



BOLETÍN DE SISMOS

julio - diciembre de 2017

Red Sismológica Nacional de Colombia – RSNC –

Volumen 25, No. II

Bogotá, enero de 2018

República de Colombia
SERVICIO GEOLÓGICO COLOMBIANO

**REPÚBLICA DE COLOMBIA
SERVICIO GEOLÓGICO COLOMBIANO**



Boletín de Sismos: julio - diciembre de 2017

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PRESENTACION

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

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

Cordialmente,

M.Sc. Viviana Dionicio Lozano.

Coordinadora.

Grupo de evaluación y monitoreo de la actividad sísmica

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RED SISMOLÓGICA NACIONAL DE COLOMBIA

**Coordinadora de la Investigación
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FUNCIONAMIENTO DE LAS ESTACIONES RSNC

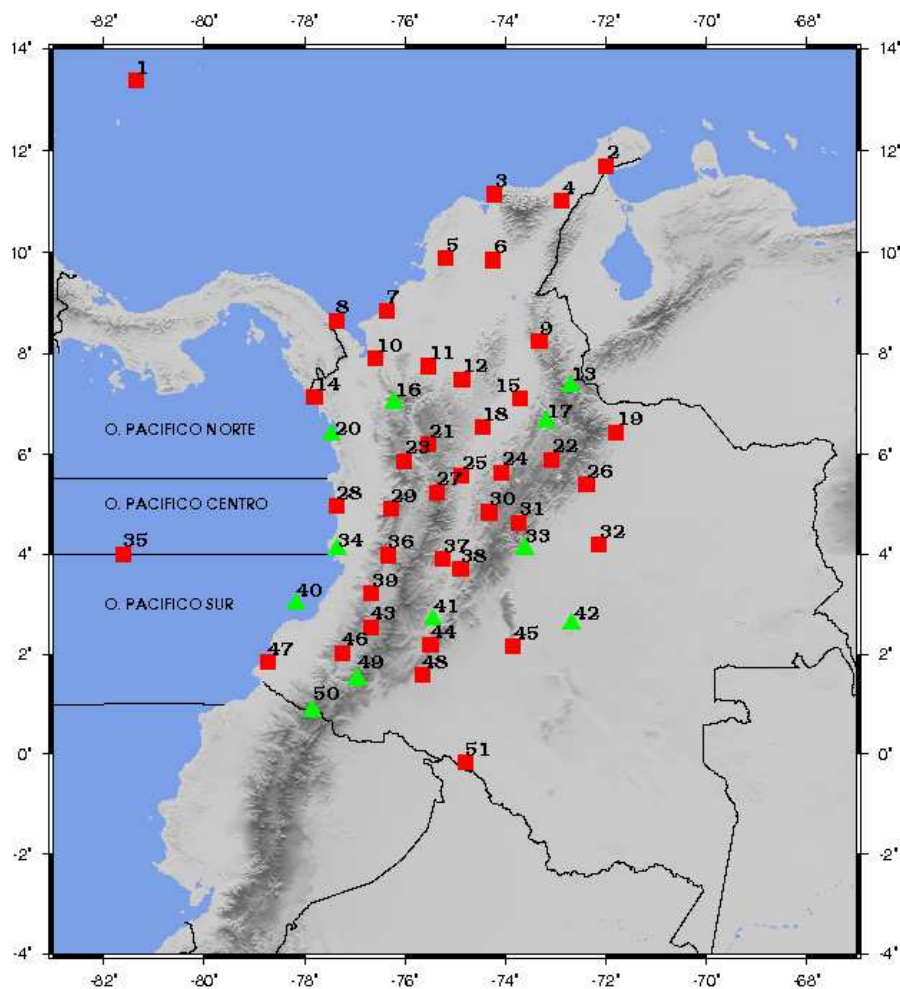


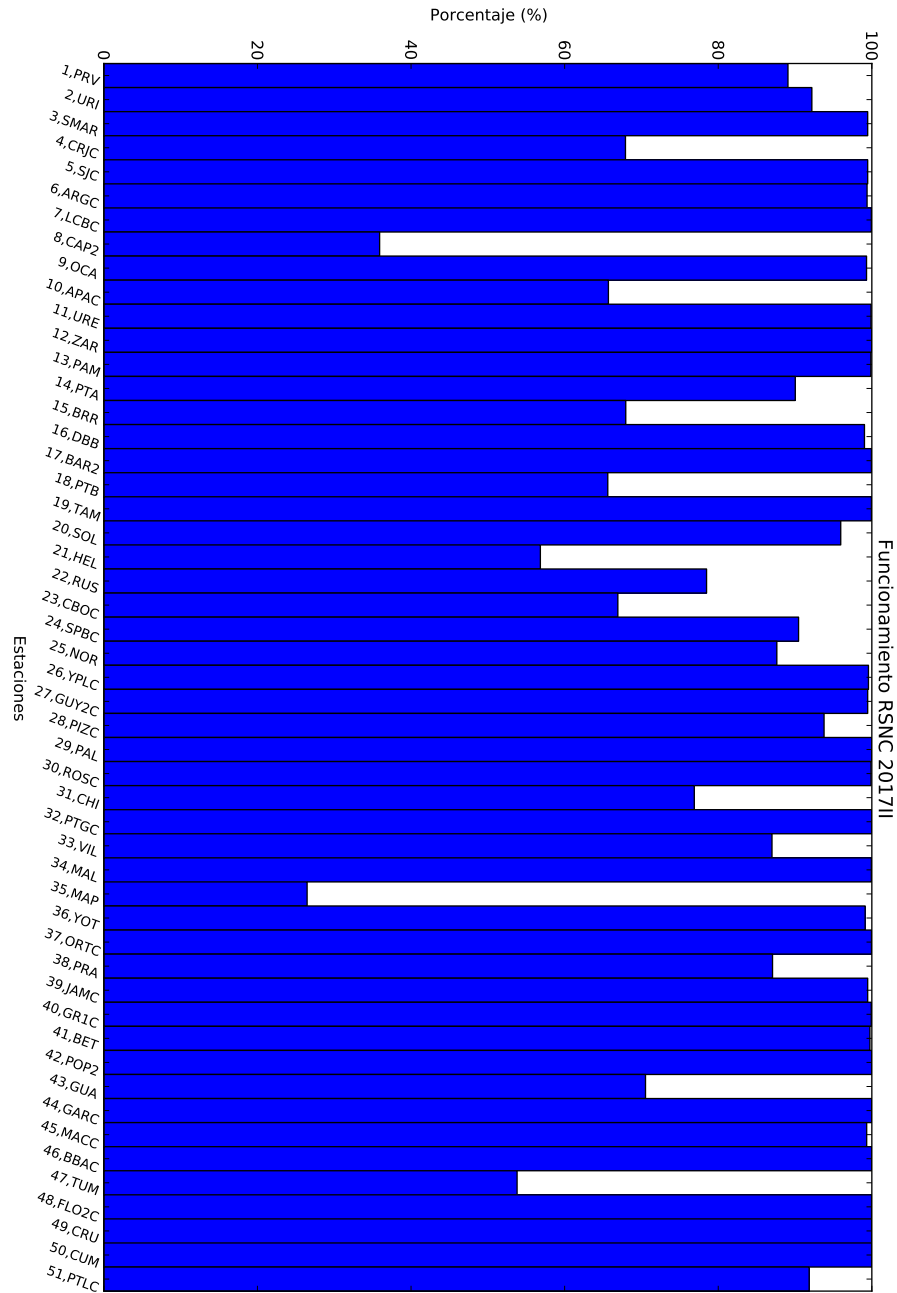
Figura 1: Localización de las estaciones de la RSNC. Los triángulos verdes y los cuadros rojos representan las estaciones con sensores de corto periodo y banda ancha respectivamente.

No.	Tipo de Sensor*	Nombre de la Estación	%
1	BB	PROVIDENCIA	89,08
2	BB	URIBIA	92,19
3	BB	SANTA MARTA	99,46
4	BB	CERREJON	67,92
5	BB	SAN JACINTO	99,46
6	BB	ARIGUANI	99,38
7	BB	LOS CORDOBAS	99,94
8	BB	CAPURGANÁ	35,91
9	BB	OCAÑA	99,31
10	BB	APARTADO	65,7
11	BB	SAN JOSE DE URE	99,89
12	BB	ZARAGOZA	100
13	SP	PAMPLONA	99,87
14	BB	PUNTA ARDITA	90,03
15	BB	BARRANCA	67,96
16	SP	DABEIBA	99,04
17	SP	BARICHARA	99,95
18	BB	PUERTO BERRIO	65,62
19	BB	TAME	99,95
20	SP	SOLANO	95,95
21	BB	ST,HELENA	56,84
22	BB	LA RUSIA	78,48
23	BB	CIUDAD BOLIVAR	66,93
24	BB	SAN PABLO DE BORBUR	90,46
25	SP	NORCASIA	87,63
26	SP	YOPAL	99,56
27	BB	GUYANA	99,46
28	BB	PIZARRO	93,78
29	BB	SAN JOSE DEL PALMAR	100
30	BB	EL ROSAL (CTBTO)	99,89
31	SP	CHINGAZA	76,88
32	BB	PUERTO GAITAN	100
33	SP	VILLAVICENCIO	87
34	SP	MALAGA	99,94
35	BB	MALPELO	26,47
36	BB	YOTOCO	99,13
37	BB	ORTEGA	99,96
38	BB	PRADO	87,07
39	BB	JAMUNDI	99,46
40	SP	GORGONA	99,93
41	SP	BETANIA	99,75
42	BB	POPAYAN	100
43	SP	GUAVIARE	70,53
44	BB	GARZON	99,98
45	BB	MACARENA	99,33
46	BB	BALBOA	100
47	BB	TUMACO	53,81
48	BB	FLORENCIA	99,97
49	SP	LA CRUZ	100
50	SP	CUMBAL	100
51	BB	PUERTO LEGUIZAMO	91,84

* SP = Periodo corto

BB = Banda ancha

HISTOGRAMA DE FUNCIONAMIENTO DE LAS ESTACIONES



SISMICIDAD DE JULIO-DICIEMBRE DE 2017

Durante los meses de julio-diciembre se registraron 20950 eventos, de los cuales: 19871 corresponden a eventos locales y de estos se localizaron 8742, 328 fueron Regionales y 751 Distantes. De los eventos localizados, 61 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 3.0 en la escala de Richter.
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.
3. El sismo es reportado como sentido cerca al epicentro, sin importar su magnitud o su profundidad.

CONVENCIONES

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

Cuadro 1: Eventos destacados durante julio-diciembre de 2017

N	FECHA	H:M:S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
71	Jul 2 2017	19:26:28.7	3.48	-74.13	Sup	4.8	1.5	52	114	LEJANIAS (META)*
338	Jul 8 2017	22:23:35.2	6.83	-73.11	156	4.3	0.9	67	95	LOS SANTOS (SANTANDER)*
349	Jul 9 2017	05:56:31.2	6.83	-73.16	151	4.1	0.5	64	80	LOS SANTOS (SANTANDER)*
494	Jul 12 2017	15:31:59.2	7.79	-72.34	Sup	3.3	0.6	153	47	FRONTERA CON VENEZUELA*
594	Jul 14 2017	20:12:46.1	0.77	-77.90	7	3.4	1.9	114	56	VOLCAN CHILES*
745	Jul 17 2017	15:15:46.2	2.23	-75.68	Sup	3.8	0.5	72	74	GARZON (HUILA)*
1025	Jul 24 2017	13:25: 2.7	6.82	-73.12	156	4.8	0.7	67	95	LOS SANTOS (SANTANDER)*
1240	Jul 29 2017	05:46:12.3	1.25	-76.94	Sup	2.6	0.7	93	42	SIBUNDOY (PUTUMAYO)*
1244	Jul 29 2017	06:14:30.9	1.24	-76.94	Sup	2.4	0.7	93	42	SIBUNDOY (PUTUMAYO)*
1278	Jul 30 2017	05:40:40.3	4.83	-75.33	Sup	4.7	0.1	117	98	VOLCAN PARAMILLO DEL CISNE*
1279	Jul 30 2017	05:57: 5.7	4.83	-75.34	Sup	4.6	0.1	118	91	VOLCAN PARAMILLO DEL CISNE*
1568	Ago 5 2017	19:05: 4.0	3.93	-76.21	114	3.8	0.7	29	104	SAN PEDRO (VALLE)*
1631	Ago 6 2017	15:43:47.8	8.85	-71.13	Sup	4.5	1.1	106	46	FRONTERA CON VENEZUELA **

** Localización obtenida de la Fundación Venezolana de Investigaciones Sismológicas (<http://www.funvisis.gob.ve/>)

1750	Ago 8 2017	20:43:40.7	6.59	-72.20	Sup	4.9	0.6	77	94	GUICAN (BOYACA)*
2000	Ago 13 2017	15:21:53.0	7.47	-71.98	Sup	4.3	0.4	126	86	FRONTERA CON VENEZUELA
2048	Ago 14 2017	10:58:31.6	6.04	-73.66	116	4.3	0.6	42	111	CHIPATA (SANTANDER)*
2057	Ago 14 2017	17:09:18.4	9.26	-76.86	59	4.1	0.6	145	92	MAR CARIBE
2176	Ago 17 2017	21:03:50.4	6.81	-73.14	152	4.3	0.6	55	89	LOS SANTOS (SANTANDER)*
2213	Ago 18 2017	10:40:59.7	6.25	-73.57	50	3.7	0.5	41	94	LA PAZ (SANTANDER)*
2521	Ago 24 2017	10:48:53.6	1.25	-78.74	92	3.9	0.6	144	87	FRONTERA CON ECUADOR
2541	Ago 24 2017	22:22:18.7	3.86	-73.65	Sup	4.2	0.5	64	73	CASTILLA LA NUEVA (META)*
3047	Sep 4 2017	10:59:46.3	4.53	-75.71	Sup	3.4	0.7	74	73	ARMENIA (QUINDIO)*
3059	Sep 4 2017	20:28:23.4	6.82	-73.14	156	5.0	0.7	56	123	LOS SANTOS (SANTANDER)*
3087	Sep 5 2017	08:37:57.9	1.16	-77.42	10	3.3	0.1	290	51	VOLCAN GALERAS*
3224	Sep 8 2017	15:12:16.7	5.27	-73.74	144	3.8	0.6	54	80	CUCUNUBA (CUNDINAMARCA)*
3389	Sep 12 2017	03:40:32.6	3.28	-74.38	Sup	3.2	1.1	62	66	URIBE (META)*
3431	Sep 13 2017	03:07: 3.1	9.56	-73.16	132	4.7	0.7	59	122	LA JAGUA DE IBIRICO (CESAR)*
3433	Sep 13 2017	03:34:40.3	0.90	-79.75	15	4.3	0.4	278	99	FRONTERA CON ECUADOR
3628	Sep 17 2017	07:11:25.0	6.46	-76.72	Sup	4.2	0.5	63	110	VIGIA DEL FUERTE (ANTIOQUIA)*
3656	Sep 17 2017	22:22:25.0	3.62	-77.30	64	3.8	0.8	118	92	O. PACIFICO SUR*
3671	Sep 18 2017	03:24:10.7	4.96	-75.33	Sup	2.8	0.1	114	37	VOLCAN NEVADO DEL RUIZ*
3900	Sep 23 2017	05:17:46.6	9.76	-74.69	46	4.4	0.9	93	93	PLATO (MAGDALENA)*
3906	Sep 23 2017	09:19:16.6	9.05	-77.83	47	4.3	0.5	146	86	FRONTERA CON PANAMA
3917	Sep 23 2017	13:24:16.0	4.95	-75.32	Sup	3.6	0.1	107	61	VOLCAN NEVADO DEL RUIZ*
4127	Sep 28 2017	06:30:51.1	1.54	-76.88	Sup	2.8	0.1	208	16	VOLCAN LAS ANIMAS*
4195	Sep 29 2017	22:52: 3.2	6.83	-73.14	154	4.7	0.6	56	104	LOS SANTOS (SANTANDER)*
4247	Oct 1 2017	01:35:25.9	7.65	-73.26	137	5.7	0.8	55	274	LA ESPERANZA (N.SANTANDER)*
4756	Oct 13 2017	04:52:24.9	6.83	-73.17	154	4.6	1.2	63	75	ZAPATOCA (SANTANDER)*
4811	Oct 14 2017	08:35:43.0	7.38	-72.06	Sup	4.7	0.8	120	84	FRONTERA CON VENEZUELA*
5029	Oct 19 2017	02:39:10.3	0.94	-79.55	Sup	4.7	0.7	205	78	FRONTERA CON ECUADOR
5379	Oct 25 2017	02:53:40.1	4.97	-75.48	Sup	2.0	1.0	104	24	VILLAMARIA (CALDAS)*
5465	Oct 26 2017	07:59:30.4	10.23	-73.63	96	4.9	0.7	75	94	PUEBLO BELLO (CESAR)*
6016	Nov 4 2017	00:16:36.1	2.53	-76.12	172	5.2	1.1	58	282	INZA (CAUCA)*
6017	Nov 4 2017	01:22:31.2	1.86	-79.25	8	4.3	1.3	227	99	O. PACIFICO SUR
6031	Nov 4 2017	07:50:18.4	4.39	-75.89	Sup	2.7	0.9	95	52	CAICEDONIA (VALLE)*
6048	Nov 4 2017	14:28: 0.6	6.64	-74.07	Sup	2.8	0.8	57	44	PUERTO PARRA (SANTANDER)*
6384	Nov 11 2017	14:45:20.2	2.73	-75.05	Sup	4.8	0.8	111	90	RIVERA (HUILA)*
6550	Nov 15 2017	02:12:18.3	3.81	-76.14	159	4.4	0.8	52	133	GINEBRA (VALLE)*
6591	Nov 16 2017	00:56: 7.8	4.75	-76.18	89	4.2	0.7	32	133	EL CAIRO (VALLE)*
6596	Nov 16 2017	04:01:35.4	1.85	-76.24	Sup	2.9	0.9	78	72	SAN AGUSTIN (HUILA)*
6690	Nov 18 2017	05:54:54.9	8.47	-71.72	Sup	5.1	1.0	112	128	FRONTERA CON VENEZUELA *
6977	Nov 23 2017	20:44:38.7	7.35	-76.15	Sup	4.4	1.7	35	117	MUTATA (ANTIOQUIA)*
7135	Nov 26 2017	13:45:50.9	4.50	-76.31	120	4.3	0.9	34	116	EL DOVIO (VALLE)*
7243	Nov 28 2017	19:55: 2.2	6.81	-73.15	142	4.0	0.9	55	95	LOS SANTOS (SANTANDER)*
7296	Nov 29 2017	20:08:53.6	7.40	-75.32	9	4.1	0.7	42	109	CACERES (ANTIOQUIA)*
7696	Dic 8 2017	18:00:17.1	11.23	-72.81	25	3.3	0.8	153	34	HATO NUEVO (LA GUAJIRA)*
7727	Dic 9 2017	17:35:15.7	9.00	-77.42	14	3.4	1.4	154	55	MAR CARIBE
7850	Dic 11 2017	19:59:23.7	4.09	-74.07	Sup	4.0	1.5	103	84	GUTIERREZ (CUNDINAMARCA)*
8286	Dic 21 2017	19:26:39.6	4.25	-76.22	146	4.7	1.0	44	132	BUGALAGRANDE (VALLE)*
8384	Dic 23 2017	20:41:26.2	6.83	-76.32	Sup	3.7	1.3	41	89	URAMITA (ANTIOQUIA)*
8286	Dic 24 2017	04:50:43.7	3.86	-76.76	103	3.9	1.4	46	111	DAGUA (VALLE)*

*Eventos Sísmicos reportados como sentidos

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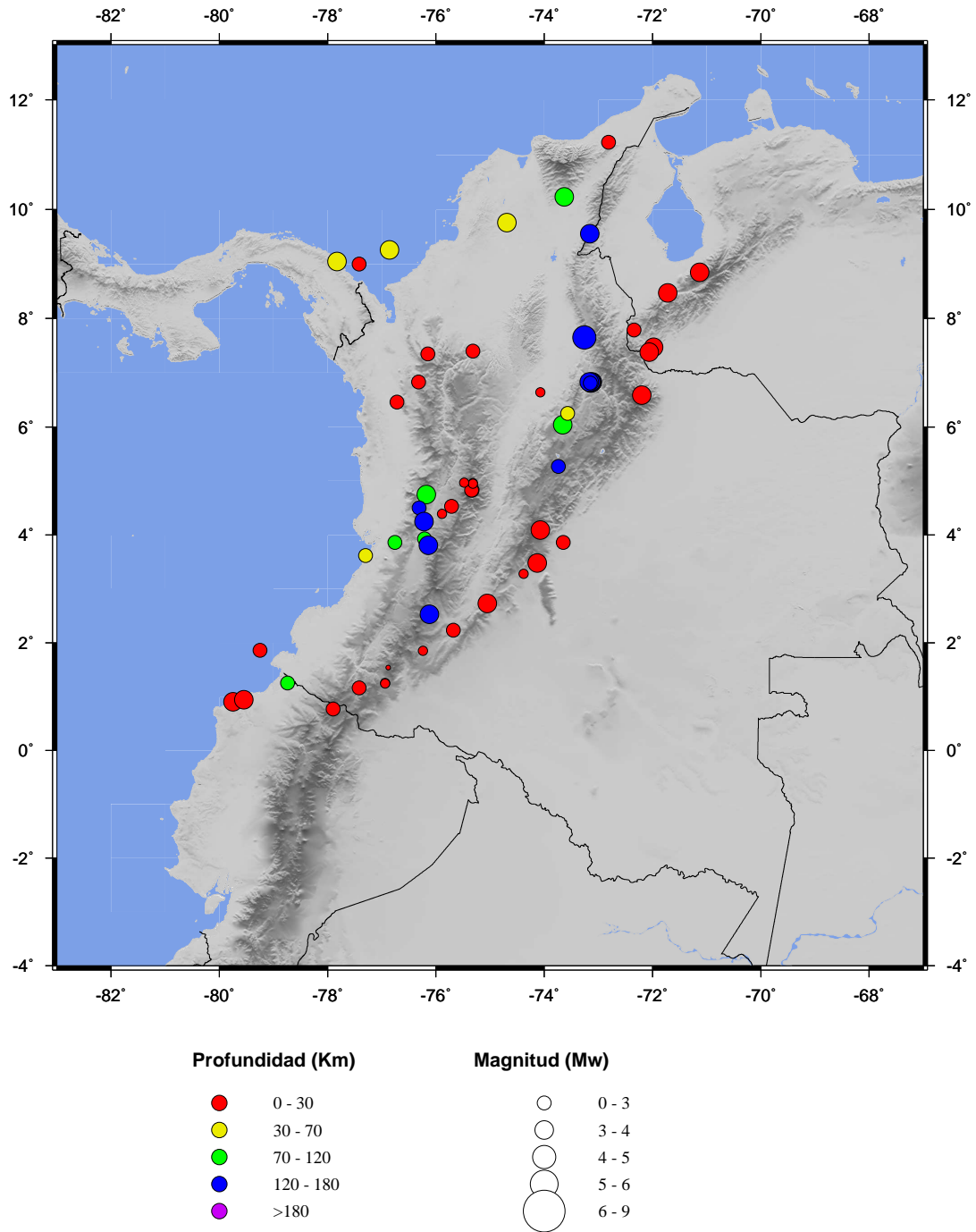


Figura 2: Sismos destacados localizados por la RSNC, durante julio-diciembre de 2017.

RED SISMOLOGICA NACIONAL DE COLOMBIA

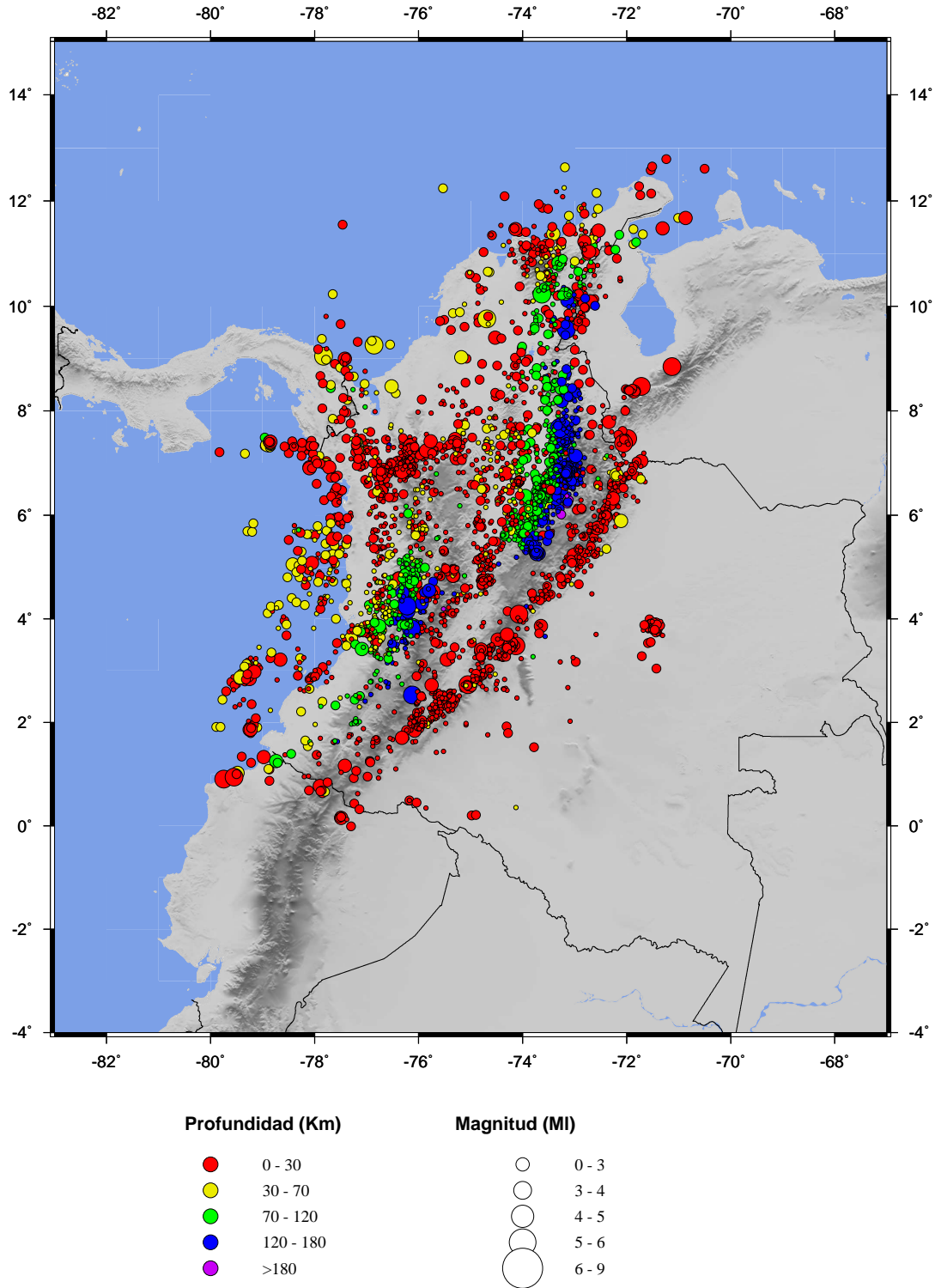


Figura 3: Sismicidad registrada por la RSNC durante julio-diciembre de 2017

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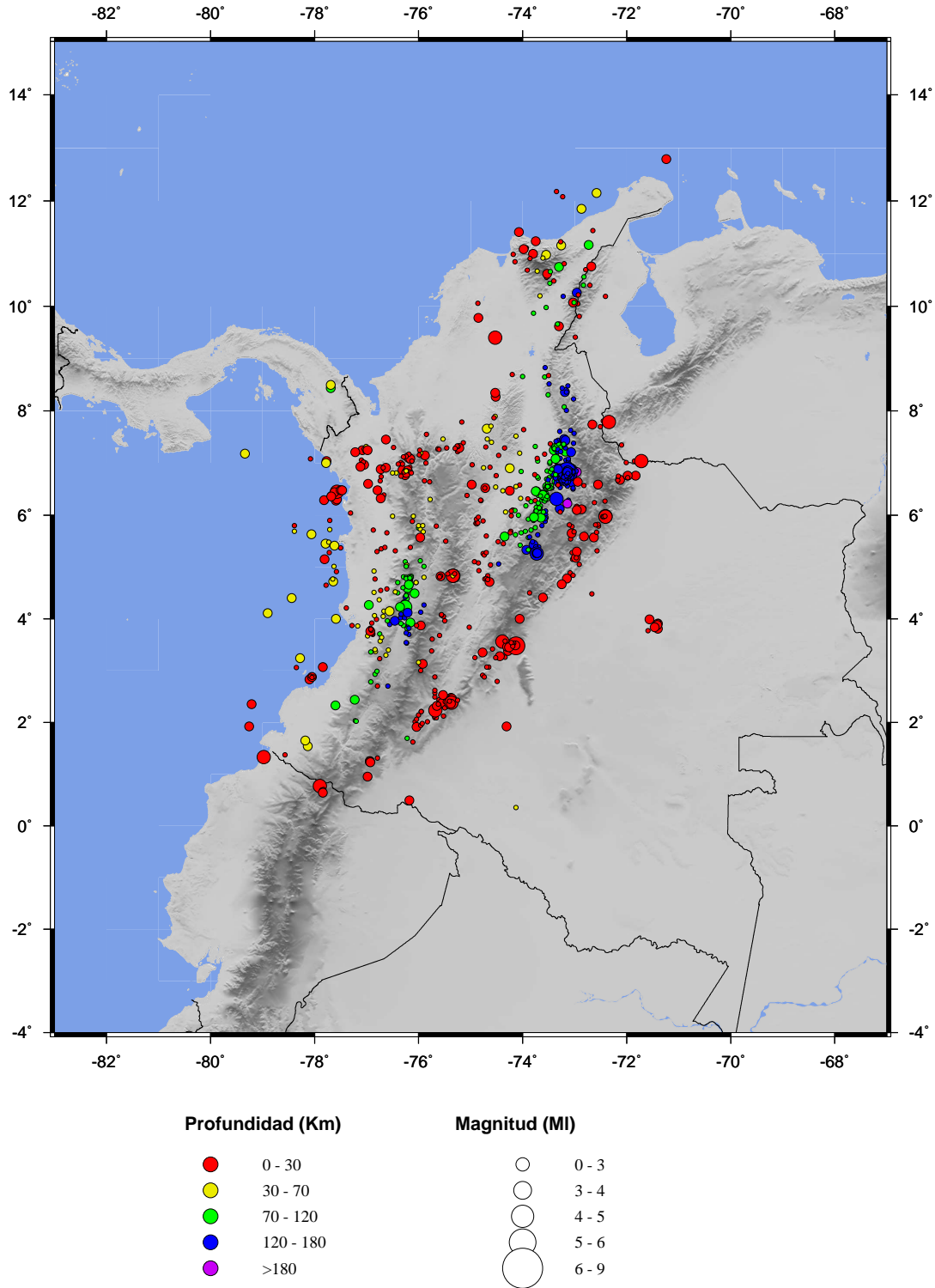


Figura 4: Sismicidad registrada por la RSNC durante julio de 2017

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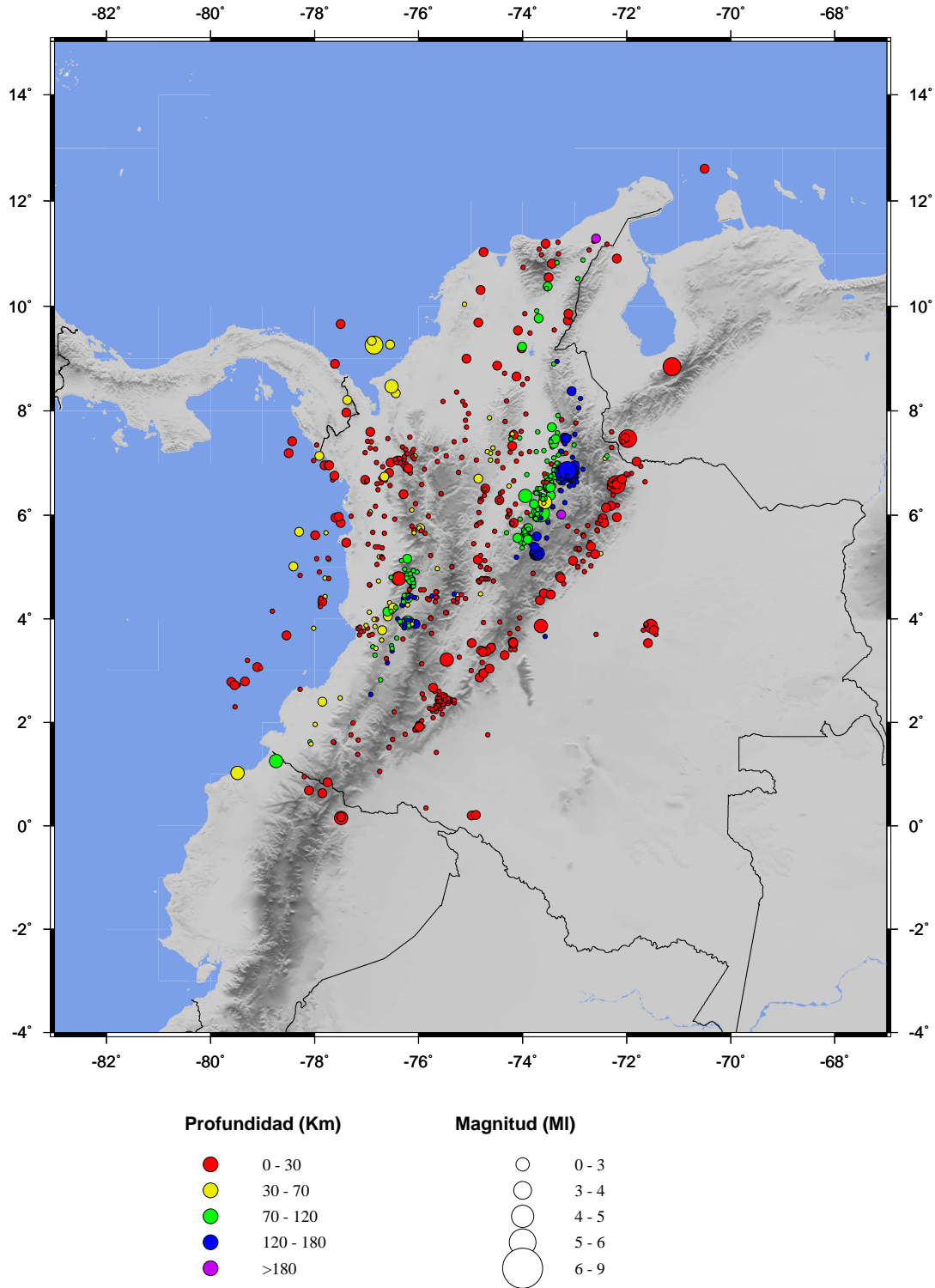


Figura 5: Sismicidad registrada por la RSNC durante agosto de 2017

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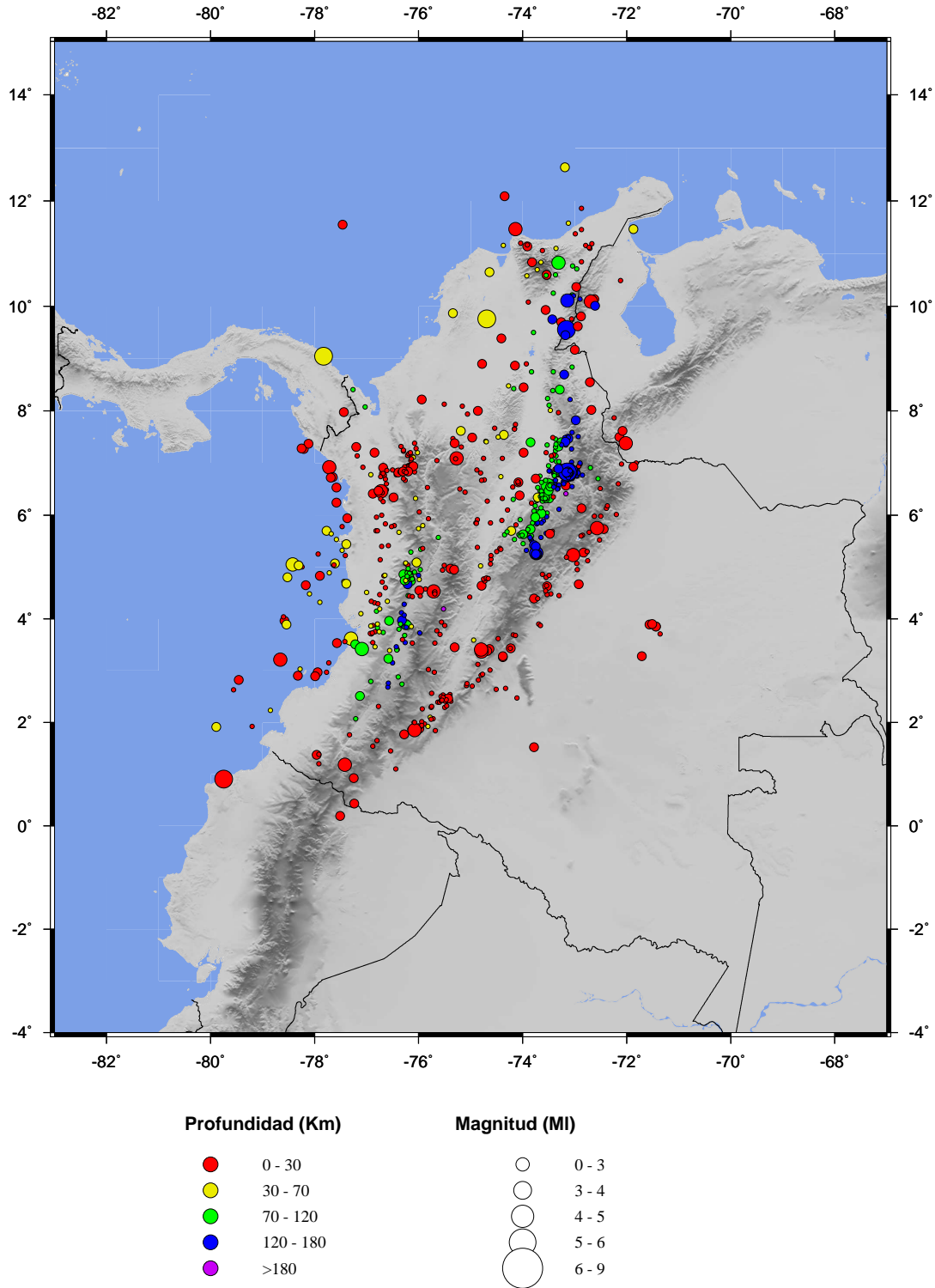


Figura 6: Sismicidad registrada por la RSNC durante septiembre de 2017

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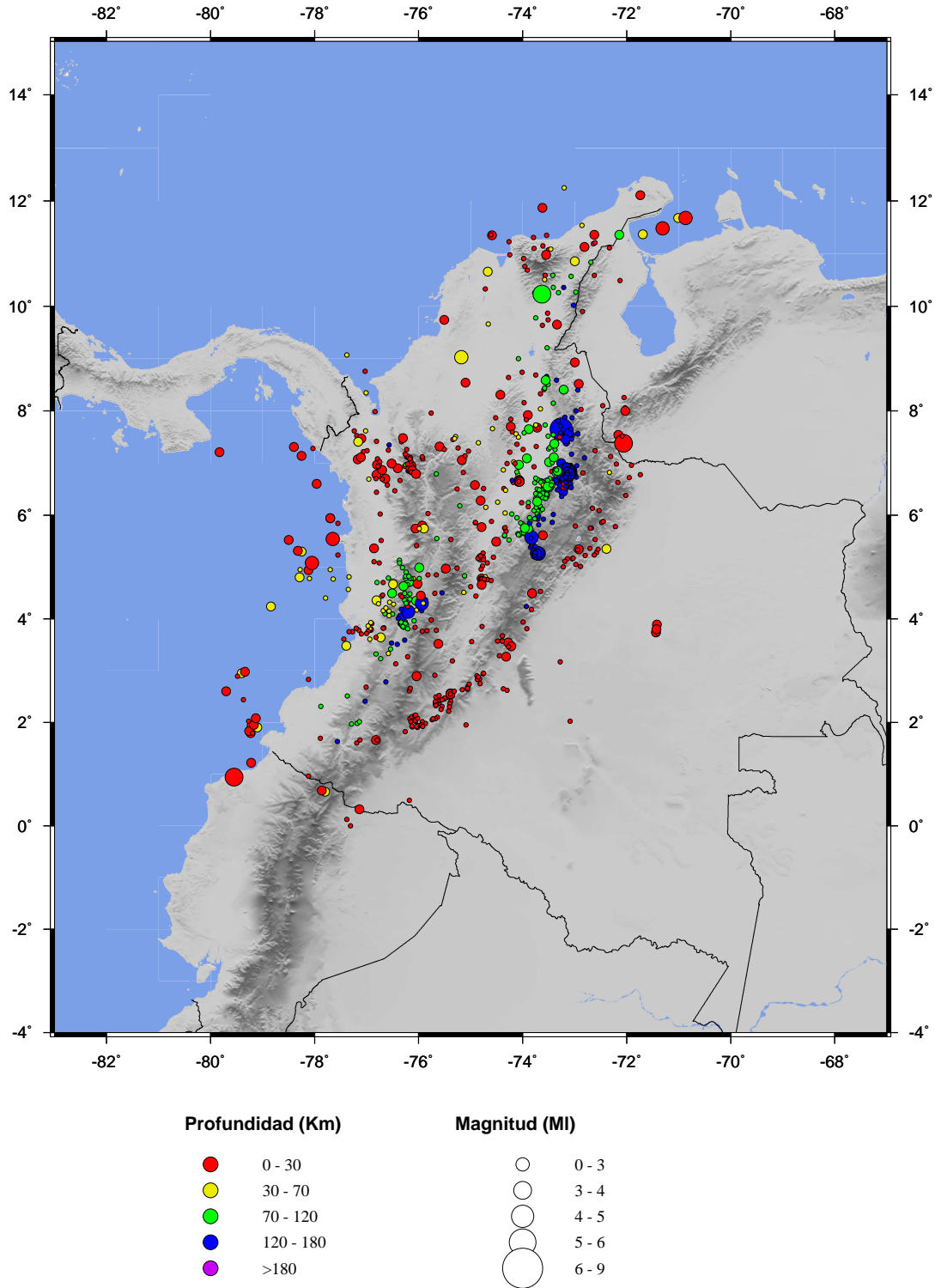


Figura 7: Sismicidad registrada por la RSNC durante octubre de 2017

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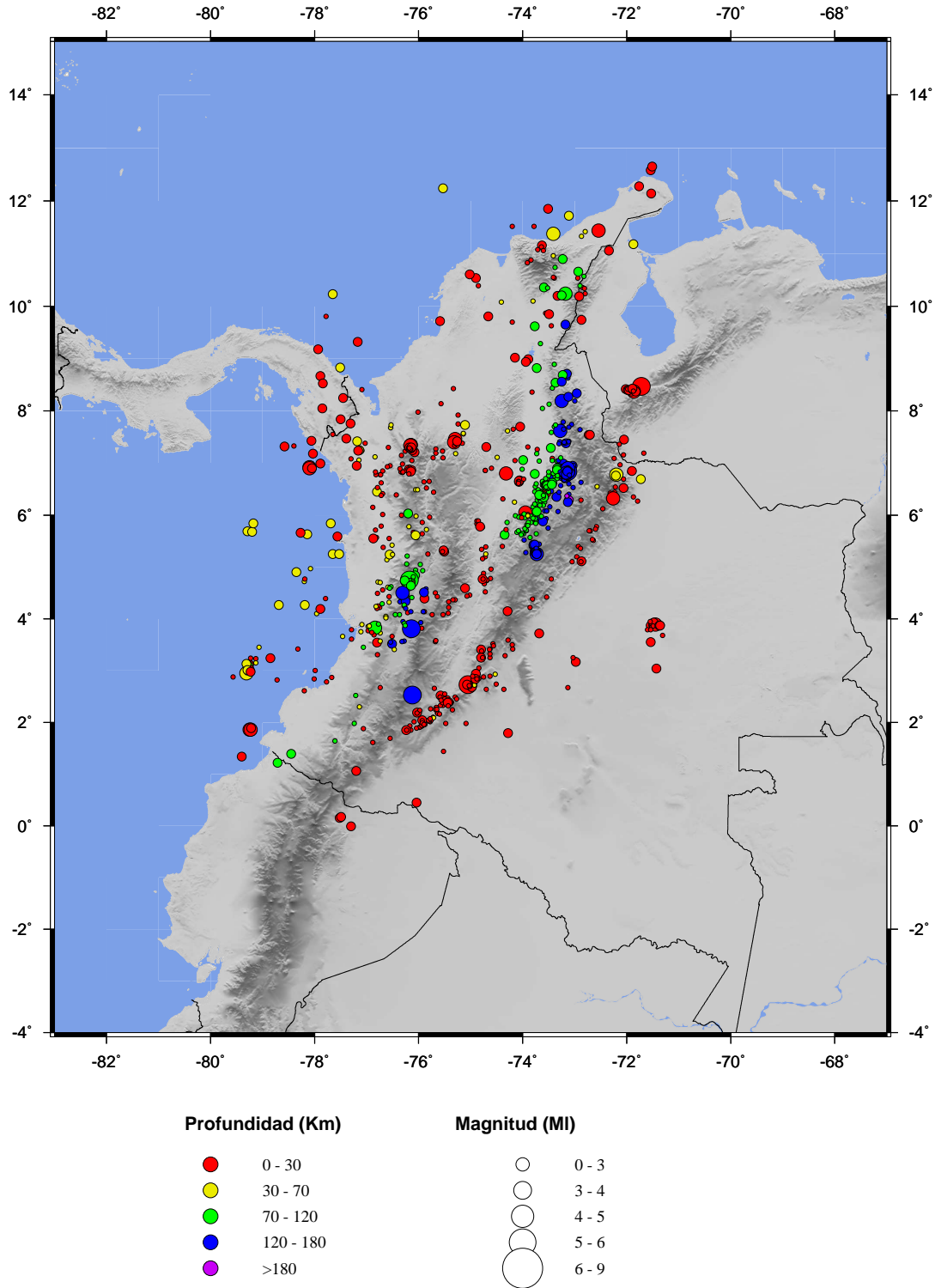


Figura 8: Sismicidad registrada por la RSNC durante noviembre de 2017

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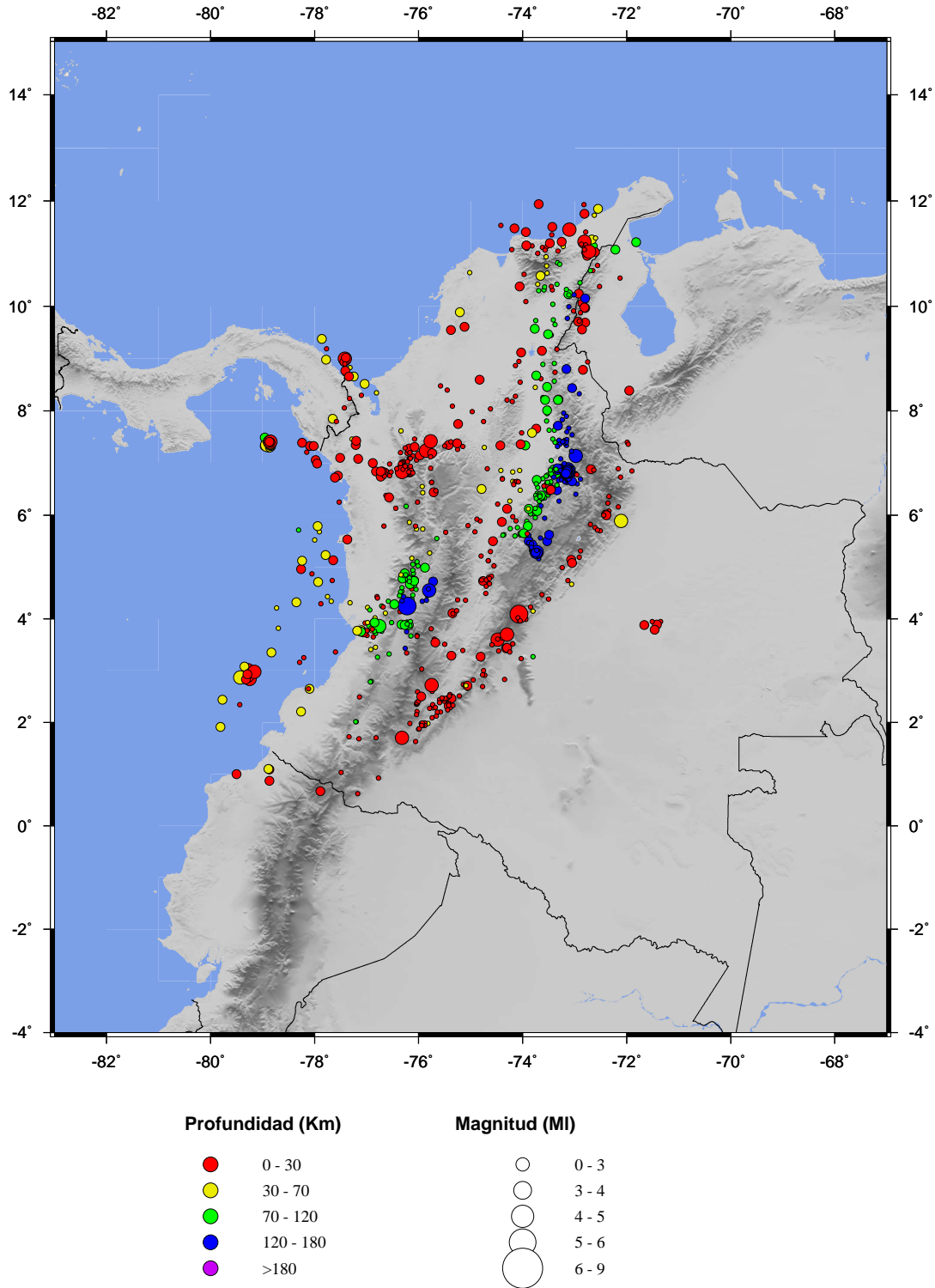


Figura 9: Sismicidad registrada por la RSNC durante diciembre de 2017

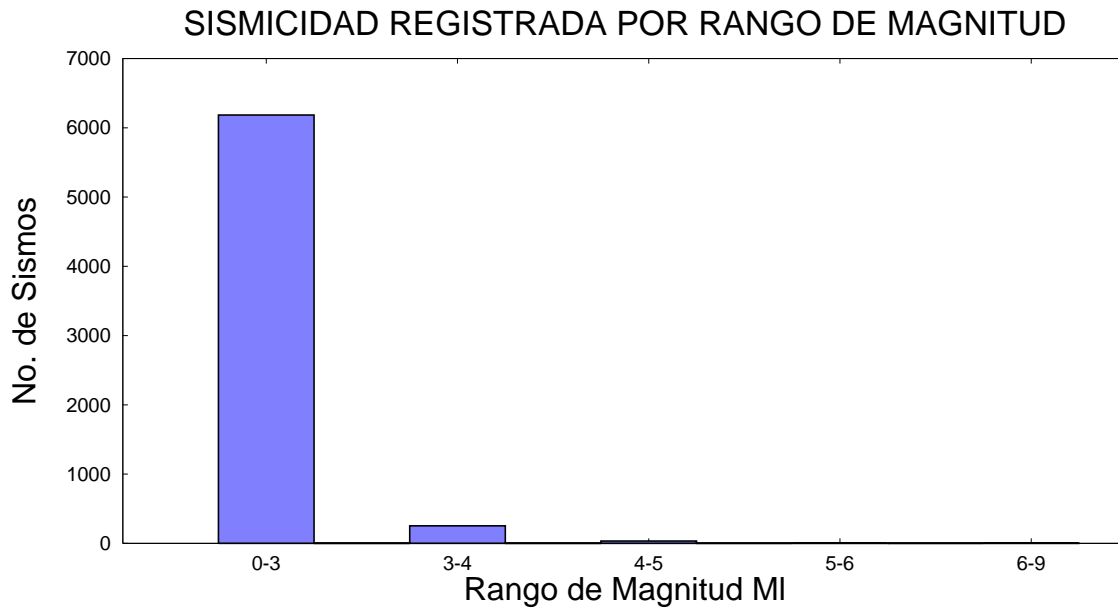


Figura 10: Número de sismos registrados por rango de magnitud, julio-diciembre de 2017

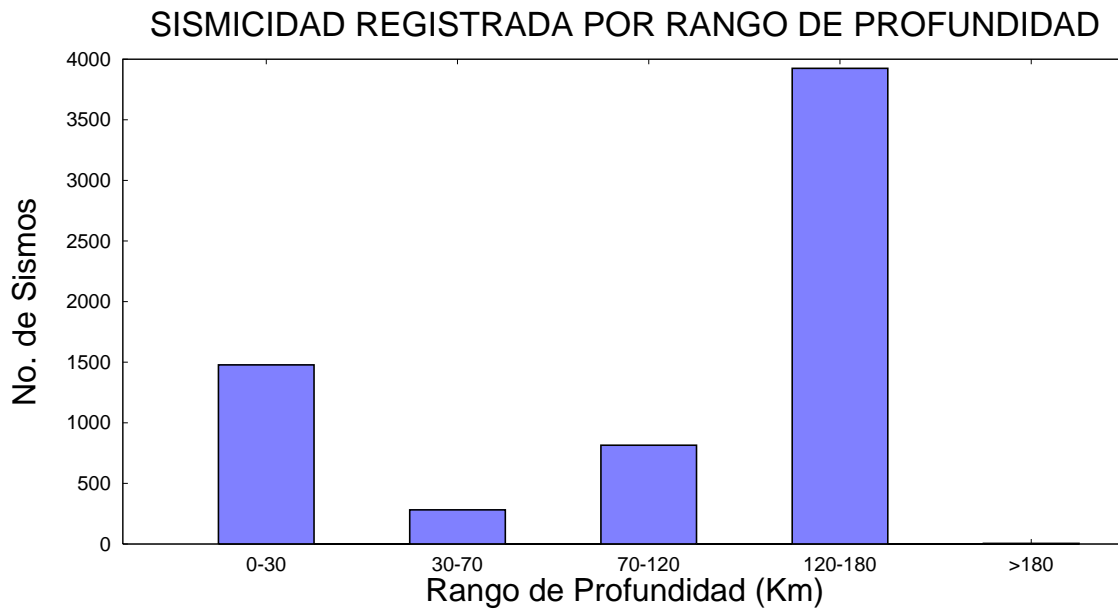


Figura 11: Número de sismos registrados por rango de profundidad, julio-diciembre de 2017

EVENTOS SÍSMICOS LOCALIZADOS DURANTE JULIO-DICIEMBRE DE 2017

Cuadro 2: Listado de eventos localizados durante julio-diciembre de 2017

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1	Jul 1 2017	00:47:24.4	11.44	-72.65	Sup	1.9	0.3	190	10	MANAURE BALCON CESAR (CESAR)
2	Jul 1 2017	01:40:57.5	3.87	-77.28	15	1.3	0.4	204	8	BUENAVENTURA (VALLE)
3	Jul 1 2017	01:48:11.8	8.44	-77.69	88	2.4	0.8	131	29	FRONTERA CON PANAMA
4	Jul 1 2017	02:50:51.9	2.49	-75.42	9	1.6	0.4	95	18	HOBO (HUILA)
5	Jul 1 2017	03:30:21.6	7.18	-79.34	32	2.3	0.5	200	30	O. PACIFICO NORTE
6	Jul 1 2017	03:53:42.0	6.80	-73.14	141	2.9	0.5	66	68	LOS SANTOS (SANTANDER)
7	Jul 1 2017	06:20:30.6	6.80	-73.11	143	2.1	0.6	68	35	LOS SANTOS (SANTANDER)
8	Jul 1 2017	06:30:23.0	4.72	-77.64	47	2.0	0.5	254	14	O. PACIFICO CENTRO
9	Jul 1 2017	06:33:59.3	3.81	-71.40	Sup	2.8	0.2	256	32	PUERTO GAITAN (META)
10	Jul 1 2017	06:45: 7.9	3.26	-74.34	Sup	1.2	0.4	132	8	URIBE (META)
11	Jul 1 2017	07:15:22.9	6.50	-77.46	Sup	1.9	0.8	164	12	O. PACIFICO NORTE
12	Jul 1 2017	07:18:56.5	6.33	-77.73	18	1.8	0.4	247	8	O. PACIFICO NORTE
13	Jul 1 2017	08:49:24.7	6.66	-73.17	148	1.2	0.4	239	8	VILLANUEVA (SANTANDER)
14	Jul 1 2017	09:18:14.9	6.75	-73.14	139	1.8	0.5	96	17	LOS SANTOS (SANTANDER)
15	Jul 1 2017	09:30:57.3	6.77	-73.12	148	1.6	0.4	258	8	LOS SANTOS (SANTANDER)
16	Jul 1 2017	09:36:55.4	6.59	-72.55	Sup	2.3	0.7	112	34	CHISCAS (BOYACA)
17	Jul 1 2017	10:08:58.1	4.05	-75.52	Sup	1.6	0.5	53	28	RONCESVALLES (TOLIMA)
18	Jul 1 2017	10:26:37.1	6.84	-73.15	147	1.8	0.5	217	20	LOS SANTOS (SANTANDER)
19	Jul 1 2017	11:13:20.2	6.79	-73.12	146	1.6	0.4	157	11	LOS SANTOS (SANTANDER)
20	Jul 1 2017	11:50:53.0	7.40	-74.60	40	1.6	0.3	189	11	EL BAGRE (ANTIOQUIA)
21	Jul 1 2017	11:59:56.2	2.42	-75.61	17	1.2	0.3	138	9	GIGANTE (HUILA)
22	Jul 1 2017	12:11:54.1	6.75	-73.32	123	2.0	0.4	186	12	ZAPATOCA (SANTANDER)
23	Jul 1 2017	13:13:22.2	4.05	-76.68	61	1.7	0.3	200	16	CALIMA (VALLE)
24	Jul 1 2017	16:02:48.9	9.78	-74.85	Sup	2.0	0.5	128	12	ZAMBRANO (BOLIVAR)
25	Jul 1 2017	17:35: 0.4	7.08	-76.17	Sup	2.6	0.6	67	34	DABEIBA (ANTIOQUIA)
26	Jul 1 2017	18:24:50.4	6.82	-73.11	144	2.3	0.5	68	34	LOS SANTOS (SANTANDER)
27	Jul 1 2017	18:37: 4.5	7.06	-76.14	Sup	1.6	0.5	100	11	DABEIBA (ANTIOQUIA)
28	Jul 1 2017	18:55:55.2	7.74	-72.66	Sup	2.9	0.8	163	33	DURANIA (N.SANTANDER)
29	Jul 1 2017	19:42:22.7	6.80	-73.10	152	2.4	0.6	69	32	LOS SANTOS (SANTANDER)
30	Jul 1 2017	20:33:44.3	8.27	-74.52	Sup	2.8	0.7	77	46	MONTECRISTO (BOLIVAR)
31	Jul 1 2017	20:36:43.2	6.79	-73.13	148	1.8	0.5	155	13	LOS SANTOS (SANTANDER)
32	Jul 1 2017	21:10:43.7	4.59	-76.21	118	2.0	0.4	105	18	VERSALLES (VALLE)
33	Jul 1 2017	23:07: 6.3	7.81	-72.45	17	1.5	0.8	277	8	VILLA DEL ROSARIO (N.SANTANDER)
34	Jul 1 2017	23:44:26.6	6.72	-73.11	93	1.5	0.3	163	14	JORDAN (SANTANDER)
35	Jul 2 2017	00:56:12.9	4.29	-76.26	132	2.3	0.6	57	52	BOLIVAR (VALLE)
36	Jul 2 2017	01:41:51.1	7.12	-76.21	Sup	1.9	0.5	153	21	DABEIBA (ANTIOQUIA)
37	Jul 2 2017	01:48:11.3	3.37	-76.83	66	1.1	0.5	152	8	JAMUNDI (VALLE)
38	Jul 2 2017	02:51: 7.0	6.81	-73.14	145	2.5	0.6	66	48	LOS SANTOS (SANTANDER)
39	Jul 2 2017	02:58:12.8	2.91	-74.77	6	1.8	0.7	155	15	BARAYA (HUILA)
40	Jul 2 2017	04:16:29.3	6.77	-73.13	143	1.8	0.3	164	19	LOS SANTOS (SANTANDER)
41	Jul 2 2017	05:15:38.5	7.11	-76.27	Sup	1.2	0.5	171	12	DABEIBA (ANTIOQUIA)
42	Jul 2 2017	05:19:44.4	4.70	-76.40	82	1.7	0.6	145	29	EL CAIRO (VALLE)
43	Jul 2 2017	05:25:45.1	5.26	-73.75	147	2.0	0.8	61	34	CUCUNUBA (CUNDINAMARCA)
44	Jul 2 2017	05:29:35.9	6.75	-73.13	150	1.3	0.3	254	8	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
45	Jul 2 2017	05:40:56.4	5.01	-75.90	115	1.0	0.5	134	8	VITERBO (CALDAS)
46	Jul 2 2017	05:43:51.6	3.38	-74.28	Sup	2.0	0.8	57	31	URIBE (META)
47	Jul 2 2017	05:51:15.2	6.68	-73.16	148	1.3	0.4	245	7	VILLANUEVA (SANTANDER)
48	Jul 2 2017	06:26:12.5	2.88	-74.74	Sup	1.8	0.6	88	26	BARAYA (HUILA)
49	Jul 2 2017	06:43:54.8	3.00	-75.96	Sup	1.6	0.5	73	30	TORIBIO (CAUCA)
50	Jul 2 2017	06:48:53.8	6.06	-73.71	117	2.2	0.5	45	39	VELEZ (SANTANDER)
51	Jul 2 2017	07:41:32.5	6.18	-73.94	96	1.0	0.2	132	7	CIMITARRA (SANTANDER)
52	Jul 2 2017	07:48:46.3	6.62	-73.17	144	1.1	0.1	234	8	BARICHARA (SANTANDER)
53	Jul 2 2017	07:52:25.6	5.54	-73.08	Sup	1.1	0.1	150	10	PESCA (BOYACA)
54	Jul 2 2017	08:08:56.9	10.98	-73.55	31	2.0	0.5	140	16	PUEBLO BELLO (CESAR)
55	Jul 2 2017	08:20: 8.7	6.65	-73.39	116	1.4	0.4	158	8	GALAN (SANTANDER)
56	Jul 2 2017	08:47:28.3	6.64	-73.18	142	1.4	0.2	227	8	VILLANUEVA (SANTANDER)
57	Jul 2 2017	09:16:41.8	5.26	-73.73	144	2.3	0.5	54	42	CUCUNUBA (CUNDINAMARCA)
58	Jul 2 2017	09:50:10.3	6.69	-73.13	154	1.4	0.3	212	11	VILLANUEVA (SANTANDER)
59	Jul 2 2017	10:09:40.0	6.63	-73.31	136	2.1	0.5	138	21	GALAN (SANTANDER)
60	Jul 2 2017	10:51:17.5	6.77	-76.26	Sup	2.0	0.5	194	16	FRONTINO (ANTIOQUIA)
61	Jul 2 2017	11:07:44.3	6.68	-73.11	142	1.5	0.4	184	9	JORDAN (SANTANDER)
62	Jul 2 2017	12:03: 8.9	6.70	-73.11	154	1.3	0.4	176	9	JORDAN (SANTANDER)
63	Jul 2 2017	14:10:38.8	2.01	-76.07	Sup	1.8	0.3	148	14	SALADOBLANCO (HUILA)
64	Jul 2 2017	15:05:42.2	7.22	-73.18	108	2.0	0.3	237	14	RIONEGRO (SANTANDER)
65	Jul 2 2017	15:55:39.4	4.13	-76.18	141	1.9	0.4	105	15	ANDALUCIA (VALLE)
66	Jul 2 2017	16:54: 3.5	2.42	-75.57	14	1.8	0.4	78	15	GIGANTE (HUILA)
67	Jul 2 2017	17:00:30.8	2.33	-77.60	92	2.1	0.4	110	24	ARGELIA (CAUCA)
68	Jul 2 2017	18:18:46.3	5.98	-76.10	56	1.6	0.4	165	8	EL CARMEN (CHOCO)
69	Jul 2 2017	18:36: 3.1	6.76	-73.09	144	1.7	0.3	172	12	LOS SANTOS (SANTANDER)
70	Jul 2 2017	19:14:42.8	6.71	-73.12	142	1.5	0.4	173	10	JORDAN (SANTANDER)
<u>71</u>	<u>Jul 2 2017</u>	<u>19:26:28.7</u>	<u>3.48</u>	<u>-74.13</u>	<u>Sup</u>	<u>4.8</u>	<u>1.5</u>	<u>52</u>	<u>114</u>	<u>LEJANIAS (META)</u>
73	Jul 2 2017	20:54:26.7	6.78	-73.17	142	2.3	0.5	64	28	LOS SANTOS (SANTANDER)
74	Jul 2 2017	21:38:48.8	6.79	-73.10	144	1.8	0.4	163	12	LOS SANTOS (SANTANDER)
75	Jul 2 2017	21:51:43.1	6.75	-73.18	148	1.2	0.1	138	7	LOS SANTOS (SANTANDER)
76	Jul 2 2017	22:12:12.3	6.39	-76.67	Sup	1.3	0.4	265	12	VIGIA DEL FUERTE (ANTIOQUIA)
77	Jul 2 2017	22:46:10.0	9.62	-73.30	Sup	2.0	0.6	171	14	LA JAGUA DE IBIRICO (CESAR)
78	Jul 2 2017	23:37:15.2	11.11	-73.93	22	1.0	0.3	175	10	PUEBLO BELLO (CESAR)
79	Jul 3 2017	00:07:20.9	6.24	-72.62	10	1.2	0.1	299	7	SUSACON (BOYACA)
80	Jul 3 2017	00:10:30.6	5.25	-73.68	144	1.8	0.5	63	25	LENGUAZAQUE (CUNDINAMARCA)
81	Jul 3 2017	00:32:48.2	6.06	-73.69	111	2.1	0.5	73	31	VELEZ (SANTANDER)
82	Jul 3 2017	00:38:25.3	6.82	-73.15	138	1.6	0.3	145	11	LOS SANTOS (SANTANDER)
83	Jul 3 2017	00:49: 1.2	6.78	-73.11	147	1.4	0.2	162	9	LOS SANTOS (SANTANDER)
84	Jul 3 2017	01:26:10.3	6.75	-73.42	124	1.0	0.3	162	7	EL CARMEN (SANTANDER)
85	Jul 3 2017	01:29:28.3	6.84	-73.01	152	1.4	0.4	283	9	CEPITA (SANTANDER)
86	Jul 3 2017	01:35: 8.7	8.08	-73.20	119	1.3	0.2	226	9	ABREGO (N.SANTANDER)
87	Jul 3 2017	02:09:16.8	7.39	-75.14	Sup	1.2	0.4	118	7	CACERES (ANTIOQUIA)
88	Jul 3 2017	02:37:52.9	6.58	-74.06	Sup	1.2	0.4	135	11	PUERTO PARRA (SANTANDER)
89	Jul 3 2017	02:55:14.1	4.23	-76.19	130	1.5	0.4	93	16	BUGALAGRANDE (VALLE)
90	Jul 3 2017	02:58: 0.8	6.26	-73.84	84	1.3	0.4	137	12	LANDAZURI (SANTANDER)
91	Jul 3 2017	03:38:49.0	4.76	-76.18	101	1.2	0.3	131	10	EL CAIRO (VALLE)
92	Jul 3 2017	05:03:54.3	3.56	-74.39	Sup	3.0	0.8	54	69	URIBE (META)
93	Jul 3 2017	05:30:53.9	6.95	-76.24	15	0.8	0.5	223	6	DABEIBA (ANTIOQUIA)
94	Jul 3 2017	06:17:16.9	5.28	-73.05	Sup	1.0	0.3	302	6	SAN EDUARDO (BOYACA)
95	Jul 3 2017	06:23:34.5	4.27	-75.90	156	1.5	0.5	93	15	SEVILLA (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
96	Jul 3 2017	06:26:38.3	6.71	-73.70	101	1.1	0.1	104	7	EL CARMEN (SANTANDER)
97	Jul 3 2017	07:40: 9.4	6.69	-73.10	144	1.1	0.2	272	7	JORDAN (SANTANDER)
98	Jul 3 2017	07:43:11.0	6.80	-73.13	145	2.5	0.5	66	48	LOS SANTOS (SANTANDER)
99	Jul 3 2017	07:58:25.9	5.79	-72.54	Sup	1.4	0.4	108	17	PISVA (BOYACA)
100	Jul 3 2017	09:05: 6.0	3.07	-74.65	Sup	1.5	0.6	180	12	COLOMBIA (HUILA)
101	Jul 3 2017	09:09:56.0	6.81	-73.15	139	1.3	0.4	248	10	LOS SANTOS (SANTANDER)
102	Jul 3 2017	09:22:45.2	5.71	-73.84	117	1.5	0.5	181	17	SABOYA (BOYACA)
103	Jul 3 2017	09:54: 2.8	6.47	-74.25	Sup	2.4	0.5	84	36	PUERTO BERRIO (ANTIOQUIA)
104	Jul 3 2017	11:07:56.8	5.33	-73.93	167	2.1	0.3	189	10	CARMEN DE CARUPA (CUNDINAMARCA)
105	Jul 3 2017	11:48:16.4	6.84	-73.14	151	3.7	0.6	65	77	LOS SANTOS (SANTANDER)
106	Jul 3 2017	12:34:14.4	5.30	-73.76	144	1.7	0.4	90	14	UBATE (CUNDINAMARCA)
107	Jul 3 2017	13:24:26.2	0.95	-76.98	Sup	2.0	0.6	189	9	SANTIAGO (PUTUMAYO)
108	Jul 3 2017	13:28:27.7	6.80	-73.11	144	2.1	0.6	168	16	LOS SANTOS (SANTANDER)
109	Jul 3 2017	14:02:25.5	6.78	-73.13	154	1.8	0.4	254	10	LOS SANTOS (SANTANDER)
110	Jul 3 2017	14:51:38.9	6.38	-75.07	20	1.1	0.7	95	9	ALEJANDRIA (ANTIOQUIA)
111	Jul 3 2017	15:22:53.0	10.92	-73.61	54	1.7	0.1	150	8	PUEBLO BELO (CESAR)
112	Jul 3 2017	16:39:28.7	7.15	-75.88	Sup	2.2	0.5	73	20	ITUANGO (ANTIOQUIA)
113	Jul 3 2017	17:11:35.2	2.10	-75.64	Sup	0.4	0.7	118	11	GARZON (HUILA)
114	Jul 3 2017	17:21:30.3	6.81	-73.14	148	1.9	0.3	111	14	LOS SANTOS (SANTANDER)
115	Jul 3 2017	17:47: 6.3	1.89	-76.04	21	1.0	0.1	165	7	PITALITO (HUILA)
116	Jul 3 2017	18:19:31.9	6.73	-73.11	145	1.7	0.3	171	16	JORDAN (SANTANDER)
117	Jul 3 2017	21:07:21.7	3.48	-74.20	Sup	1.6	0.6	94	17	MESETAS (META)
118	Jul 4 2017	00:16:37.9	4.70	-76.05	122	1.6	0.4	81	14	ARGELIA (VALLE)
119	Jul 4 2017	00:20:21.4	6.76	-73.13	141	1.8	0.4	96	21	LOS SANTOS (SANTANDER)
120	Jul 4 2017	00:52:53.9	6.78	-73.12	147	1.2	0.2	158	11	LOS SANTOS (SANTANDER)
121	Jul 4 2017	01:22:11.8	6.84	-73.15	151	2.2	0.5	64	44	LOS SANTOS (SANTANDER)
122	Jul 4 2017	01:53:35.5	1.87	-76.00	Sup	0.9	0.3	163	8	PITALITO (HUILA)
123	Jul 4 2017	02:08:25.0	6.68	-73.21	148	1.2	0.3	208	7	VILLANUEVA (SANTANDER)
124	Jul 4 2017	02:23:44.2	6.92	-74.63	9	1.2	0.2	135	11	REMEDIOS (ANTIOQUIA)
125	Jul 4 2017	02:43:57.0	6.88	-73.34	120	1.3	0.4	211	9	BETULIA (SANTANDER)
126	Jul 4 2017	03:25:10.5	5.62	-73.71	132	1.7	0.4	118	26	TINJACA (BOYACA)
127	Jul 4 2017	03:51:12.0	6.80	-73.16	145	1.8	0.4	144	23	LOS SANTOS (SANTANDER)
128	Jul 4 2017	05:37:15.9	6.35	-74.30	16	0.9	0.3	224	8	PUERTO BERRIO (ANTIOQUIA)
129	Jul 4 2017	06:06:26.6	6.94	-74.27	69	1.3	0.3	121	10	YONDO (ANTIOQUIA)
130	Jul 4 2017	06:17: 5.7	7.00	-75.86	Sup	1.2	0.5	151	13	PEQUE (ANTIOQUIA)
131	Jul 4 2017	06:31:49.0	6.73	-73.17	151	1.5	0.3	236	13	VILLANUEVA (SANTANDER)
132	Jul 4 2017	06:54:37.1	6.73	-73.14	144	1.3	0.6	229	11	LOS SANTOS (SANTANDER)
133	Jul 4 2017	06:55:11.7	6.77	-73.14	148	1.4	0.4	251	10	LOS SANTOS (SANTANDER)
134	Jul 4 2017	07:29:58.8	12.79	-71.24	8	2.4	0.4	314	21	MAR CARIBE
135	Jul 4 2017	08:15:35.1	6.74	-73.13	147	1.3	0.2	255	10	LOS SANTOS (SANTANDER)
136	Jul 4 2017	08:23:23.6	6.71	-73.17	150	1.5	0.6	211	12	VILLANUEVA (SANTANDER)
137	Jul 4 2017	08:26:39.0	6.95	-76.20	Sup	0.6	0.2	189	7	URAMITA (ANTIOQUIA)
138	Jul 4 2017	08:30:21.7	6.79	-73.15	144	1.6	0.5	111	22	LOS SANTOS (SANTANDER)
139	Jul 4 2017	08:34:24.3	11.41	-74.07	Sup	2.1	0.7	226	16	MAR CARIBE
140	Jul 4 2017	09:55:59.9	6.82	-73.13	161	1.1	0.2	255	7	LOS SANTOS (SANTANDER)
141	Jul 4 2017	10:25:25.7	6.80	-73.17	145	2.3	0.4	102	32	LOS SANTOS (SANTANDER)
142	Jul 4 2017	11:57:16.1	6.80	-73.13	139	2.4	0.5	101	30	LOS SANTOS (SANTANDER)
143	Jul 4 2017	13:18:25.6	7.25	-73.40	109	2.1	0.5	164	22	SABANA DE TORRES (SANTANDER)
144	Jul 4 2017	13:45:54.5	6.29	-73.12	147	1.6	0.5	292	8	CHARALA (SANTANDER)
145	Jul 4 2017	14:59:23.0	6.79	-73.12	146	1.8	0.5	214	12	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
146	Jul 4 2017	18:10: 0.1	6.67	-73.20	140	1.7	0.5	197	8	VILLANUEVA (SANTANDER)
147	Jul 4 2017	18:47:20.5	4.90	-75.40	Sup	1.4	0.2	191	11	VILLAMARIA (CALDAS)
148	Jul 4 2017	19:27:21.5	3.71	-76.75	101	1.3	0.5	127	10	DAGUA (VALLE)
149	Jul 4 2017	19:47: 3.2	7.19	-75.96	30	1.7	0.5	85	12	PEQUE (ANTIOQUIA)
150	Jul 4 2017	20:28:49.4	5.66	-74.03	114	1.8	0.3	205	16	SAN PABLO DE BORBUR (BOYACA)
151	Jul 4 2017	21:44:54.0	6.85	-73.12	145	2.7	0.6	74	39	LOS SANTOS (SANTANDER)
152	Jul 4 2017	23:06:10.1	7.25	-77.08	18	2.0	0.5	137	14	RIOSUCIO (CHOCO)
153	Jul 4 2017	23:25:47.7	6.66	-76.74	7	1.5	0.5	157	14	VIGIA DEL FUERTE (ANTIOQUIA)
154	Jul 5 2017	00:05:34.7	6.68	-72.13	Sup	2.0	0.6	167	16	CUBARA (BOYACA)
155	Jul 5 2017	00:36:16.6	7.16	-74.96	32	0.9	0.4	123	7	ANORI (ANTIOQUIA)
156	Jul 5 2017	00:49: 6.6	1.37	-78.57	14	1.9	0.6	151	21	ROBERTO PAYAN (NARINO)
157	Jul 5 2017	01:12:33.4	6.85	-73.32	125	2.1	0.3	61	37	BETULIA (SANTANDER)
158	Jul 5 2017	01:31:29.7	6.71	-73.18	146	1.2	0.3	202	7	VILLANUEVA (SANTANDER)
159	Jul 5 2017	01:56:35.9	6.91	-73.17	142	1.9	0.5	133	17	BETULIA (SANTANDER)
160	Jul 5 2017	02:03:44.5	4.15	-76.67	45	1.1	0.1	130	6	CALIMA (VALLE)
161	Jul 5 2017	02:34:24.2	4.77	-77.65	62	1.4	0.5	260	10	O. PACIFICO CENTRO
162	Jul 5 2017	02:51:58.2	7.90	-74.53	45	1.3	0.2	233	7	NECHI (ANTIOQUIA)
163	Jul 5 2017	03:03:56.2	3.99	-76.81	26	1.4	0.6	119	10	BUENAVENTURA (VALLE)
164	Jul 5 2017	03:39:30.7	10.19	-73.22	126	1.5	0.5	146	12	SAN DIEGO (CESAR)
165	Jul 5 2017	03:53:47.7	6.80	-73.14	149	2.2	0.5	66	38	LOS SANTOS (SANTANDER)
166	Jul 5 2017	04:21:23.3	7.07	-76.13	Sup	0.9	0.5	102	9	DABEIBA (ANTIOQUIA)
167	Jul 5 2017	04:56:50.2	4.89	-73.09	Sup	1.8	0.5	92	13	SABANALARGA (CASANARE)
168	Jul 5 2017	05:10:32.3	4.77	-74.73	20	1.2	0.5	130	11	AMBALEMA (TOLIMA)
169	Jul 5 2017	05:29:50.7	2.01	-75.83	Sup	1.4	0.5	122	11	SUAZA (HUILA)
170	Jul 5 2017	05:39:37.4	6.71	-73.14	147	1.5	0.3	162	10	JORDAN (SANTANDER)
171	Jul 5 2017	05:48: 9.6	6.83	-73.15	149	2.3	0.5	64	40	LOS SANTOS (SANTANDER)
172	Jul 5 2017	05:52:56.1	5.69	-74.23	Sup	1.1	0.4	141	13	OTANCHE (BOYACA)
173	Jul 5 2017	06:01: 7.0	2.47	-75.38	10	2.3	0.6	96	24	ALGECIRAS (HUILA)
174	Jul 5 2017	06:43:45.8	6.63	-73.05	168	2.3	0.5	72	43	CURITI (SANTANDER)
175	Jul 5 2017	06:52:31.4	5.82	-72.55	Sup	1.5	0.5	107	18	PISVA (BOYACA)
176	Jul 5 2017	07:03:35.8	6.82	-73.12	150	2.3	0.5	67	41	LOS SANTOS (SANTANDER)
177	Jul 5 2017	07:28: 8.8	6.81	-73.05	149	1.5	0.4	177	13	LOS SANTOS (SANTANDER)
178	Jul 5 2017	07:47:18.3	10.05	-72.94	Sup	1.8	0.5	145	17	FRONTERA CON VENEZUELA
179	Jul 5 2017	07:59:27.4	10.70	-72.79	Sup	1.1	0.3	168	8	MANAURE BALCON CESAR (CESAR)
180	Jul 5 2017	08:09:19.2	5.45	-77.79	45	2.3	0.2	248	10	O. PACIFICO CENTRO
181	Jul 5 2017	08:25:23.5	7.40	-72.26	Sup	0.8	0.2	327	8	FRONTERA CON VENEZUELA
182	Jul 5 2017	08:32:57.6	11.00	-73.80	Sup	2.6	0.5	198	29	PUEBLO BELLO (CESAR)
183	Jul 5 2017	08:49:42.5	6.97	-74.97	Sup	1.5	0.5	109	14	AMALFI (ANTIOQUIA)
184	Jul 5 2017	09:33:18.8	4.84	-75.57	21	1.1	0.6	132	11	SANTA ROSA DE CABAL (RISARALDA)
185	Jul 5 2017	09:38:57.7	7.70	-72.51	Sup	1.4	0.4	245	12	LOS PATIOS (N.SANTANDER)
186	Jul 5 2017	09:58: 1.7	4.85	-75.55	21	1.1	0.5	113	11	SANTA ROSA DE CABAL (RISARALDA)
187	Jul 5 2017	10:22:41.5	5.66	-74.24	6	1.3	0.2	153	14	OTANCHE (BOYACA)
188	Jul 5 2017	10:43:45.1	4.82	-75.58	Sup	2.2	0.5	98	29	SANTA ROSA DE CABAL (RISARALDA)
189	Jul 5 2017	11:02:46.7	6.88	-76.73	18	2.8	0.6	85	39	MURINDO (ANTIOQUIA)
190	Jul 5 2017	11:32: 1.8	2.78	-76.92	113	1.5	0.4	183	12	SUAREZ (CAUCA)
191	Jul 5 2017	12:10:18.7	6.78	-73.14	143	2.4	0.6	99	32	LOS SANTOS (SANTANDER)
192	Jul 5 2017	12:23: 3.7	6.76	-73.13	146	1.9	0.4	97	16	LOS SANTOS (SANTANDER)
193	Jul 5 2017	13:26:45.8	6.80	-73.15	146	2.4	0.5	102	33	LOS SANTOS (SANTANDER)
194	Jul 5 2017	13:34:17.2	2.48	-75.36	22	1.6	0.4	193	9	ALGECIRAS (HUILA)
195	Jul 5 2017	14:14: 8.1	6.84	-73.28	121	1.8	0.2	216	10	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
196	Jul 5 2017	15:18:56.9	5.65	-73.06	Sup	2.0	0.6	89	19	FIRAVITOBA (BOYACA)
197	Jul 5 2017	16:21:49.7	6.79	-73.13	143	2.3	0.4	113	20	LOS SANTOS (SANTANDER)
198	Jul 5 2017	16:47:40.3	6.82	-73.12	155	3.6	0.6	67	79	LOS SANTOS (SANTANDER)
199	Jul 5 2017	18:50:15.5	6.72	-73.11	140	1.6	0.5	175	13	JORDAN (SANTANDER)
200	Jul 5 2017	19:58:44.0	6.52	-73.44	129	1.6	0.4	161	12	SIMACOTA (SANTANDER)
201	Jul 5 2017	20:24:34.8	6.92	-76.17	Sup	1.6	0.5	166	16	URAMITA (ANTIOQUIA)
202	Jul 5 2017	20:32:35.6	6.82	-73.13	141	2.4	0.6	112	32	LOS SANTOS (SANTANDER)
203	Jul 5 2017	20:35:35.9	6.79	-73.11	142	1.7	0.4	161	12	LOS SANTOS (SANTANDER)
204	Jul 5 2017	21:51: 9.5	6.87	-73.11	148	3.0	0.6	66	58	LOS SANTOS (SANTANDER)
205	Jul 5 2017	22:47:32.9	5.68	-73.01	Sup	1.2	0.3	151	8	FIRAVITOBA (BOYACA)
206	Jul 5 2017	23:21:48.5	2.44	-77.23	85	2.2	0.4	141	22	ARGELIA (CAUCA)
207	Jul 5 2017	23:36:29.9	5.30	-73.76	144	1.6	0.4	259	10	UBATE (CUNDINAMARCA)
208	Jul 6 2017	00:16:36.3	4.82	-75.59	6	1.1	0.3	115	16	SANTA ROSA DE CABAL (RISARALDA)
209	Jul 6 2017	00:30:35.9	5.48	-77.73	50	1.7	0.3	193	13	O. PACIFICO CENTRO
210	Jul 6 2017	00:40:37.4	3.53	-74.17	Sup	1.8	0.6	95	17	LEJANIAS (META)
211	Jul 6 2017	00:41: 2.9	6.13	-72.82	Sup	1.4	0.4	176	8	TUTAZA (BOYACA)
212	Jul 6 2017	01:26:37.0	1.91	-76.04	Sup	2.3	0.4	112	28	PITALITO (HUILA)
213	Jul 6 2017	01:51:40.6	4.41	-76.23	112	1.1	0.2	160	8	ROLDANILLO (VALLE)
214	Jul 6 2017	02:15:32.6	4.18	-76.23	108	1.7	0.6	110	12	RIOFRIO (VALLE)
215	Jul 6 2017	02:15:48.6	6.77	-73.17	150	1.4	0.3	241	9	LOS SANTOS (SANTANDER)
216	Jul 6 2017	02:53:14.7	6.52	-73.54	113	1.6	0.2	95	17	EL CARMEN (SANTANDER)
217	Jul 6 2017	04:09:29.6	2.38	-75.64	Sup	0.8	0.4	194	7	GIGANTE (HUILA)
218	Jul 6 2017	04:20:46.2	4.83	-75.58	Sup	1.1	0.5	115	15	SANTA ROSA DE CABAL (RISARALDA)
219	Jul 6 2017	04:30:15.8	4.81	-76.29	102	1.4	0.3	176	10	EL CAIRO (VALLE)
220	Jul 6 2017	04:38:44.8	6.53	-73.28	153	1.0	0.3	212	7	PALMAR (SANTANDER)
221	Jul 6 2017	04:54:11.3	6.67	-73.19	147	1.1	0.1	220	7	VILLANUEVA (SANTANDER)
222	Jul 6 2017	07:01:17.5	2.83	-78.10	Sup	2.1	0.5	145	31	O. PACIFICO SUR
223	Jul 6 2017	07:02:37.0	6.17	-72.96	Sup	1.7	0.4	170	12	ENCINO (SANTANDER)
224	Jul 6 2017	07:07:56.5	6.53	-73.75	87	0.7	0.3	187	6	SANTA HELENA DEL OPO (SANTANDER)
225	Jul 6 2017	07:15:58.8	6.73	-73.16	145	1.4	0.3	244	10	VILLANUEVA (SANTANDER)
226	Jul 6 2017	08:06:42.1	6.76	-73.10	144	1.4	0.4	265	12	LOS SANTOS (SANTANDER)
227	Jul 6 2017	08:15:32.4	6.72	-73.18	145	1.4	0.4	233	11	VILLANUEVA (SANTANDER)
228	Jul 6 2017	08:51:58.8	7.23	-77.03	52	1.5	0.2	232	13	RIOSUCIO (CHOCO)
229	Jul 6 2017	09:28:50.8	6.01	-73.56	128	1.6	0.4	179	20	GUEPSA (SANTANDER)
230	Jul 6 2017	09:48:10.4	3.92	-76.90	29	1.3	0.3	120	8	BUENAVENTURA (VALLE)
231	Jul 6 2017	10:28:24.7	6.84	-73.14	152	3.4	0.7	64	71	LOS SANTOS (SANTANDER)
232	Jul 6 2017	10:39: 0.9	6.79	-73.07	142	1.4	0.2	173	10	LOS SANTOS (SANTANDER)
233	Jul 6 2017	10:41:37.0	6.79	-73.08	149	1.6	0.4	170	11	LOS SANTOS (SANTANDER)
234	Jul 6 2017	10:54:47.8	6.72	-73.19	149	1.3	0.4	229	8	VILLANUEVA (SANTANDER)
235	Jul 6 2017	11:26:30.6	6.72	-73.11	141	1.7	0.3	170	11	JORDAN (SANTANDER)
236	Jul 6 2017	13:37:58.6	5.50	-75.48	13	1.1	0.4	133	9	PACORA (CALDAS)
237	Jul 6 2017	14:49:37.3	5.41	-77.62	30	2.0	0.5	266	16	O. PACIFICO CENTRO
238	Jul 6 2017	15:50:38.8	5.01	-77.63	30	1.8	0.3	294	8	O. PACIFICO CENTRO
239	Jul 6 2017	16:03:26.8	4.71	-74.64	Sup	2.2	0.5	183	12	PULI (CUNDINAMARCA)
240	Jul 6 2017	17:16:14.8	6.32	-76.73	11	2.0	0.6	145	15	BOJAYA (CHOCO)
241	Jul 6 2017	17:46:46.0	6.87	-76.31	Sup	2.2	0.8	117	20	DABEIBA (ANTIOQUIA)
242	Jul 6 2017	17:48:37.0	6.86	-76.21	Sup	2.2	0.8	172	18	URAMITA (ANTIOQUIA)
243	Jul 6 2017	18:45: 2.5	2.06	-76.04	Sup	1.4	0.4	131	10	SALADOBLANCO (HUILA)
244	Jul 6 2017	19:00:14.6	6.87	-73.12	146	2.3	0.8	111	35	LOS SANTOS (SANTANDER)
245	Jul 6 2017	19:02: 9.6	6.80	-73.17	138	2.0	0.5	109	25	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
246	Jul 6 2017	19:38:21.2	6.44	-73.63	104	1.8	0.4	137	14	SANTA HELENA DEL OPOON (SANTANDER)
247	Jul 6 2017	19:53:59.9	5.44	-73.76	154	1.7	0.3	132	12	SUSA (CUNDINAMARCA)
248	Jul 6 2017	21:16: 8.3	6.76	-73.15	141	2.1	0.4	112	15	LOS SANTOS (SANTANDER)
249	Jul 6 2017	21:24:11.7	6.80	-73.17	142	2.2	0.4	109	21	LOS SANTOS (SANTANDER)
250	Jul 6 2017	21:30:29.7	7.45	-76.63	Sup	2.2	0.6	209	20	CHIGORODO (ANTIOQUIA)
251	Jul 6 2017	21:44: 4.4	5.75	-76.00	70	1.3	0.2	227	8	BETANIA (ANTIOQUIA)
252	Jul 6 2017	21:57: 6.9	6.75	-73.12	134	1.9	0.2	115	14	LOS SANTOS (SANTANDER)
253	Jul 6 2017	22:16:21.3	6.57	-73.45	117	1.9	0.4	76	20	EL CARMEN (SANTANDER)
254	Jul 6 2017	23:13:41.1	5.73	-75.97	60	1.7	0.4	143	15	BETANIA (ANTIOQUIA)
255	Jul 7 2017	00:08:43.8	5.24	-73.70	155	2.8	0.6	56	38	CUCUNUBA (CUNDINAMARCA)
256	Jul 7 2017	01:00:52.1	5.97	-73.66	127	1.4	0.6	117	14	VELEZ (SANTANDER)
257	Jul 7 2017	01:06:16.3	7.32	-73.76	93	1.4	0.5	170	9	PUERTO WILCHES (SANTANDER)
258	Jul 7 2017	01:31:23.5	6.77	-73.13	145	1.6	0.4	159	10	LOS SANTOS (SANTANDER)
259	Jul 7 2017	01:39:20.7	7.30	-73.36	116	2.4	0.4	165	30	SABANA DE TORRES (SANTANDER)
260	Jul 7 2017	01:49:31.7	4.84	-75.59	Sup	0.8	0.4	75	15	SANTA ROSA DE CABAL (RISARALDA)
261	Jul 7 2017	02:36:50.1	7.57	-73.01	158	1.7	0.4	219	10	CACHIRA (N.SANTANDER)
262	Jul 7 2017	02:38:10.7	6.80	-73.14	140	2.4	0.5	101	39	LOS SANTOS (SANTANDER)
263	Jul 7 2017	03:27:49.6	6.78	-73.16	139	1.9	0.5	111	16	LOS SANTOS (SANTANDER)
264	Jul 7 2017	03:29:42.7	7.22	-73.33	135	1.2	0.2	247	8	LEBRIJA (SANTANDER)
265	Jul 7 2017	04:23:46.7	6.81	-73.11	142	2.6	0.6	67	54	LOS SANTOS (SANTANDER)
266	Jul 7 2017	04:52:49.4	7.06	-73.17	146	1.9	0.6	230	13	GIRON (SANTANDER)
267	Jul 7 2017	06:18:40.0	6.72	-73.13	143	1.3	0.3	165	10	JORDAN (SANTANDER)
268	Jul 7 2017	06:22:33.7	6.80	-73.14	148	2.0	0.4	101	28	LOS SANTOS (SANTANDER)
269	Jul 7 2017	06:29:51.7	6.65	-73.16	150	1.4	0.2	249	8	VILLANUEVA (SANTANDER)
270	Jul 7 2017	07:03: 6.1	11.16	-73.26	51	2.4	0.3	157	17	LA PAZ (CESAR)
271	Jul 7 2017	07:05:19.9	8.35	-74.53	6	2.9	0.7	77	48	MONTECRISTO (BOLIVAR)
272	Jul 7 2017	07:14:39.2	6.67	-73.18	142	1.2	0.1	231	8	VILLANUEVA (SANTANDER)
273	Jul 7 2017	07:42:41.4	6.50	-73.03	134	1.5	0.2	128	12	MOGOTES (SANTANDER)
274	Jul 7 2017	07:48:52.0	6.80	-73.14	149	1.8	0.4	101	17	LOS SANTOS (SANTANDER)
275	Jul 7 2017	08:39:36.3	5.68	-75.91	52	1.5	0.3	127	16	ANDES (ANTIOQUIA)
276	Jul 7 2017	09:05:13.4	6.76	-73.15	149	1.5	0.5	246	9	LOS SANTOS (SANTANDER)
277	Jul 7 2017	10:09:16.7	4.50	-76.40	116	1.1	0.2	184	8	EL DOVIO (VALLE)
278	Jul 7 2017	10:31:13.8	2.32	-75.65	12	1.2	0.0	117	7	GIGANTE (HUILA)
279	Jul 7 2017	11:18:39.7	6.84	-73.13	150	1.9	0.5	186	19	LOS SANTOS (SANTANDER)
280	Jul 7 2017	12:42:14.5	2.49	-75.69	12	1.2	0.2	200	8	TESALIA (HUILA)
281	Jul 7 2017	13:21:38.3	3.87	-76.29	117	1.4	0.3	126	10	BUGA (VALLE)
282	Jul 7 2017	14:19:34.7	6.67	-72.17	Sup	1.8	0.5	160	9	GUICAN (BOYACA)
283	Jul 7 2017	14:32:56.6	6.97	-77.05	6	2.2	0.5	147	14	MURINDO (ANTIOQUIA)
284	Jul 7 2017	16:36:13.0	0.49	-76.18	Sup	2.5	0.4	242	22	PUERTO ASIS (PUTUMAYO)
285	Jul 7 2017	17:16: 0.7	4.75	-76.16	119	1.8	0.3	128	10	ARGELIA (VALLE)
286	Jul 7 2017	17:46:46.0	6.70	-73.12	143	1.5	0.3	173	10	JORDAN (SANTANDER)
287	Jul 7 2017	17:56:54.3	4.76	-76.16	116	1.3	0.3	127	11	ARGELIA (VALLE)
288	Jul 7 2017	18:09:25.1	6.73	-73.11	135	1.7	0.4	173	13	JORDAN (SANTANDER)
289	Jul 7 2017	20:19:42.6	6.73	-73.10	140	1.9	0.4	175	16	JORDAN (SANTANDER)
290	Jul 7 2017	20:19:59.8	2.44	-75.61	Sup	1.4	0.4	120	12	GIGANTE (HUILA)
291	Jul 7 2017	20:27:51.1	7.30	-76.48	Sup	1.3	0.5	190	10	MUTATA (ANTIOQUIA)
292	Jul 7 2017	20:29:51.0	4.65	-77.78	26	1.8	0.5	269	10	O. PACIFICO CENTRO
293	Jul 7 2017	21:18:51.0	10.26	-72.96	127	2.2	0.5	141	16	MANAURE BALCON CESAR (CESAR)
294	Jul 7 2017	21:34:51.7	6.79	-73.17	148	1.8	0.4	242	12	LOS SANTOS (SANTANDER)
295	Jul 7 2017	21:40:45.7	7.30	-73.32	111	2.3	0.5	122	24	RIONEGRO (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
296	Jul 7 2017	22:25:36.9	3.53	-76.23	137	1.8	0.5	88	18	PALMIRA (VALLE)
297	Jul 7 2017	23:22:27.4	6.80	-73.14	141	2.5	0.5	112	40	LOS SANTOS (SANTANDER)
298	Jul 8 2017	02:10:47.4	6.73	-73.15	146	1.7	0.5	206	20	LOS SANTOS (SANTANDER)
299	Jul 8 2017	03:09:45.7	6.76	-73.19	144	1.2	0.3	206	9	LOS SANTOS (SANTANDER)
300	Jul 8 2017	03:23:57.0	6.71	-73.17	149	1.0	0.1	240	6	VILLANUEVA (SANTANDER)
301	Jul 8 2017	03:42:55.2	6.61	-73.17	133	1.3	0.2	243	6	BARICHARA (SANTANDER)
302	Jul 8 2017	04:03:56.4	6.81	-73.20	140	1.4	0.4	210	15	ZAPATOCA (SANTANDER)
303	Jul 8 2017	04:06:50.3	6.13	-73.67	114	1.5	0.3	99	15	CHIPATA (SANTANDER)
304	Jul 8 2017	04:09:21.8	6.83	-73.11	148	1.9	0.5	186	24	LOS SANTOS (SANTANDER)
305	Jul 8 2017	04:30:50.7	9.66	-73.33	116	1.8	0.5	136	19	BECERRIL (CESAR)
306	Jul 8 2017	04:42:41.0	6.12	-73.29	170	2.3	0.5	65	42	OIBA (SANTANDER)
307	Jul 8 2017	05:07:56.0	6.41	-73.54	117	1.5	0.2	126	14	SANTA HELENA DEL OPO (SANTANDER)
308	Jul 8 2017	05:22:48.5	6.95	-73.34	128	1.2	0.4	223	8	BETULIA (SANTANDER)
309	Jul 8 2017	06:06: 2.5	4.63	-73.26	Sup	1.9	0.7	62	25	MEDINA (CUNDINAMARCA)
310	Jul 8 2017	06:30:41.3	4.80	-75.90	38	1.5	0.4	90	18	CARTAGO (VALLE)
311	Jul 8 2017	06:32:48.4	7.37	-73.47	Sup	1.1	0.5	178	9	SABANA DE TORRES (SANTANDER)
312	Jul 8 2017	07:10:23.6	5.74	-74.15	106	0.8	0.3	201	9	OTANCHE (BOYACA)
313	Jul 8 2017	07:14:34.4	6.76	-73.14	147	1.6	0.4	113	20	LOS SANTOS (SANTANDER)
314	Jul 8 2017	07:38:34.8	2.70	-76.59	124	1.1	0.2	196	8	MORALES (CAUCA)
315	Jul 8 2017	07:44: 1.5	6.76	-73.16	143	1.5	0.4	243	12	LOS SANTOS (SANTANDER)
316	Jul 8 2017	07:45:53.0	7.55	-75.85	Sup	1.1	0.4	158	7	PUERTO LIBERTADOR (CORDOBA)
317	Jul 8 2017	08:42: 6.1	6.73	-73.12	150	1.7	0.3	209	19	JORDAN (SANTANDER)
318	Jul 8 2017	08:48:13.9	2.47	-75.38	Sup	2.1	0.4	96	33	ALGECIRAS (HUILA)
319	Jul 8 2017	08:52: 8.1	6.63	-73.18	146	1.3	0.2	220	8	BARICHARA (SANTANDER)
320	Jul 8 2017	08:55:27.1	6.80	-73.14	145	1.6	0.4	112	12	LOS SANTOS (SANTANDER)
321	Jul 8 2017	08:56: 6.7	6.73	-73.18	156	1.4	0.1	232	7	VILLANUEVA (SANTANDER)
322	Jul 8 2017	09:07:40.1	6.73	-73.18	155	1.2	0.3	232	8	VILLANUEVA (SANTANDER)
323	Jul 8 2017	09:12:18.4	6.72	-73.21	151	0.9	0.2	220	6	VILLANUEVA (SANTANDER)
324	Jul 8 2017	09:17:48.4	6.61	-73.18	144	1.1	0.3	223	7	BARICHARA (SANTANDER)
325	Jul 8 2017	09:22:44.5	5.80	-78.39	10	1.8	0.5	205	17	O. PACIFICO NORTE
326	Jul 8 2017	10:13:35.9	6.61	-73.20	139	1.3	0.1	175	7	BARICHARA (SANTANDER)
327	Jul 8 2017	10:25:14.2	6.79	-73.14	146	2.1	0.4	100	34	LOS SANTOS (SANTANDER)
328	Jul 8 2017	11:20:30.8	7.08	-78.08	Sup	1.9	0.6	200	9	O. PACIFICO NORTE
329	Jul 8 2017	11:37:18.5	7.01	-76.34	15	1.4	0.5	244	8	DABEIBA (ANTIOQUIA)
330	Jul 8 2017	12:23:15.1	2.09	-75.69	19	1.1	0.3	109	10	ALTAMIRA (HUILA)
331	Jul 8 2017	12:29:21.8	3.23	-76.75	14	1.7	0.3	150	13	JAMUNDI (VALLE)
332	Jul 8 2017	13:11:16.9	6.72	-73.16	142	1.6	0.2	150	8	VILLANUEVA (SANTANDER)
333	Jul 8 2017	13:35:17.6	5.15	-73.04	Sup	1.9	0.6	142	20	PAEZ (BOYACA)
334	Jul 8 2017	14:29:22.3	6.77	-73.14	145	1.8	0.4	113	15	LOS SANTOS (SANTANDER)
335	Jul 8 2017	14:43:51.0	3.93	-76.16	113	2.2	0.5	77	22	SAN PEDRO (VALLE)
336	Jul 8 2017	16:41:17.0	10.76	-72.68	27	2.3	0.1	210	11	MANAURE BALCON CESAR (CESAR)
337	Jul 8 2017	18:22:53.2	7.01	-72.01	Sup	1.6	0.4	223	10	CUBARA (BOYACA)
<u>338</u>	<u>Jul 8 2017</u>	<u>22:23:35.2</u>	<u>6.83</u>	<u>-73.11</u>	<u>156</u>	<u>4.3*</u>	<u>0.9</u>	<u>67</u>	<u>95</u>	<u>LOS SANTOS (SANTANDER)</u>
339	Jul 8 2017	23:27:41.9	5.94	-73.75	110	1.6	0.4	186	16	SUCRE (SANTANDER)
340	Jul 9 2017	00:14:25.8	6.81	-73.16	146	2.0	0.4	109	16	LOS SANTOS (SANTANDER)
341	Jul 9 2017	01:08: 3.5	6.81	-76.43	43	1.4	0.5	248	8	DABEIBA (ANTIOQUIA)
342	Jul 9 2017	01:18:36.8	7.42	-73.19	134	1.6	0.1	187	8	EL PLAYON (SANTANDER)
343	Jul 9 2017	03:11:31.8	9.81	-72.91	Sup	1.6	0.6	231	10	FRONTERA CON VENEZUELA

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
344	Jul 9 2017	03:45:24.1	4.11	-78.90	32	2.5	0.6	153	25	O. PACIFICO CENTRO
345	Jul 9 2017	04:52:38.2	3.46	-74.30	Sup	2.1	0.5	224	17	URIBE (META)
346	Jul 9 2017	05:03:27.7	6.15	-73.74	101	1.6	0.4	123	16	LANDAZURI (SANTANDER)
347	Jul 9 2017	05:38:10.4	7.09	-73.28	121	1.9	0.6	227	18	LEBRIJA (SANTANDER)
348	Jul 9 2017	05:43:11.3	6.77	-73.13	144	1.9	0.4	164	20	LOS SANTOS (SANTANDER)
349	Jul 9 2017	05:56:31.2	6.83	-73.16	151	4.1*	0.5	64	80	LOS SANTOS (SANTANDER)
350	Jul 9 2017	06:49:27.8	6.74	-73.12	142	2.2	0.6	94	28	LOS SANTOS (SANTANDER)
351	Jul 9 2017	06:59: 7.6	6.81	-73.09	143	2.2	0.6	187	30	LOS SANTOS (SANTANDER)
352	Jul 9 2017	07:43:32.1	3.96	-76.46	127	2.6	0.6	71	53	CALIMA (VALLE)
353	Jul 9 2017	07:53: 8.4	6.74	-73.17	144	1.5	0.4	240	10	LOS SANTOS (SANTANDER)
354	Jul 9 2017	08:52: 5.2	8.23	-73.02	153	1.7	0.3	194	11	HACARI (N.SANTANDER)
355	Jul 9 2017	09:05:58.9	6.78	-73.12	146	1.8	0.5	258	18	LOS SANTOS (SANTANDER)
356	Jul 9 2017	09:27: 6.3	6.40	-73.66	111	1.3	0.2	141	7	SANTA HELENA DEL OPON (SANTANDER)
357	Jul 9 2017	09:32:41.6	6.81	-76.50	44	1.1	0.3	253	9	MURINDO (ANTIOQUIA)
358	Jul 9 2017	09:40:50.3	4.61	-76.20	Sup	0.9	0.3	151	10	VERSALES (VALLE)
359	Jul 9 2017	10:33: 5.5	2.38	-75.54	Sup	2.2	0.6	77	35	GIGANTE (HUILA)
360	Jul 9 2017	11:24:58.8	6.81	-73.13	144	2.0	0.4	112	22	LOS SANTOS (SANTANDER)
361	Jul 9 2017	11:44:18.5	6.65	-73.13	135	1.7	0.5	201	16	VILLANUEVA (SANTANDER)
362	Jul 9 2017	12:23: 3.2	6.78	-73.14	134	1.7	0.3	280	12	LOS SANTOS (SANTANDER)
363	Jul 9 2017	12:41:34.8	4.80	-76.24	109	1.3	0.3	146	8	EL CAIRO (VALLE)
364	Jul 9 2017	14:55: 8.7	5.97	-75.14	Sup	0.7	0.5	111	10	SAN FRANCISCO (ANTIOQUIA)
365	Jul 9 2017	15:01:11.8	7.07	-76.18	7	1.5	0.4	125	12	DABEIBA (ANTIOQUIA)
366	Jul 9 2017	15:31:34.3	6.78	-73.13	152	1.6	0.4	280	12	LOS SANTOS (SANTANDER)
367	Jul 9 2017	15:51: 4.4	2.35	-75.40	Sup	1.6	0.3	247	7	GIGANTE (HUILA)
368	Jul 9 2017	16:00:48.9	6.80	-73.16	144	1.9	0.4	110	19	LOS SANTOS (SANTANDER)
369	Jul 9 2017	16:08:41.8	8.36	-73.19	129	2.1	0.2	300	12	SAN CALIXTO (N.SANTANDER)
370	Jul 9 2017	19:07:46.2	6.78	-73.11	140	1.8	0.3	282	10	LOS SANTOS (SANTANDER)
371	Jul 9 2017	19:11:31.4	7.79	-75.17	14	1.3	0.4	230	8	CAUCASIA (ANTIOQUIA)
372	Jul 9 2017	19:21:31.9	7.10	-76.18	Sup	1.4	0.6	141	15	DABEIBA (ANTIOQUIA)
373	Jul 9 2017	19:31:14.2	6.78	-73.14	142	2.1	0.4	112	19	LOS SANTOS (SANTANDER)
374	Jul 9 2017	19:33:24.3	2.46	-75.36	17	2.4	0.7	96	25	ALGECIRAS (HUILA)
375	Jul 9 2017	19:40: 2.2	12.18	-73.35	Sup	1.7	0.4	249	8	MAR CARIBE
376	Jul 9 2017	19:48:46.2	6.85	-73.12	145	1.9	0.5	187	20	LOS SANTOS (SANTANDER)
377	Jul 9 2017	20:13:39.4	5.08	-74.85	Sup	1.1	0.2	270	10	ARMERO (TOLIMA)
378	Jul 9 2017	20:32:55.9	3.28	-74.44	Sup	2.1	0.8	68	33	URIBE (META)
379	Jul 9 2017	21:11:35.1	6.81	-73.16	138	1.1	0.4	144	11	LOS SANTOS (SANTANDER)
380	Jul 9 2017	21:42:42.9	6.75	-73.12	149	1.7	0.4	164	14	LOS SANTOS (SANTANDER)
381	Jul 9 2017	22:23:11.3	6.52	-73.03	133	1.5	0.2	208	11	MOGOTES (SANTANDER)
382	Jul 9 2017	22:44:56.3	4.93	-74.84	Sup	1.5	0.4	154	14	LERIDA (TOLIMA)
383	Jul 9 2017	23:30:57.5	8.50	-77.69	66	2.0	0.3	133	15	FRONTERA CON PANAMA
384	Jul 9 2017	23:37: 8.5	5.60	-74.70	Sup	1.5	0.6	60	21	PUERTO SALGAR (CUNDINAMARCA)
385	Jul 9 2017	23:45:19.2	9.41	-72.99	8	1.4	0.5	201	11	FRONTERA CON VENEZUELA
386	Jul 10 2017	00:33:58.4	5.80	-76.00	68	1.4	0.2	153	16	CIUDAD BOLIVAR (ANTIOQUIA)
387	Jul 10 2017	00:43:53.7	7.22	-75.25	7	1.9	0.4	86	26	ANORI (ANTIOQUIA)
388	Jul 10 2017	00:45:30.9	3.91	-71.40	Sup	2.4	0.8	231	12	PUERTO GAITAN (META)
389	Jul 10 2017	00:58: 7.6	2.35	-79.21	7	2.1	0.3	249	20	O. PACIFICO SUR
390	Jul 10 2017	01:15:39.3	6.67	-73.12	146	1.5	0.3	185	10	VILLANUEVA (SANTANDER)
391	Jul 10 2017	01:39: 4.3	6.52	-74.72	Sup	2.6	0.4	68	27	MACEO (ANTIOQUIA)
392	Jul 10 2017	04:16: 2.3	6.78	-73.15	139	2.1	0.5	111	22	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
393	Jul 10 2017	04:19:51.2	7.31	-74.71	Sup	1.7	0.4	127	24	ZARAGOZA (ANTIOQUIA)
394	Jul 10 2017	04:36:15.6	6.79	-73.14	142	2.0	0.5	113	24	LOS SANTOS (SANTANDER)
395	Jul 10 2017	04:37:32.2	6.78	-73.13	144	2.1	0.4	114	26	LOS SANTOS (SANTANDER)
396	Jul 10 2017	05:35:12.0	6.66	-73.17	149	1.3	0.1	238	8	VILLANUEVA (SANTANDER)
397	Jul 10 2017	05:46:47.0	7.48	-73.18	133	1.2	0.5	196	12	EL PLAYON (SANTANDER)
398	Jul 10 2017	06:00:38.4	8.52	-73.49	136	1.4	0.4	273	12	EL CARMEN (N.SANTANDER)
399	Jul 10 2017	06:02:54.7	7.29	-73.18	128	1.2	0.3	169	9	RIONEGRO (SANTANDER)
400	Jul 10 2017	06:17:35.5	6.75	-73.15	146	1.5	0.5	208	14	LOS SANTOS (SANTANDER)
401	Jul 10 2017	06:32:53.6	3.42	-74.58	Sup	1.4	0.3	174	10	COLOMBIA (HUILA)
402	Jul 10 2017	06:53:42.5	7.05	-73.12	157	1.2	0.2	263	8	FLORIDABLANCA (SANTANDER)
403	Jul 10 2017	07:01:29.6	6.69	-73.12	139	1.1	0.4	265	10	JORDAN (SANTANDER)
404	Jul 10 2017	07:02:42.5	6.78	-73.18	151	1.2	0.3	239	10	LOS SANTOS (SANTANDER)
405	Jul 10 2017	07:34:52.0	5.00	-75.49	12	0.4	0.4	280	7	VILLAMARIA (CALDAS)
406	Jul 10 2017	07:35:18.6	3.95	-71.39	Sup	1.3	0.4	243	7	PUERTO GAITAN (META)
407	Jul 10 2017	07:49:27.1	6.70	-73.21	150	1.3	0.2	198	8	VILLANUEVA (SANTANDER)
408	Jul 10 2017	08:40:43.1	8.83	-73.57	124	1.2	0.2	285	7	PAILITAS (CESAR)
409	Jul 10 2017	09:28:40.9	6.80	-73.18	149	1.6	0.4	108	21	ZAPATOCA (SANTANDER)
410	Jul 10 2017	09:37:43.2	7.28	-73.39	109	1.1	0.4	245	8	SABANA DE TORRES (SANTANDER)
411	Jul 10 2017	10:00:47.3	6.78	-73.18	147	2.0	0.3	208	20	ZAPATOCA (SANTANDER)
412	Jul 10 2017	10:04:38.0	4.39	-76.22	108	1.5	0.4	108	16	BOLIVAR (VALLE)
413	Jul 10 2017	10:11: 8.0	4.78	-73.15	8	2.1	0.3	194	7	SAN LUIS DE GACENO (BOYACA)
414	Jul 10 2017	10:33:32.8	10.55	-73.54	Sup	1.8	0.6	102	10	PUEBLO BELLO (CESAR)
415	Jul 10 2017	11:01:32.3	5.35	-76.72	Sup	1.5	0.4	205	9	EL CANTON DEL SAN PABL (CHOCO)
416	Jul 10 2017	11:48:23.1	10.91	-73.86	26	1.8	0.4	138	9	PUEBLO BELLO (CESAR)
417	Jul 10 2017	11:56:26.9	6.75	-73.08	139	1.8	0.3	271	12	LOS SANTOS (SANTANDER)
418	Jul 10 2017	12:34:21.6	6.84	-73.17	154	1.6	0.6	215	10	ZAPATOCA (SANTANDER)
419	Jul 10 2017	12:51:35.4	6.77	-73.14	142	2.4	0.5	170	32	LOS SANTOS (SANTANDER)
420	Jul 10 2017	12:54:14.8	4.09	-76.70	28	0.8	0.4	125	8	CALIMA (VALLE)
421	Jul 10 2017	12:59:33.6	6.78	-73.16	143	2.0	0.4	111	19	LOS SANTOS (SANTANDER)
422	Jul 10 2017	14:05:19.3	6.84	-74.03	76	1.4	0.4	103	11	PUERTO PARRA (SANTANDER)
423	Jul 10 2017	14:26: 5.3	10.44	-73.48	85	1.8	0.3	91	12	PUEBLO BELLO (CESAR)
424	Jul 10 2017	14:53: 1.3	6.32	-74.04	31	1.7	0.4	155	13	CIMITARRA (SANTANDER)
425	Jul 10 2017	16:08:13.5	4.02	-76.35	137	1.2	0.4	163	9	SAN PEDRO (VALLE)
426	Jul 10 2017	16:29:24.8	10.69	-73.91	29	1.6	0.4	105	11	PUEBLO BELLO (CESAR)
427	Jul 10 2017	17:07:53.5	3.45	-74.26	Sup	2.0	0.7	91	22	MESETAS (META)
428	Jul 10 2017	17:35:13.6	6.73	-73.11	141	1.8	0.2	172	13	JORDAN (SANTANDER)
429	Jul 10 2017	18:40:13.9	6.99	-73.48	109	1.6	0.4	129	10	SAN VICENTE DE CHUCURI (SANTANDER)
430	Jul 10 2017	19:11:42.2	10.06	-74.86	8	1.9	0.3	182	11	EL GUAMO (BOLIVAR)
431	Jul 10 2017	19:24: 6.4	6.82	-73.33	120	2.0	0.3	104	16	ZAPATOCA (SANTANDER)
432	Jul 10 2017	19:45: 3.8	4.67	-73.25	Sup	2.2	0.7	143	11	SAN LUIS DE GACENO (BOYACA)
433	Jul 10 2017	20:55:18.3	4.81	-75.60	Sup	1.8	0.5	114	18	SANTA ROSA DE CABAL (RISARALDA)
434	Jul 10 2017	21:30:29.7	7.46	-75.53	48	1.6	0.2	123	8	TARAZA (ANTIOQUIA)
435	Jul 10 2017	22:14:18.3	6.82	-73.15	150	2.1	0.5	110	23	LOS SANTOS (SANTANDER)
436	Jul 10 2017	23:24: 6.8	6.78	-73.12	136	1.9	0.4	115	16	LOS SANTOS (SANTANDER)
437	Jul 11 2017	00:57:16.0	5.95	-73.55	128	1.7	0.3	124	15	TOGUI (BOYACA)
438	Jul 11 2017	01:15:58.1	7.44	-73.16	130	1.7	0.5	191	14	EL PLAYON (SANTANDER)
439	Jul 11 2017	01:31: 8.8	6.83	-73.14	150	2.2	0.4	111	28	LOS SANTOS (SANTANDER)
440	Jul 11 2017	01:56:29.7	3.84	-76.21	139	1.8	0.4	114	16	BUGA (VALLE)
441	Jul 11 2017	02:27:42.9	4.83	-74.67	12	1.1	0.2	204	8	SAN JUAN DE RIOSECO (CUNDINAMARCA)
442	Jul 11 2017	02:35: 5.4	6.86	-73.16	148	2.4	0.6	108	40	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
443	Jul 11 2017	02:50:47.3	6.73	-73.10	152	1.5	0.3	266	10	JORDAN (SANTANDER)
444	Jul 11 2017	03:21:58.6	10.40	-72.71	Sup	1.8	0.2	191	12	FRONTERA CON VENEZUELA
445	Jul 11 2017	04:04:24.6	5.59	-72.82	Sup	2.0	0.6	108	20	AQUITANIA (BOYACA)
446	Jul 11 2017	04:20:21.1	2.38	-75.30	16	1.7	0.3	104	12	ALGECIRAS (HUILA)
447	Jul 11 2017	04:21:56.2	6.82	-73.13	137	2.0	0.5	112	24	LOS SANTOS (SANTANDER)
448	Jul 11 2017	05:21:33.9	6.72	-73.16	139	1.6	0.5	243	14	VILLANUEVA (SANTANDER)
449	Jul 11 2017	06:17:23.4	5.80	-73.63	120	1.4	0.1	221	8	PUENTE NACIONAL (SANTANDER)
450	Jul 11 2017	06:25:41.3	6.06	-73.28	Sup	1.8	0.6	218	21	GAMBITA (SANTANDER)
451	Jul 11 2017	08:50:14.2	6.78	-73.11	141	1.5	0.5	260	12	LOS SANTOS (SANTANDER)
452	Jul 11 2017	08:56: 8.3	6.82	-73.14	152	2.6	0.4	65	46	LOS SANTOS (SANTANDER)
453	Jul 11 2017	10:27:47.7	4.23	-76.26	109	3.0	0.6	55	66	TRUJILLO (VALLE)
454	Jul 11 2017	11:13:29.4	4.21	-77.39	28	1.9	0.5	201	10	LITORAL DEL SAN JUAN (CHOCO)
455	Jul 11 2017	11:24:48.8	6.56	-73.14	142	1.5	0.3	315	7	SAN GIL (SANTANDER)
456	Jul 11 2017	12:55:51.7	6.66	-73.16	145	1.4	0.2	245	8	VILLANUEVA (SANTANDER)
457	Jul 11 2017	14:59:36.1	4.92	-76.86	43	1.4	0.2	251	8	MEDIO SAN JUAN (CHOCO)
458	Jul 11 2017	15:52: 1.5	6.77	-73.14	141	2.0	0.5	210	16	LOS SANTOS (SANTANDER)
459	Jul 11 2017	19:10:28.1	6.76	-73.08	145	1.7	0.4	270	12	LOS SANTOS (SANTANDER)
460	Jul 11 2017	19:31: 8.4	10.19	-72.41	Sup	1.8	0.4	226	8	FRONTERA CON VENEZUELA
461	Jul 11 2017	19:52:52.4	6.68	-73.12	124	1.8	0.3	264	11	VILLANUEVA (SANTANDER)
462	Jul 11 2017	20:20:38.3	6.37	-77.67	22	2.5	0.4	231	9	O. PACIFICO NORTE
463	Jul 11 2017	20:50:32.4	6.11	-72.87	Sup	2.1	0.8	186	17	TUTAZA (BOYACA)
464	Jul 11 2017	21:04:18.5	3.25	-74.92	Sup	1.2	0.2	221	8	ALPUJARRA (TOLIMA)
465	Jul 11 2017	21:15: 7.1	6.83	-72.96	183	2.1	0.4	258	10	CEPITA (SANTANDER)
466	Jul 11 2017	21:42: 1.7	6.72	-73.09	150	1.6	0.5	270	8	JORDAN (SANTANDER)
467	Jul 11 2017	22:30:42.6	5.84	-74.90	Sup	1.1	0.5	130	9	SAN LUIS (ANTIOQUIA)
468	Jul 11 2017	22:52:43.1	6.68	-73.19	151	1.5	0.2	224	7	VILLANUEVA (SANTANDER)
469	Jul 11 2017	23:31:41.2	6.77	-73.11	144	2.2	0.8	116	22	LOS SANTOS (SANTANDER)
470	Jul 11 2017	23:57:55.4	6.69	-73.13	147	1.5	0.2	170	9	VILLANUEVA (SANTANDER)
471	Jul 12 2017	01:07:40.8	6.75	-73.11	145	1.8	0.4	261	11	LOS SANTOS (SANTANDER)
472	Jul 12 2017	02:15:21.1	6.81	-73.14	136	1.6	0.4	251	10	LOS SANTOS (SANTANDER)
473	Jul 12 2017	03:58:18.8	4.06	-76.85	31	1.6	0.7	122	16	BUENAVENTURA (VALLE)
474	Jul 12 2017	04:45:53.3	4.02	-76.27	143	1.3	0.2	169	12	SAN PEDRO (VALLE)
475	Jul 12 2017	04:54: 8.3	4.81	-76.18	100	1.1	0.3	127	8	EL CAIRO (VALLE)
476	Jul 12 2017	05:03:33.9	6.78	-73.15	144	1.5	0.4	149	17	LOS SANTOS (SANTANDER)
477	Jul 12 2017	05:47:59.0	6.81	-73.14	151	2.0	0.4	111	28	LOS SANTOS (SANTANDER)
478	Jul 12 2017	06:03:54.8	4.91	-77.58	23	1.4	0.3	272	8	O. PACIFICO CENTRO
479	Jul 12 2017	06:15:41.4	4.60	-76.30	118	1.7	0.5	169	18	VERSALLES (VALLE)
480	Jul 12 2017	06:30:57.1	6.76	-73.12	140	1.6	0.3	162	12	LOS SANTOS (SANTANDER)
481	Jul 12 2017	06:52:47.7	7.43	-73.18	132	1.8	0.3	189	18	EL PLAYON (SANTANDER)
482	Jul 12 2017	08:15:28.5	3.40	-76.58	68	1.9	0.5	103	20	CALI (VALLE)
483	Jul 12 2017	08:36:23.1	6.33	-73.60	115	1.9	0.4	88	20	SANTA HELENA DEL OPO (SANTANDER)
484	Jul 12 2017	08:55:50.9	6.83	-73.13	153	3.0	0.5	66	60	LOS SANTOS (SANTANDER)
485	Jul 12 2017	08:59:13.2	7.46	-74.68	46	1.5	0.5	181	14	EL BAGRE (ANTIOQUIA)
486	Jul 12 2017	09:56: 0.9	6.28	-77.59	7	2.1	0.2	238	10	O. PACIFICO NORTE
487	Jul 12 2017	10:00:28.7	7.52	-74.13	64	1.4	0.3	121	16	SAN PABLO (BOLIVAR)
488	Jul 12 2017	10:02:19.2	6.30	-77.57	12	2.1	0.4	207	15	O. PACIFICO NORTE
489	Jul 12 2017	10:57:56.1	6.83	-73.01	108	1.3	0.2	292	8	CEPITA (SANTANDER)
490	Jul 12 2017	11:26:30.3	8.44	-73.24	124	1.9	0.3	213	10	TEORAMA (N.SANTANDER)
491	Jul 12 2017	12:33:59.1	6.81	-73.13	143	1.9	0.4	151	16	LOS SANTOS (SANTANDER)
492	Jul 12 2017	12:40:40.7	6.62	-73.25	130	1.4	0.5	160	14	BARICHARA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
493	Jul 12 2017	13:26:56.6	6.59	-74.98	27	2.5	0.5	54	37	YOLOMBO (ANTIOQUIA)
494	<u>Jul 12 2017</u>	<u>15:31:59.2</u>	<u>7.79</u>	<u>-72.34</u>	<u>Sup</u>	<u>3.3*</u>	<u>0.6</u>	<u>153</u>	<u>47</u>	<u>FRONTERA CON VENEZUELA</u>
495	Jul 12 2017	17:02: 9.2	4.51	-76.86	59	1.9	0.4	89	20	SIPI (CHOCO)
496	Jul 12 2017	17:16:24.7	6.71	-73.15	131	1.7	0.4	157	16	VILLANUEVA (SANTANDER)
497	Jul 12 2017	17:40: 9.9	6.48	-77.49	Sup	2.5	0.6	172	36	O. PACIFICO NORTE
498	Jul 12 2017	18:31:58.0	7.21	-77.22	16	2.2	0.5	139	13	RIOSUCIO (CHOCO)
499	Jul 12 2017	18:34:25.9	6.98	-76.31	12	1.5	0.5	241	9	DABEIBA (ANTIOQUIA)
500	Jul 12 2017	18:42: 4.1	6.46	-77.57	Sup	2.5	0.6	187	36	O. PACIFICO NORTE
501	Jul 12 2017	18:51:55.5	6.60	-76.97	14	2.3	0.4	146	12	BOJAYA (CHOCO)
502	Jul 12 2017	18:52:43.1	6.76	-71.83	Sup	2.0	0.6	229	10	FORTUL (ARAUCA)
503	Jul 12 2017	19:15: 5.6	2.03	-77.22	118	1.6	0.5	189	10	BALBOA (CAUCA)
504	Jul 12 2017	19:35:56.6	6.76	-73.16	143	2.0	0.3	111	18	LOS SANTOS (SANTANDER)
505	Jul 12 2017	20:32:43.1	6.86	-73.13	153	2.8	0.6	65	49	LOS SANTOS (SANTANDER)
506	Jul 12 2017	20:55: 7.0	4.58	-76.61	26	1.5	0.4	224	8	SIPI (CHOCO)
507	Jul 12 2017	20:56:39.9	5.89	-74.76	11	1.2	0.5	89	13	PUERTO TRIUNFO (ANTIOQUIA)
508	Jul 12 2017	21:05:24.6	5.79	-75.66	Sup	1.9	0.6	66	22	LA PINTADA (ANTIOQUIA)
509	Jul 12 2017	21:11:26.0	2.09	-75.66	13	1.4	0.5	108	10	GARZON (HUILA)
510	Jul 12 2017	21:14:16.1	7.04	-73.71	94	1.8	0.4	74	15	BARRANCABERMEJA (SANTANDER)
511	Jul 12 2017	21:35:57.9	6.79	-73.13	145	1.7	0.4	139	18	LOS SANTOS (SANTANDER)
512	Jul 12 2017	22:11: 5.9	1.90	-75.96	Sup	0.6	0.1	139	8	TIMANA (HUILA)
513	Jul 12 2017	22:40:26.8	5.83	-74.88	Sup	1.4	0.8	75	19	SAN LUIS (ANTIOQUIA)
514	Jul 13 2017	00:20:43.5	10.07	-73.03	Sup	2.1	0.6	141	16	AGUSTIN CODAZZI (CESAR)
515	Jul 13 2017	00:30:14.9	6.29	-73.63	116	1.3	0.2	160	8	SANTA HELENA DEL OPOON (SANTANDER)
516	Jul 13 2017	01:50:44.2	6.82	-73.35	124	1.8	0.5	104	16	SAN VICENTE DE CHUCURI (SANTANDER)
517	Jul 13 2017	02:11: 2.0	6.78	-73.14	144	1.3	0.4	237	8	LOS SANTOS (SANTANDER)
518	Jul 13 2017	03:28:31.6	6.64	-75.79	22	1.1	0.5	142	12	OLAYA (ANTIOQUIA)
519	Jul 13 2017	03:34:49.6	8.70	-74.20	28	1.7	0.3	112	14	ALTOS DEL ROSARIO (BOLIVAR)
520	Jul 13 2017	04:22:49.2	6.82	-73.14	144	2.7	0.4	104	42	LOS SANTOS (SANTANDER)
521	Jul 13 2017	05:01:24.0	6.76	-73.14	145	1.4	0.4	139	12	LOS SANTOS (SANTANDER)
522	Jul 13 2017	05:52:14.3	6.47	-74.38	64	1.1	0.1	113	7	PUERTO BERRIO (ANTIOQUIA)
523	Jul 13 2017	07:19:20.0	6.82	-73.14	154	1.2	0.5	149	12	LOS SANTOS (SANTANDER)
524	Jul 13 2017	07:40: 6.2	6.71	-73.13	148	1.1	0.1	164	8	JORDAN (SANTANDER)
525	Jul 13 2017	07:57:10.0	7.37	-73.31	119	1.1	0.2	179	10	EL PLAYON (SANTANDER)
526	Jul 13 2017	07:59:45.3	4.47	-76.23	104	1.4	0.2	161	10	EL DOVIO (VALLE)
527	Jul 13 2017	08:59:22.0	6.74	-73.15	141	1.2	0.5	138	11	LOS SANTOS (SANTANDER)
528	Jul 13 2017	10:10:18.9	6.80	-73.15	142	1.7	0.4	111	18	LOS SANTOS (SANTANDER)
529	Jul 13 2017	10:18:13.6	6.76	-73.14	143	1.5	0.4	138	15	LOS SANTOS (SANTANDER)
530	Jul 13 2017	10:50: 5.4	6.80	-73.16	144	2.2	0.4	134	20	LOS SANTOS (SANTANDER)
531	Jul 13 2017	11:16: 3.4	6.74	-73.15	133	1.2	0.4	247	7	LOS SANTOS (SANTANDER)
532	Jul 13 2017	11:52:14.4	6.79	-73.15	143	1.6	0.3	101	16	LOS SANTOS (SANTANDER)
533	Jul 13 2017	13:56:26.5	6.82	-73.20	130	1.3	0.4	128	10	ZAPATOCA (SANTANDER)
534	Jul 13 2017	14:53:57.0	6.68	-73.17	138	1.1	0.3	237	6	VILLANUEVA (SANTANDER)
535	Jul 13 2017	15:01:14.7	6.74	-73.19	140	1.7	0.4	133	10	VILLANUEVA (SANTANDER)
536	Jul 13 2017	16:06:46.5	7.14	-76.17	Sup	1.6	0.4	135	10	DABEIBA (ANTIOQUIA)
537	Jul 13 2017	16:10:56.7	5.40	-73.80	133	1.3	0.3	168	12	FUQUENE (CUNDINAMARCA)
538	Jul 13 2017	16:15:35.0	3.70	-76.19	142	1.2	0.3	147	8	GINEBRA (VALLE)
539	Jul 13 2017	17:40:34.5	4.49	-76.08	94	2.2	0.4	85	23	LA UNION (VALLE)
540	Jul 13 2017	17:52:51.2	7.11	-76.20	Sup	2.7	0.8	151	29	DABEIBA (ANTIOQUIA)
541	Jul 13 2017	18:16:19.5	5.92	-74.89	Sup	1.1	0.6	123	9	SAN LUIS (ANTIOQUIA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
542	Jul 13 2017	18:20:47.5	6.45	-77.57	Sup	3.3	0.6	198	31	O. PACIFICO NORTE
543	Jul 13 2017	18:30: 3.8	7.03	-76.14	Sup	1.7	0.5	80	10	DABEIBA (ANTIOQUIA)
544	Jul 13 2017	18:34:39.5	7.08	-76.16	Sup	2.2	0.7	117	22	DABEIBA (ANTIOQUIA)
545	Jul 13 2017	18:38:41.0	7.04	-76.13	Sup	1.8	0.6	82	15	DABEIBA (ANTIOQUIA)
546	Jul 13 2017	20:30:51.1	6.81	-73.12	143	1.5	0.3	138	13	LOS SANTOS (SANTANDER)
547	Jul 13 2017	20:56:28.9	6.74	-73.14	140	1.4	0.2	139	10	LOS SANTOS (SANTANDER)
548	Jul 13 2017	21:51: 0.9	6.82	-73.15	145	2.8	0.5	65	57	LOS SANTOS (SANTANDER)
549	Jul 13 2017	22:57:43.1	6.86	-73.30	124	3.1	0.6	54	59	BETULIA (SANTANDER)
550	Jul 13 2017	23:11:40.0	6.46	-73.74	88	2.0	0.5	78	30	SANTA HELENA DEL OPON (SANTANDER)
551	Jul 13 2017	23:56:48.7	4.00	-74.06	Sup	2.3	0.7	129	46	GUTIERREZ (CUNDINAMARCA)
552	Jul 14 2017	01:54:52.1	6.88	-73.57	Sup	0.9	0.2	157	8	SAN VICENTE DE CHUCURI (SANTANDER)
553	Jul 14 2017	03:32: 1.7	6.81	-73.09	144	1.7	0.5	217	20	LOS SANTOS (SANTANDER)
554	Jul 14 2017	04:19:53.6	10.22	-72.93	Sup	1.5	0.5	182	10	MANAURE BALCON CESAR (CESAR)
555	Jul 14 2017	04:26:27.1	2.02	-77.20	117	1.5	0.4	186	12	BALBOA (CAUCA)
556	Jul 14 2017	04:32:33.5	6.89	-73.05	146	1.7	0.5	227	15	PIEDRECUESTA (SANTANDER)
557	Jul 14 2017	04:38:59.0	12.15	-72.58	32	2.1	0.5	250	13	MAR CARIBE
558	Jul 14 2017	05:11:13.1	6.77	-73.11	144	1.8	0.3	142	23	LOS SANTOS (SANTANDER)
559	Jul 14 2017	05:18:13.4	6.72	-73.10	147	1.2	0.2	236	10	JORDAN (SANTANDER)
560	Jul 14 2017	06:16:56.5	6.76	-73.16	142	1.3	0.4	232	13	LOS SANTOS (SANTANDER)
561	Jul 14 2017	06:33:44.9	6.79	-73.13	151	1.4	0.4	238	12	LOS SANTOS (SANTANDER)
562	Jul 14 2017	06:48:22.4	6.70	-73.20	145	0.9	0.4	220	8	VILLANUEVA (SANTANDER)
563	Jul 14 2017	06:57:27.1	7.16	-75.99	Sup	1.9	0.6	85	24	PEQUE (ANTIOQUIA)
564	Jul 14 2017	07:06:58.5	6.76	-73.15	144	1.6	0.4	209	14	LOS SANTOS (SANTANDER)
565	Jul 14 2017	07:14:33.9	6.80	-73.13	145	2.6	0.5	102	40	LOS SANTOS (SANTANDER)
566	Jul 14 2017	07:29: 3.8	6.82	-73.07	149	1.2	0.2	246	9	LOS SANTOS (SANTANDER)
567	Jul 14 2017	07:49:45.1	6.78	-73.15	146	1.6	0.3	137	16	LOS SANTOS (SANTANDER)
568	Jul 14 2017	08:02: 8.3	5.91	-73.79	110	1.1	0.3	222	10	SUCRE (SANTANDER)
569	Jul 14 2017	08:14:50.3	6.78	-73.14	146	1.9	0.4	112	23	LOS SANTOS (SANTANDER)
570	Jul 14 2017	08:21:21.9	4.78	-74.70	6	1.3	0.4	129	12	BELTRAN (CUNDINAMARCA)
571	Jul 14 2017	08:34: 6.9	3.13	-75.92	Sup	2.9	0.6	74	62	PLANADAS (TOLIMA)
572	Jul 14 2017	08:42:49.1	6.80	-73.12	141	1.3	0.4	240	12	LOS SANTOS (SANTANDER)
573	Jul 14 2017	09:32: 6.0	6.85	-73.16	142	2.4	0.6	63	33	ZAPATOCA (SANTANDER)
574	Jul 14 2017	10:34:53.2	9.87	-73.79	80	1.7	0.4	160	13	BOSCONIA (CESAR)
575	Jul 14 2017	11:06:28.9	6.84	-73.19	147	1.3	0.3	242	7	ZAPATOCA (SANTANDER)
576	Jul 14 2017	11:51:23.2	6.75	-73.15	138	1.8	0.4	112	18	LOS SANTOS (SANTANDER)
577	Jul 14 2017	12:19:18.0	3.87	-75.96	10	2.3	0.6	67	28	SAN PEDRO (VALLE)
578	Jul 14 2017	12:44:13.8	6.71	-73.20	141	0.1	0.2	235	12	VILLANUEVA (SANTANDER)
579	Jul 14 2017	12:53:33.8	6.75	-73.11	135	2.1	0.5	211	27	LOS SANTOS (SANTANDER)
580	Jul 14 2017	13:06:32.2	10.62	-73.53	Sup	2.0	0.6	110	9	PUEBLO BELLO (CESAR)
581	Jul 14 2017	13:26:60.0	6.32	-73.60	113	1.5	0.4	85	15	SANTA HELENA DEL OPON (SANTANDER)
582	Jul 14 2017	13:40:13.6	5.42	-74.05	118	1.0	0.3	274	8	COPER (BOYACA)
583	Jul 14 2017	14:40:28.0	6.55	-73.53	113	2.4	0.5	58	40	EL CARMEN (SANTANDER)
584	Jul 14 2017	15:08: 2.8	6.67	-73.32	142	1.2	0.3	217	8	GALAN (SANTANDER)
585	Jul 14 2017	15:25:20.4	3.81	-76.22	118	1.6	0.4	115	9	GINEBRA (VALLE)
586	Jul 14 2017	16:06:32.1	6.85	-73.53	107	1.6	0.3	191	8	SAN VICENTE DE CHUCURI (SANTANDER)
587	Jul 14 2017	16:40:20.1	3.16	-76.00	32	1.3	0.2	160	8	MIRANDA (CAUCA)
588	Jul 14 2017	17:32: 7.4	6.76	-73.15	139	1.9	0.5	112	24	LOS SANTOS (SANTANDER)
589	Jul 14 2017	18:11:33.2	4.84	-73.03	20	1.7	0.6	97	12	SABANALARGA (CASANARE)
590	Jul 14 2017	18:13:12.8	3.67	-76.98	57	1.6	0.5	157	12	BUENAVENTURA (VALLE)
591	Jul 14 2017	18:20:36.8	3.88	-71.41	Sup	2.6	0.4	284	10	PUERTO GAITAN (META)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
592	Jul 14 2017	19:13:11.9	6.79	-73.12	144	1.3	0.3	239	12	LOS SANTOS (SANTANDER)
593	Jul 14 2017	19:55:36.8	2.88	-78.05	Sup	2.1	0.4	159	13	O. PACIFICO SUR
594	<u>Jul 14 2017</u>	<u>20:12:46.1</u>	<u>0.77</u>	<u>-77.90</u>	<u>7</u>	<u>3.4</u>	<u>1.9</u>	<u>114</u>	<u>56</u>	<u>VOLCAN CHILES</u>
595	Jul 14 2017	20:20: 8.5	6.78	-73.14	139	2.4	0.5	113	32	LOS SANTOS (SANTANDER)
596	Jul 14 2017	20:25:45.6	3.82	-76.93	18	1.8	0.5	105	18	BUENAVENTURA (VALLE)
597	Jul 14 2017	20:30:36.5	6.72	-73.49	111	1.6	0.4	82	14	EL CARMEN (SANTANDER)
598	Jul 14 2017	21:23:12.4	5.38	-76.65	29	1.3	0.3	277	8	CERTEGUI (CHOCO)
599	Jul 14 2017	22:56: 6.1	5.49	-74.47	17	1.4	0.6	102	15	YACOPI (CUNDINAMARCA)
600	Jul 14 2017	23:39:52.7	6.75	-73.16	153	1.1	0.3	231	8	LOS SANTOS (SANTANDER)
601	Jul 15 2017	00:40:12.2	6.79	-73.13	139	2.2	0.5	113	29	LOS SANTOS (SANTANDER)
602	Jul 15 2017	00:50:55.3	6.89	-73.23	124	1.1	0.1	235	8	BETULIA (SANTANDER)
603	Jul 15 2017	01:29:44.5	5.45	-74.37	Sup	1.6	0.4	87	20	YACOPI (CUNDINAMARCA)
604	Jul 15 2017	01:49:21.3	6.86	-73.34	122	1.7	0.5	109	18	SAN VICENTE DE CHUCURI (SANTANDER)
605	Jul 15 2017	02:36:48.2	5.18	-72.98	Sup	2.2	0.6	68	29	SAN EDUARDO (BOYACA)
606	Jul 15 2017	03:24:15.5	6.81	-73.14	146	2.6	0.5	66	53	LOS SANTOS (SANTANDER)
607	Jul 15 2017	04:05:55.2	7.44	-73.32	120	1.6	0.4	187	17	EL PLAYON (SANTANDER)
608	Jul 15 2017	04:26:39.7	5.26	-74.76	15	1.0	0.3	205	10	HONDA (TOLIMA)
609	Jul 15 2017	04:30: 5.5	5.88	-73.57	127	1.1	0.2	218	7	MONIQUIRA (BOYACA)
610	Jul 15 2017	04:50: 9.4	6.38	-73.70	96	1.5	0.4	79	16	SANTA HELENA DEL OPON (SANTANDER)
611	Jul 15 2017	05:36:17.6	7.29	-75.22	12	2.8	0.5	96	40	ANORI (ANTIOQUIA)
612	Jul 15 2017	06:47:33.5	6.77	-73.11	138	1.5	0.5	142	18	LOS SANTOS (SANTANDER)
613	Jul 15 2017	08:10:13.0	6.76	-73.14	153	1.2	0.4	235	9	LOS SANTOS (SANTANDER)
614	Jul 15 2017	08:51: 4.5	2.31	-75.63	17	0.7	0.4	118	9	GIGANTE (HUILA)
615	Jul 15 2017	08:58:10.0	6.77	-73.19	150	0.9	0.4	230	10	ZAPATOCA (SANTANDER)
616	Jul 15 2017	09:03:11.5	6.81	-73.12	145	1.9	0.5	113	28	LOS SANTOS (SANTANDER)
617	Jul 15 2017	09:27:11.3	6.81	-73.14	149	1.4	0.2	136	12	LOS SANTOS (SANTANDER)
618	Jul 15 2017	09:33:58.9	6.71	-73.31	140	1.0	0.3	178	9	GALAN (SANTANDER)
619	Jul 15 2017	09:37: 9.3	6.79	-73.12	148	1.4	0.4	140	16	LOS SANTOS (SANTANDER)
620	Jul 15 2017	09:42: 2.4	6.81	-73.13	146	1.6	0.3	112	20	LOS SANTOS (SANTANDER)
621	Jul 15 2017	10:28:22.7	6.78	-73.13	133	1.6	0.4	113	23	LOS SANTOS (SANTANDER)
622	Jul 15 2017	11:07:58.8	6.52	-73.55	108	1.6	0.4	67	22	EL CARMEN (SANTANDER)
623	Jul 15 2017	12:17:18.9	6.66	-75.89	10	1.1	0.5	175	8	BURITICA (ANTIOQUIA)
624	Jul 15 2017	12:46:31.2	10.66	-73.47	79	1.2	0.2	115	12	PUEBLO BELLO (CESAR)
625	Jul 15 2017	12:48:22.1	6.78	-73.12	152	1.2	0.4	140	12	LOS SANTOS (SANTANDER)
626	Jul 15 2017	13:00: 6.0	12.08	-73.23	Sup	1.9	0.5	240	10	MAR CARIBE
627	Jul 15 2017	13:45: 0.0	6.81	-73.15	141	2.5	0.6	65	47	LOS SANTOS (SANTANDER)
628	Jul 15 2017	14:08: 5.1	6.82	-73.14	144	2.4	0.7	65	42	LOS SANTOS (SANTANDER)
629	Jul 15 2017	14:31:39.1	6.70	-73.28	136	1.3	0.3	236	8	GALAN (SANTANDER)
630	Jul 15 2017	14:59:17.6	11.23	-73.27	18	1.6	0.4	164	9	LA PAZ (CESAR)
631	Jul 15 2017	15:15:32.3	6.81	-73.25	132	1.5	0.2	149	8	ZAPATOCA (SANTANDER)
632	Jul 15 2017	16:21:11.1	6.79	-73.14	142	2.3	0.6	72	36	LOS SANTOS (SANTANDER)
633	Jul 15 2017	17:17:51.0	6.81	-73.12	151	3.4	0.8	67	73	LOS SANTOS (SANTANDER)
634	Jul 15 2017	17:34:25.4	6.80	-73.14	136	1.8	0.3	136	19	LOS SANTOS (SANTANDER)
635	Jul 15 2017	19:36:11.9	5.57	-73.89	119	1.3	0.4	141	14	CALDAS (BOYACA)
636	Jul 15 2017	20:11: 0.5	6.84	-73.16	142	1.5	0.5	131	16	ZAPATOCA (SANTANDER)
637	Jul 15 2017	20:21: 0.5	6.81	-73.39	124	1.2	0.4	157	9	SAN VICENTE DE CHUCURI (SANTANDER)
638	Jul 15 2017	20:45:20.4	6.83	-76.25	Sup	1.6	0.6	162	20	URAMITA (ANTIOQUIA)
639	Jul 15 2017	22:19:44.7	8.48	-73.13	133	1.6	0.3	165	17	SAN CALIXTO (N.SANTANDER)
640	Jul 15 2017	23:29:17.6	6.79	-73.16	139	1.2	0.3	134	10	LOS SANTOS (SANTANDER)
641	Jul 15 2017	23:41:42.8	3.38	-75.75	Sup	1.2	0.6	101	15	RIOBLANCO (TOLIMA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
642	Jul 16 2017	00:04:55.0	5.10	-76.26	93	1.7	0.6	99	23	SAN JOSE DEL PALMAR (CHOCO)
643	Jul 16 2017	00:07:28.8	6.69	-73.29	138	0.7	0.2	178	8	GALAN (SANTANDER)
644	Jul 16 2017	00:19: 5.9	6.79	-73.12	143	1.8	0.5	114	22	LOS SANTOS (SANTANDER)
645	Jul 16 2017	00:33:23.9	7.12	-73.34	99	1.0	0.2	255	8	LEBRIJA (SANTANDER)
646	Jul 16 2017	00:42:54.4	6.76	-73.12	141	1.7	0.5	115	22	LOS SANTOS (SANTANDER)
647	Jul 16 2017	01:17: 6.5	6.06	-74.33	32	1.1	0.1	130	8	PUERTO BOYACA (BOYACA)
648	Jul 16 2017	01:31:53.9	6.98	-73.10	136	1.2	0.3	287	8	PIEDECUESTA (SANTANDER)
649	Jul 16 2017	01:38:34.5	6.83	-73.13	140	1.3	0.4	137	12	LOS SANTOS (SANTANDER)
650	Jul 16 2017	01:45:54.4	2.14	-76.00	Sup	1.7	0.5	88	24	LA ARGENTINA (HUILA)
651	Jul 16 2017	02:36:25.7	5.98	-73.74	104	0.7	0.2	152	8	BOLIVAR (SANTANDER)
652	Jul 16 2017	03:24:15.5	6.86	-73.07	144	0.8	0.3	250	8	LOS SANTOS (SANTANDER)
653	Jul 16 2017	03:40:46.1	6.68	-73.26	128	0.8	0.2	187	8	GALAN (SANTANDER)
654	Jul 16 2017	05:03:10.8	5.31	-72.57	Sup	1.0	0.6	184	10	PAJARITO (BOYACA)
655	Jul 16 2017	05:15:51.9	6.81	-76.24	Sup	2.1	0.7	161	32	URAMITA (ANTIOQUIA)
656	Jul 16 2017	05:21:57.5	8.01	-73.16	144	1.1	0.3	253	8	ABREGO (N.SANTANDER)
657	Jul 16 2017	05:28:22.0	6.76	-73.17	154	1.0	0.3	232	8	LOS SANTOS (SANTANDER)
658	Jul 16 2017	05:30:37.0	5.76	-73.76	112	1.3	0.4	170	16	SABOYA (BOYACA)
659	Jul 16 2017	05:44:27.1	5.30	-76.80	13	1.1	0.7	254	8	EL CANTON DEL SAN PABL (CHOCO)
660	Jul 16 2017	05:46:26.8	6.26	-74.80	18	0.7	0.5	133	11	CARACOLI (ANTIOQUIA)
661	Jul 16 2017	05:59:59.3	6.28	-74.80	13	1.3	0.5	95	21	CARACOLI (ANTIOQUIA)
662	Jul 16 2017	06:09: 7.7	6.80	-73.18	145	0.8	0.2	131	10	ZAPATOCA (SANTANDER)
663	Jul 16 2017	06:19:48.6	2.12	-75.70	13	1.5	0.5	85	24	ALTAMIRA (HUILA)
664	Jul 16 2017	06:32:28.5	4.70	-76.48	48	0.9	0.4	151	10	SIPI (CHOCO)
665	Jul 16 2017	06:46: 5.2	7.04	-71.85	Sup	1.2	0.4	298	12	FRONTERA CON VENEZUELA
666	Jul 16 2017	06:55:50.9	0.70	-77.83	Sup	1.5	0.5	130	9	FRONTERA CON ECUADOR
667	Jul 16 2017	06:58:37.6	5.70	-74.55	17	0.5	0.3	157	9	PUERTO TRIUNFO (ANTIOQUIA)
668	Jul 16 2017	07:25:19.8	6.76	-73.19	153	1.0	0.4	229	10	ZAPATOCA (SANTANDER)
669	Jul 16 2017	07:33:21.9	7.14	-73.35	112	1.0	0.4	150	12	LEBRIJA (SANTANDER)
670	Jul 16 2017	07:58:14.6	6.77	-73.12	142	1.7	0.5	140	20	LOS SANTOS (SANTANDER)
671	Jul 16 2017	08:10:41.9	6.80	-73.15	145	2.0	0.5	111	22	LOS SANTOS (SANTANDER)
672	Jul 16 2017	08:25:50.0	6.77	-73.15	142	1.7	0.4	112	22	LOS SANTOS (SANTANDER)
673	Jul 16 2017	08:30: 7.0	6.77	-73.10	145	0.7	0.1	142	9	LOS SANTOS (SANTANDER)
674	Jul 16 2017	09:05:12.2	7.45	-73.20	134	2.2	0.4	142	31	EL PLAYON (SANTANDER)
675	Jul 16 2017	09:33:21.2	6.73	-73.15	143	1.0	0.5	139	12	LOS SANTOS (SANTANDER)
676	Jul 16 2017	09:40: 9.7	7.40	-73.19	131	1.3	0.2	184	7	EL PLAYON (SANTANDER)
677	Jul 16 2017	09:54: 9.5	4.66	-76.19	98	2.8	0.6	55	65	VERSALLES (VALLE)
678	Jul 16 2017	10:02:57.7	10.67	-73.72	56	1.6	0.5	104	16	PUEBLO BELLO (CESAR)
679	Jul 16 2017	10:10:35.3	7.61	-73.29	128	1.7	0.4	107	24	LA ESPERANZA (N.SANTANDER)
680	Jul 16 2017	10:13:36.6	6.77	-73.21	133	0.8	0.3	227	8	ZAPATOCA (SANTANDER)
681	Jul 16 2017	10:33: 1.5	2.40	-75.49	24	1.0	0.5	170	9	GIGANTE (HUILA)
682	Jul 16 2017	10:58: 6.2	6.78	-73.17	150	0.8	0.2	134	9	LOS SANTOS (SANTANDER)
683	Jul 16 2017	11:27:46.4	6.10	-74.19	Sup	1.7	0.6	67	21	CIMITARRA (SANTANDER)
684	Jul 16 2017	11:59:34.1	6.81	-73.22	140	1.5	0.2	125	10	ZAPATOCA (SANTANDER)
685	Jul 16 2017	13:48:44.7	6.74	-73.22	150	1.0	0.5	218	8	VILLANUEVA (SANTANDER)
686	Jul 16 2017	14:03:17.8	5.04	-76.23	54	1.5	0.4	177	11	SAN JOSE DEL PALMAR (CHOCO)
687	Jul 16 2017	14:08:31.9	6.74	-73.11	140	1.7	0.5	144	21	LOS SANTOS (SANTANDER)
688	Jul 16 2017	14:38: 4.2	6.31	-73.90	16	1.0	0.5	81	14	CIMITARRA (SANTANDER)
689	Jul 16 2017	15:04:29.9	6.80	-73.15	139	1.8	0.3	111	18	LOS SANTOS (SANTANDER)
690	Jul 16 2017	15:26:31.8	2.08	-75.72	6	0.7	0.4	136	8	ALTAMIRA (HUILA)
691	Jul 16 2017	16:18:30.9	6.74	-73.01	126	1.0	0.4	127	8	CEPITA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
692	Jul 16 2017	16:27:42.8	7.27	-77.05	20	1.6	0.1	137	8	RIOSUCIO (CHOCO)
693	Jul 16 2017	16:50:48.8	6.78	-73.14	144	2.3	0.4	66	35	LOS SANTOS (SANTANDER)
694	Jul 16 2017	16:51:47.0	6.77	-73.13	143	1.7	0.3	139	9	LOS SANTOS (SANTANDER)
695	Jul 16 2017	19:48:51.3	8.36	-73.16	132	1.6	0.2	160	10	HACARI (N.SANTANDER)
696	Jul 16 2017	21:09:59.4	6.80	-73.13	144	1.6	0.4	138	14	LOS SANTOS (SANTANDER)
697	Jul 16 2017	22:28:26.0	6.82	-73.15	140	2.5	0.6	110	29	LOS SANTOS (SANTANDER)
698	Jul 16 2017	23:12:42.4	6.79	-73.16	144	1.3	0.4	134	12	LOS SANTOS (SANTANDER)
699	Jul 16 2017	23:14:39.4	6.29	-74.81	9	1.1	0.4	96	10	CARACOLI (ANTIOQUIA)
700	Jul 16 2017	23:30:51.7	3.99	-71.56	Sup	2.0	0.7	261	10	PUERTO GAITAN (META)
701	Jul 16 2017	23:33: 0.0	6.69	-73.54	105	1.7	0.5	75	16	EL CARMEN (SANTANDER)
702	Jul 16 2017	23:54:15.7	1.54	-78.13	57	2.1	0.5	89	25	BARBACOAS (NARINO)
703	Jul 16 2017	23:56: 7.0	6.78	-73.15	141	1.4	0.4	111	13	LOS SANTOS (SANTANDER)
704	Jul 16 2017	23:59:31.2	5.38	-76.16	Sup	1.6	0.6	183	14	PUEBLO RICO (RISARALDA)
705	Jul 17 2017	00:23:17.3	6.79	-73.13	148	2.1	0.4	113	32	LOS SANTOS (SANTANDER)
706	Jul 17 2017	00:38:49.4	6.27	-72.42	8	1.6	0.4	186	14	CHITA (BOYACA)
707	Jul 17 2017	01:08: 0.9	6.74	-73.16	148	1.5	0.3	137	13	LOS SANTOS (SANTANDER)
708	Jul 17 2017	02:03:31.0	5.39	-73.69	142	1.4	0.3	254	8	GUACHETA (CUNDINAMARCA)
709	Jul 17 2017	02:25:20.7	6.31	-73.35	142	3.0	0.7	53	48	GUAPOTA (SANTANDER)
710	Jul 17 2017	02:34:18.3	6.90	-76.65	Sup	1.8	0.6	134	18	MURINDO (ANTIOQUIA)
711	Jul 17 2017	02:50:33.1	6.75	-73.14	144	1.5	0.5	138	14	LOS SANTOS (SANTANDER)
712	Jul 17 2017	02:58:40.5	6.41	-73.59	107	0.8	0.2	143	8	SANTA HELENA DEL OPO (SANTANDER)
713	Jul 17 2017	03:09:42.2	7.32	-77.01	64	1.7	0.3	188	14	RIOSUCIO (CHOCO)
714	Jul 17 2017	03:55:32.4	6.74	-73.11	143	2.0	0.3	117	24	LOS SANTOS (SANTANDER)
715	Jul 17 2017	04:13:46.2	6.77	-73.18	150	1.1	0.4	232	8	LOS SANTOS (SANTANDER)
716	Jul 17 2017	04:46:56.2	6.80	-73.14	148	1.3	0.4	136	12	LOS SANTOS (SANTANDER)
717	Jul 17 2017	06:21:27.7	8.66	-74.00	86	1.4	0.3	135	14	RIOVIEJO (BOLIVAR)
718	Jul 17 2017	06:22:48.3	6.66	-73.16	145	1.1	0.4	226	10	VILLANUEVA (SANTANDER)
719	Jul 17 2017	07:11:55.9	2.21	-75.95	Sup	1.2	0.2	131	14	LA ARGENTINA (HUILA)
720	Jul 17 2017	07:14:41.6	2.21	-75.96	Sup	0.7	0.3	153	10	LA ARGENTINA (HUILA)
721	Jul 17 2017	07:21: 7.9	2.21	-75.95	Sup	1.2	0.3	154	12	LA ARGENTINA (HUILA)
722	Jul 17 2017	07:43: 9.4	6.29	-77.82	Sup	2.2	0.7	230	18	O. PACIFICO NORTE
723	Jul 17 2017	07:43:31.0	6.44	-77.62	12	2.4	0.3	209	22	O. PACIFICO NORTE
724	Jul 17 2017	07:56:57.8	6.83	-76.28	Sup	1.8	0.5	203	22	URAMITA (ANTIOQUIA)
725	Jul 17 2017	08:43:36.3	6.49	-77.47	Sup	1.8	0.5	167	12	O. PACIFICO NORTE
726	Jul 17 2017	08:45:53.8	6.77	-73.15	144	1.7	0.3	112	18	LOS SANTOS (SANTANDER)
727	Jul 17 2017	09:08:19.2	6.67	-73.19	144	1.4	0.3	221	9	VILLANUEVA (SANTANDER)
728	Jul 17 2017	09:17:44.3	2.93	-76.84	97	1.1	0.4	182	10	SUAREZ (CAUCA)
729	Jul 17 2017	10:09:31.1	6.75	-73.09	146	1.6	0.3	240	7	LOS SANTOS (SANTANDER)
730	Jul 17 2017	10:18:45.0	6.78	-73.18	146	1.3	0.3	241	10	LOS SANTOS (SANTANDER)
731	Jul 17 2017	10:45:34.6	6.75	-73.09	134	1.4	0.5	239	16	LOS SANTOS (SANTANDER)
732	Jul 17 2017	11:21:26.1	6.58	-73.32	25	1.8	0.5	77	14	HATO (SANTANDER)
733	Jul 17 2017	11:29:41.5	6.52	-73.46	112	1.1	0.3	98	10	SIMACOTA (SANTANDER)
734	Jul 17 2017	11:30:43.2	6.76	-73.16	142	1.1	0.4	232	9	LOS SANTOS (SANTANDER)
735	Jul 17 2017	11:33:51.8	6.77	-73.14	139	1.2	0.3	235	10	LOS SANTOS (SANTANDER)
736	Jul 17 2017	11:37:23.7	6.76	-73.06	143	2.1	0.4	221	18	LOS SANTOS (SANTANDER)
737	Jul 17 2017	11:47: 0.3	6.75	-73.16	147	1.3	0.2	241	7	LOS SANTOS (SANTANDER)
738	Jul 17 2017	12:00:41.7	6.69	-73.18	144	1.2	0.3	136	10	VILLANUEVA (SANTANDER)
739	Jul 17 2017	12:06:35.1	6.75	-73.16	147	1.7	0.5	112	21	LOS SANTOS (SANTANDER)
740	Jul 17 2017	12:15:25.1	6.90	-74.25	55	2.0	0.5	86	24	PUERTO PARRA (SANTANDER)
741	Jul 17 2017	12:23:11.6	6.76	-73.15	145	1.8	0.4	112	13	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
742	Jul 17 2017	13:06:36.8	1.94	-75.96	Sup	1.2	0.4	111	15	TIMANA (HUILA)
743	Jul 17 2017	14:10:22.0	6.76	-74.51	19	1.0	0.5	123	8	VEGACHI (ANTIOQUIA)
744	Jul 17 2017	14:26:56.8	6.78	-73.13	134	1.2	0.4	244	8	LOS SANTOS (SANTANDER)
745	<u>Jul 17 2017</u>	<u>15:15:46.2</u>	<u>2.23</u>	<u>-75.68</u>	<u>Sup</u>	<u>3.8*</u>	<u>0.5</u>	<u>72</u>	<u>74</u>	<u>GARZON (HUILA)</u>
746	Jul 17 2017	15:19:36.2	6.48	-77.50	22	2.5	0.3	176	8	O. PACIFICO NORTE
747	Jul 17 2017	15:48:58.5	6.86	-73.14	142	1.4	0.4	222	9	LOS SANTOS (SANTANDER)
748	Jul 17 2017	16:22:36.3	5.63	-78.06	32	2.7	0.5	214	18	O. PACIFICO NORTE
749	Jul 17 2017	16:52: 3.3	7.08	-73.12	160	1.9	0.4	254	14	BUCARAMANGA (SANTANDER)
750	Jul 17 2017	17:13:47.2	6.08	-73.74	102	1.4	0.4	110	13	EL PENON (SANTANDER)
751	Jul 17 2017	17:15:58.4	7.17	-76.19	Sup	1.6	0.5	224	14	DABEIBA (ANTIOQUIA)
752	Jul 17 2017	17:53:23.5	6.81	-73.14	142	1.8	0.5	215	17	LOS SANTOS (SANTANDER)
753	Jul 17 2017	20:09:51.4	2.57	-75.69	Sup	1.3	0.4	91	14	IQUIRA (HUILA)
754	Jul 17 2017	20:32:56.2	6.81	-73.17	138	2.0	0.5	109	21	LOS SANTOS (SANTANDER)
755	Jul 17 2017	23:45: 1.3	6.77	-73.13	127	1.5	0.3	139	18	LOS SANTOS (SANTANDER)
756	Jul 17 2017	23:56:54.6	3.51	-74.19	Sup	1.9	0.6	94	28	LEJANIAS (META)
757	Jul 18 2017	02:41: 7.6	6.77	-73.13	140	1.9	0.5	114	25	LOS SANTOS (SANTANDER)
758	Jul 18 2017	03:02:15.8	6.75	-73.17	144	1.3	0.3	230	10	LOS SANTOS (SANTANDER)
759	Jul 18 2017	03:16:45.6	6.74	-73.22	142	1.6	0.4	202	17	ZAPATOCA (SANTANDER)
760	Jul 18 2017	04:31:38.2	6.78	-73.15	149	1.6	0.3	235	12	LOS SANTOS (SANTANDER)
761	Jul 18 2017	04:35: 3.3	5.93	-73.79	106	0.9	0.3	181	8	SUCRE (SANTANDER)
762	Jul 18 2017	04:48:25.9	6.79	-73.12	150	3.4	0.5	67	65	LOS SANTOS (SANTANDER)
763	Jul 18 2017	04:53:27.3	2.89	-78.08	6	1.7	0.6	165	12	O. PACIFICO SUR
764	Jul 18 2017	05:24:11.4	6.80	-73.15	150	1.5	0.4	237	12	LOS SANTOS (SANTANDER)
765	Jul 18 2017	05:35:12.8	6.74	-73.18	138	1.7	0.6	205	16	VILLANUEVA (SANTANDER)
766	Jul 18 2017	05:44: 3.2	5.17	-77.78	29	1.7	0.3	270	12	O. PACIFICO CENTRO
767	Jul 18 2017	05:48:34.9	5.26	-72.95	Sup	1.0	0.4	169	8	CHAMEZA (CASANARE)
768	Jul 18 2017	06:03:20.8	5.25	-73.76	150	2.3	0.6	59	35	CUCUNUBA (CUNDINAMARCA)
769	Jul 18 2017	06:06:56.2	7.09	-73.72	17	1.8	0.4	110	14	BARRANCABERMEJA (SANTANDER)
770	Jul 18 2017	06:13:47.8	6.75	-73.14	140	1.9	0.4	114	25	LOS SANTOS (SANTANDER)
771	Jul 18 2017	06:40:12.9	6.63	-73.24	148	1.1	0.1	187	6	BARICHARA (SANTANDER)
772	Jul 18 2017	07:21:34.1	6.83	-73.11	156	1.2	0.2	261	9	LOS SANTOS (SANTANDER)
773	Jul 18 2017	07:34: 5.4	6.80	-73.17	144	1.3	0.3	235	12	LOS SANTOS (SANTANDER)
774	Jul 18 2017	07:38:31.1	6.84	-73.13	134	1.4	0.3	242	12	LOS SANTOS (SANTANDER)
775	Jul 18 2017	07:49: 1.7	6.72	-73.17	144	1.4	0.4	229	11	VILLANUEVA (SANTANDER)
776	Jul 18 2017	07:56: 0.1	0.69	-77.86	Sup	1.8	0.3	171	10	FRONTERA CON ECUADOR
777	Jul 18 2017	08:16:22.3	6.83	-73.14	151	1.8	0.5	185	21	LOS SANTOS (SANTANDER)
778	Jul 18 2017	08:34:18.6	6.73	-73.19	152	1.3	0.3	226	11	VILLANUEVA (SANTANDER)
779	Jul 18 2017	08:34:18.8	6.72	-73.19	152	1.2	0.3	225	10	VILLANUEVA (SANTANDER)
780	Jul 18 2017	08:47:21.6	6.67	-73.27	130	1.6	0.2	91	16	GALAN (SANTANDER)
781	Jul 18 2017	09:02: 7.3	6.18	-73.66	107	1.4	0.3	96	13	LA PAZ (SANTANDER)
782	Jul 18 2017	09:04: 3.9	5.94	-73.78	112	1.4	0.4	131	12	SUCRE (SANTANDER)
783	Jul 18 2017	09:36:10.2	9.98	-73.55	88	1.6	0.3	129	12	AGUSTIN CODAZZI (CESAR)
784	Jul 18 2017	09:47: 8.9	6.81	-73.18	143	1.4	0.3	132	11	ZAPATOCA (SANTANDER)
785	Jul 18 2017	10:00:47.7	6.09	-74.15	85	1.3	0.1	106	8	CIMITARRA (SANTANDER)
786	Jul 18 2017	10:14:41.3	5.62	-74.14	105	1.5	0.5	168	18	OTANCHE (BOYACA)
787	Jul 18 2017	10:34:51.6	7.35	-73.21	126	1.8	0.3	93	21	RIONEGRO (SANTANDER)
788	Jul 18 2017	10:47:53.3	1.98	-75.93	Sup	1.6	0.2	138	12	TIMANA (HUILA)
789	Jul 18 2017	12:03:19.5	7.37	-73.19	124	1.8	0.3	261	10	EL PLAYON (SANTANDER)
790	Jul 18 2017	12:23:39.2	6.76	-73.16	146	1.2	0.2	233	8	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
791	Jul 18 2017	12:52:29.9	6.79	-73.13	147	2.3	0.5	113	27	LOS SANTOS (SANTANDER)
792	Jul 18 2017	12:58: 9.8	3.96	-75.50	Sup	1.6	0.8	174	13	SAN ANTONIO (TOLIMA)
793	Jul 18 2017	13:06:49.8	6.77	-73.14	143	1.8	0.6	113	17	LOS SANTOS (SANTANDER)
794	Jul 18 2017	13:21:49.9	6.08	-73.56	122	1.5	0.4	110	13	GUEPSA (SANTANDER)
795	Jul 18 2017	13:28:19.6	3.47	-74.19	Sup	1.7	0.4	127	12	MESETAS (META)
796	Jul 18 2017	13:35:30.7	6.81	-73.17	143	2.4	0.4	109	37	LOS SANTOS (SANTANDER)
797	Jul 18 2017	14:07: 5.5	6.83	-73.15	148	3.5	0.6	65	69	LOS SANTOS (SANTANDER)
798	Jul 18 2017	14:17:42.4	6.67	-73.18	136	1.6	0.5	223	14	VILLANUEVA (SANTANDER)
799	Jul 18 2017	14:46:30.4	6.86	-73.14	142	2.7	0.6	65	50	LOS SANTOS (SANTANDER)
800	Jul 18 2017	15:35:32.6	6.74	-73.15	140	1.8	0.4	232	15	LOS SANTOS (SANTANDER)
801	Jul 18 2017	16:10:15.0	6.75	-73.19	142	1.4	0.2	238	7	VILLANUEVA (SANTANDER)
802	Jul 18 2017	16:33: 2.0	6.81	-73.20	142	1.2	0.1	240	7	ZAPATOCA (SANTANDER)
803	Jul 18 2017	17:13:45.9	6.80	-73.14	135	1.4	0.4	238	11	LOS SANTOS (SANTANDER)
804	Jul 18 2017	17:59:26.8	6.81	-73.20	139	1.6	0.4	146	14	ZAPATOCA (SANTANDER)
805	Jul 18 2017	18:12: 7.7	6.46	-73.75	86	2.0	0.4	101	14	SANTA HELENA DEL OPON (SANTANDER)
806	Jul 18 2017	18:56:47.3	5.21	-73.73	141	1.6	0.5	107	15	CUCUNUBA (CUNDINAMARCA)
807	Jul 18 2017	19:37: 1.8	7.40	-73.15	127	1.7	0.2	264	10	EL PLAYON (SANTANDER)
808	Jul 18 2017	19:44:25.0	4.41	-73.61	Sup	2.4	0.5	67	19	SAN JUANITO (META)
809	Jul 18 2017	23:10:15.2	6.04	-77.31	Sup	1.9	0.8	194	12	BAHIA SOLANO (CHOCO)
810	Jul 19 2017	02:27: 9.0	4.47	-75.67	32	0.8	0.4	120	8	ARMENIA (QUINDIO)
811	Jul 19 2017	02:28:56.3	6.86	-73.22	146	1.3	0.4	275	7	ZAPATOCA (SANTANDER)
812	Jul 19 2017	03:54:14.2	5.43	-73.79	141	2.7	0.5	85	51	FUQUENE (CUNDINAMARCA)
813	Jul 19 2017	04:07:17.8	6.83	-73.16	145	2.7	0.4	111	37	LOS SANTOS (SANTANDER)
814	Jul 19 2017	04:49: 9.4	6.81	-73.17	136	2.3	0.5	132	28	ZAPATOCA (SANTANDER)
815	Jul 19 2017	04:51:41.0	7.02	-73.48	107	1.2	0.3	262	10	SAN VICENTE DE CHUCURI (SANTANDER)
816	Jul 19 2017	05:05:38.8	6.83	-73.16	136	1.4	0.4	243	10	LOS SANTOS (SANTANDER)
817	Jul 19 2017	05:40:18.1	6.79	-73.12	139	1.9	0.5	114	23	LOS SANTOS (SANTANDER)
818	Jul 19 2017	06:00:34.8	6.83	-73.16	146	2.2	0.4	109	33	LOS SANTOS (SANTANDER)
819	Jul 19 2017	06:59:55.3	3.70	-76.88	21	1.7	0.5	112	14	DAGUA (VALLE)
820	Jul 19 2017	07:59:12.8	6.87	-73.18	140	1.3	0.2	279	7	BETULIA (SANTANDER)
821	Jul 19 2017	08:22:47.6	6.74	-73.12	145	1.4	0.1	244	10	LOS SANTOS (SANTANDER)
822	Jul 19 2017	08:45:48.7	6.82	-73.16	142	1.4	0.3	243	10	LOS SANTOS (SANTANDER)
823	Jul 19 2017	09:21:38.9	5.12	-75.97	105	1.8	0.3	148	20	APIA (RISARALDA)
824	Jul 19 2017	09:41:10.6	6.79	-73.18	136	1.2	0.3	241	7	ZAPATOCA (SANTANDER)
825	Jul 19 2017	11:37:56.1	6.88	-73.17	145	3.3	0.5	62	62	BETULIA (SANTANDER)
826	Jul 19 2017	13:17:45.2	5.28	-73.71	142	1.4	0.3	230	10	LENGUAZAQUE (CUNDINAMARCA)
827	Jul 19 2017	13:27: 1.7	5.30	-72.96	Sup	2.8	0.6	138	32	SAN EDUARDO (BOYACA)
828	Jul 19 2017	17:00:45.7	11.85	-72.87	32	2.1	0.3	217	8	MAR CARIBE
829	Jul 19 2017	17:47:11.1	7.08	-73.35	114	1.1	0.3	143	11	LEBRIJA (SANTANDER)
830	Jul 19 2017	17:49: 7.1	6.67	-73.18	150	1.7	0.2	223	9	VILLANUEVA (SANTANDER)
831	Jul 19 2017	18:37:44.5	11.09	-73.98	9	2.6	0.8	147	18	PUEBLO BELLO (CESAR)
832	Jul 19 2017	18:56:55.0	7.04	-71.72	Sup	3.3	0.5	260	39	FRONTERA CON VENEZUELA
833	Jul 19 2017	19:54:38.5	2.32	-75.65	Sup	2.8	0.4	115	13	GIGANTE (HUILA)
834	Jul 19 2017	20:05:41.6	10.56	-72.82	109	1.8	0.4	172	10	MANAURE BALCON CESAR (CESAR)
835	Jul 19 2017	21:14:26.3	5.57	-75.97	19	2.1	0.5	129	22	ANDES (ANTIOQUIA)
836	Jul 19 2017	21:49:59.3	6.76	-73.16	137	1.8	0.4	111	20	LOS SANTOS (SANTANDER)
837	Jul 19 2017	22:34:30.2	6.79	-73.27	138	1.3	0.4	192	8	ZAPATOCA (SANTANDER)
838	Jul 19 2017	23:46:15.7	7.06	-77.10	19	1.8	0.4	150	17	MURINDO (ANTIOQUIA)
839	Jul 20 2017	01:17:16.0	6.78	-73.14	141	2.3	0.5	113	30	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
840	Jul 20 2017	03:00:40.6	7.26	-73.32	122	1.7	0.4	249	11	RIONEGRO (SANTANDER)
841	Jul 20 2017	03:40:59.0	6.71	-73.07	150	1.4	0.4	239	7	JORDAN (SANTANDER)
842	Jul 20 2017	04:14:23.3	5.01	-76.24	98	1.1	0.3	173	8	SAN JOSE DEL PALMAR (CHOCO)
843	Jul 20 2017	04:47:31.3	6.75	-73.19	147	1.1	0.4	228	8	VILLANUEVA (SANTANDER)
844	Jul 20 2017	04:52: 4.8	6.78	-73.14	148	1.7	0.4	138	14	LOS SANTOS (SANTANDER)
845	Jul 20 2017	04:55:44.1	5.93	-73.57	127	1.2	0.4	145	10	BARBOSA (SANTANDER)
846	Jul 20 2017	05:14:52.4	5.39	-73.75	132	1.3	0.5	138	18	FUQUENE (CUNDINAMARCA)
847	Jul 20 2017	06:05:16.8	6.76	-73.16	147	1.5	0.3	232	13	LOS SANTOS (SANTANDER)
848	Jul 20 2017	06:18:26.0	4.07	-75.56	Sup	1.9	0.4	59	32	RONCESVALLES (TOLIMA)
849	Jul 20 2017	06:59:39.9	6.73	-73.20	134	1.1	0.2	237	8	VILLANUEVA (SANTANDER)
850	Jul 20 2017	07:24:38.7	6.81	-73.15	149	1.4	0.4	237	12	LOS SANTOS (SANTANDER)
851	Jul 20 2017	07:48:46.8	6.81	-73.14	146	1.8	0.5	112	28	LOS SANTOS (SANTANDER)
852	Jul 20 2017	07:52:40.1	4.37	-76.76	63	1.4	0.5	149	17	SIPI (CHOCO)
853	Jul 20 2017	08:03:25.0	4.08	-75.56	Sup	1.4	0.4	109	20	RONCESVALLES (TOLIMA)
854	Jul 20 2017	08:12: 2.8	6.74	-76.72	15	1.9	0.6	120	28	VIGIA DEL FUERTE (ANTIOQUIA)
855	Jul 20 2017	08:28:52.1	6.22	-73.14	180	2.1	0.5	115	36	CHARALA (SANTANDER)
856	Jul 20 2017	09:38:46.0	6.80	-73.11	140	1.7	0.3	114	24	LOS SANTOS (SANTANDER)
857	Jul 20 2017	10:09:49.2	8.65	-73.58	90	1.9	0.2	149	9	PELAYA (CESAR)
858	Jul 20 2017	10:34:50.3	6.76	-73.12	135	1.8	0.5	140	15	LOS SANTOS (SANTANDER)
859	Jul 20 2017	10:52: 7.8	6.78	-73.14	143	1.4	0.4	138	14	LOS SANTOS (SANTANDER)
860	Jul 20 2017	11:06:34.9	1.92	-79.26	13	2.8	0.6	239	34	O. PACIFICO SUR
861	Jul 20 2017	11:13:27.2	10.75	-73.30	85	2.2	0.3	120	8	LA PAZ (CESAR)
862	Jul 20 2017	11:55: 9.3	6.78	-73.16	137	2.1	0.5	111	24	LOS SANTOS (SANTANDER)
863	Jul 20 2017	12:16:38.0	6.72	-73.19	134	1.2	0.3	133	8	VILLANUEVA (SANTANDER)
864	Jul 20 2017	13:41:22.4	5.57	-72.63	Sup	2.7	0.6	126	34	LABRANZAGRANDE (BOYACA)
865	Jul 20 2017	14:03: 0.5	6.86	-73.18	130	1.9	0.4	110	24	ZAPATOCA (SANTANDER)
866	Jul 20 2017	14:43: 4.0	7.25	-75.98	Sup	1.8	0.4	178	20	ITUANGO (ANTIOQUIA)
867	Jul 20 2017	14:57: 5.7	6.80	-73.20	143	1.2	0.2	145	8	ZAPATOCA (SANTANDER)
868	Jul 20 2017	15:56:24.9	6.78	-73.15	148	1.1	0.3	140	8	LOS SANTOS (SANTANDER)
869	Jul 20 2017	17:06:15.6	6.96	-73.18	145	1.4	0.2	125	9	GIRON (SANTANDER)
870	Jul 20 2017	17:27:19.3	6.10	-72.96	Sup	2.0	0.7	99	17	BELEN (BOYACA)
871	Jul 20 2017	18:50: 5.4	6.83	-73.15	145	2.5	0.5	64	32	LOS SANTOS (SANTANDER)
872	Jul 20 2017	19:33:51.1	6.83	-73.31	115	1.4	0.3	106	11	ZAPATOCA (SANTANDER)
873	Jul 20 2017	20:19:12.6	6.77	-73.12	138	2.2	0.4	115	28	LOS SANTOS (SANTANDER)
874	Jul 20 2017	22:08:52.5	5.92	-73.89	100	1.6	0.4	107	22	LA BELLEZA (SANTANDER)
875	Jul 20 2017	23:07:35.3	7.15	-74.46	12	1.6	0.6	134	20	SEGOVIA (ANTIOQUIA)
876	Jul 20 2017	23:24:51.1	7.87	-74.55	25	1.5	0.5	230	8	NECHI (ANTIOQUIA)
877	Jul 20 2017	23:42:41.8	6.77	-73.14	144	1.4	0.3	236	8	LOS SANTOS (SANTANDER)
878	Jul 20 2017	23:50:52.4	1.31	-76.79	Sup	1.7	0.6	131	22	SAN FRANCISCO (PUTUMAYO)
879	Jul 21 2017	00:21:36.5	6.80	-73.12	148	2.1	0.4	113	26	LOS SANTOS (SANTANDER)
880	Jul 21 2017	00:50:52.4	3.89	-76.56	121	1.8	0.5	97	23	RESTREPO (VALLE)
881	Jul 21 2017	01:40: 0.2	6.76	-73.13	151	1.4	0.3	236	10	LOS SANTOS (SANTANDER)
882	Jul 21 2017	01:53:22.1	5.80	-75.92	50	1.5	0.5	102	11	HISPANIA (ANTIOQUIA)
883	Jul 21 2017	03:47:39.2	6.76	-73.15	154	1.2	0.3	249	7	LOS SANTOS (SANTANDER)
884	Jul 21 2017	03:52:24.3	7.64	-73.98	Sup	1.7	0.5	203	12	SAN PABLO (BOLIVAR)
885	Jul 21 2017	03:58:39.2	1.65	-78.18	39	2.2	0.4	158	26	BARBACOAS (NARINO)
886	Jul 21 2017	05:32:26.2	6.77	-73.40	124	1.3	0.2	172	10	SAN VICENTE DE CHUCURI (SANTANDER)
887	Jul 21 2017	05:37: 6.7	6.81	-73.15	146	2.5	0.5	103	42	LOS SANTOS (SANTANDER)
888	Jul 21 2017	06:52:38.0	6.77	-73.16	147	1.5	0.3	135	14	LOS SANTOS (SANTANDER)
889	Jul 21 2017	07:24:30.3	6.69	-73.18	146	1.5	0.4	225	10	VILLANUEVA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
890	Jul 21 2017	07:45:49.5	6.76	-73.11	145	1.4	0.5	142	12	LOS SANTOS (SANTANDER)
891	Jul 21 2017	09:03:44.8	3.87	-76.04	12	1.6	0.3	118	12	SAN PEDRO (VALLE)
892	Jul 21 2017	10:19:6.9	4.79	-76.15	98	1.6	0.4	75	14	ARGELIA (VALLE)
893	Jul 21 2017	10:19:14.7	6.77	-73.19	135	1.3	0.4	230	10	ZAPATOCA (SANTANDER)
894	Jul 21 2017	10:35:39.4	6.77	-73.09	144	1.6	0.3	214	17	LOS SANTOS (SANTANDER)
895	Jul 21 2017	10:44:32.0	6.78	-73.15	145	1.8	0.3	112	23	LOS SANTOS (SANTANDER)
896	Jul 21 2017	11:41:25.9	4.82	-76.14	106	1.6	0.4	85	15	ARGELIA (VALLE)
897	Jul 21 2017	12:09:31.5	5.33	-73.89	110	1.5	0.1	280	7	CARMEN DE CARUPA (CUNDINAMARCA)
898	Jul 21 2017	13:49:28.8	1.69	-76.22	100	1.9	0.4	160	13	PALESTINA (HUILA)
899	Jul 21 2017	13:50:11.1	6.85	-73.18	146	1.9	0.1	249	7	ZAPATOCA (SANTANDER)
900	Jul 21 2017	14:27:32.4	6.87	-73.38	106	2.2	0.4	110	22	SAN VICENTE DE CHUCURI (SANTANDER)
901	Jul 21 2017	15:24:31.2	6.67	-73.22	149	1.6	0.4	200	8	BARICHARA (SANTANDER)
902	Jul 21 2017	15:59:53.5	6.82	-73.12	145	1.9	0.3	138	18	LOS SANTOS (SANTANDER)
903	Jul 21 2017	16:02:54.9	6.36	-77.68	24	2.8	0.4	234	9	O. PACIFICO NORTE
904	Jul 21 2017	16:18:5.9	6.66	-73.21	132	1.1	0.3	221	7	BARICHARA (SANTANDER)
905	Jul 21 2017	16:49:39.7	6.75	-73.09	140	1.6	0.5	239	10	LOS SANTOS (SANTANDER)
906	Jul 21 2017	19:20:30.2	6.48	-77.47	Sup	2.0	0.5	166	22	O. PACIFICO NORTE
907	Jul 21 2017	19:25:18.6	5.04	-74.62	18	1.4	0.2	167	10	GUADUAS (CUNDINAMARCA)
908	Jul 21 2017	20:12:44.0	6.82	-73.17	143	1.9	0.4	253	15	ZAPATOCA (SANTANDER)
909	Jul 21 2017	21:30:30.7	6.55	-73.54	111	1.8	0.4	101	18	EL CARMEN (SANTANDER)
910	Jul 21 2017	22:11:6.6	4.15	-76.56	66	2.0	0.4	121	14	CALIMA (VALLE)
911	Jul 21 2017	22:49:58.6	6.81	-73.13	150	1.5	0.4	137	12	LOS SANTOS (SANTANDER)
912	Jul 22 2017	00:39:14.9	3.54	-76.24	138	1.5	0.3	134	14	PALMIRA (VALLE)
913	Jul 22 2017	01:08:33.7	6.77	-73.20	144	1.3	0.2	229	8	ZAPATOCA (SANTANDER)
914	Jul 22 2017	02:00:39.9	1.92	-74.31	Sup	2.0	0.3	128	9	SAN VICENTE DEL CAGUAN (CAQUETA)
915	Jul 22 2017	02:49:35.9	2.88	-78.02	Sup	1.5	0.5	151	14	O. PACIFICO SUR
916	Jul 22 2017	03:05:18.3	5.90	-73.79	115	1.4	0.2	186	8	SUCRE (SANTANDER)
917	Jul 22 2017	04:52:50.9	6.80	-73.15	149	1.4	0.3	135	13	LOS SANTOS (SANTANDER)
918	Jul 22 2017	04:54:27.2	3.73	-76.24	144	1.6	0.3	120	10	GINEBRA (VALLE)
919	Jul 22 2017	05:09:9.0	6.93	-73.07	144	1.1	0.2	256	8	PIEDRECUESTA (SANTANDER)
920	Jul 22 2017	05:57:7.4	6.81	-73.15	146	2.1	0.5	111	34	LOS SANTOS (SANTANDER)
921	Jul 22 2017	05:59:41.8	6.80	-73.15	147	1.9	0.3	111	22	LOS SANTOS (SANTANDER)
922	Jul 22 2017	06:05:52.5	5.72	-77.71	42	1.8	0.2	202	14	O. PACIFICO NORTE
923	Jul 22 2017	06:47:21.3	6.60	-73.18	139	1.2	0.2	227	8	BARICHARA (SANTANDER)
924	Jul 22 2017	07:02:44.1	7.27	-75.63	Sup	1.4	0.4	125	14	ITUANGO (ANTIOQUIA)
925	Jul 22 2017	07:08:35.6	6.81	-73.16	148	1.6	0.4	110	17	LOS SANTOS (SANTANDER)
926	Jul 22 2017	07:26:10.8	6.81	-73.15	147	1.7	0.5	135	18	LOS SANTOS (SANTANDER)
927	Jul 22 2017	07:36:25.1	6.75	-73.20	146	1.3	0.3	228	12	ZAPATOCA (SANTANDER)
928	Jul 22 2017	07:43:28.8	6.81	-73.13	143	1.7	0.4	112	22	LOS SANTOS (SANTANDER)
929	Jul 22 2017	08:51:53.9	7.17	-73.58	23	1.3	0.6	156	12	SABANA DE TORRES (SANTANDER)
930	Jul 22 2017	09:20:45.0	6.62	-73.52	106	1.3	0.3	117	10	EL CARMEN (SANTANDER)
931	Jul 22 2017	09:52:51.5	6.80	-73.12	149	1.8	0.4	139	18	LOS SANTOS (SANTANDER)
932	Jul 22 2017	10:11:16.1	3.68	-75.60	Sup	1.7	0.6	73	25	CHAPARRAL (TOLIMA)
933	Jul 22 2017	10:14:28.8	1.33	-78.98	Sup	3.1	0.5	202	44	O. PACIFICO SUR
934	Jul 22 2017	10:15:20.4	2.30	-75.47	20	1.8	0.2	124	9	GIGANTE (HUILA)
935	Jul 22 2017	11:08:3.0	6.68	-73.24	130	1.5	0.4	208	8	BARICHARA (SANTANDER)
936	Jul 22 2017	11:12:11.1	6.79	-73.14	143	1.0	0.3	244	7	LOS SANTOS (SANTANDER)
937	Jul 22 2017	11:48:7.1	4.78	-76.24	97	1.5	0.2	107	14	EL CAIRO (VALLE)
938	Jul 22 2017	12:58:38.3	4.09	-76.34	140	1.7	0.5	99	12	RIOFRIO (VALLE)
939	Jul 22 2017	13:18:33.6	6.83	-76.16	Sup	1.5	0.4	174	10	URAMITA (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
940	Jul 22 2017	14:31:15.5	4.80	-74.56	11	0.9	0.2	213	8	VIANI (CUNDINAMARCA)
941	Jul 22 2017	14:39:36.0	7.25	-76.98	15	2.7	0.4	168	48	RIOSUCIO (CHOCO)
942	Jul 22 2017	15:07:54.4	6.76	-73.10	138	1.2	0.1	143	8	LOS SANTOS (SANTANDER)
943	Jul 22 2017	16:22:53.1	6.79	-73.18	138	1.7	0.4	233	15	LOS SANTOS (SANTANDER)
944	Jul 22 2017	16:46:14.3	6.80	-73.13	143	1.4	0.2	138	10	LOS SANTOS (SANTANDER)
945	Jul 22 2017	17:16:12.8	6.73	-73.11	136	2.1	0.5	92	28	JORDAN (SANTANDER)
946	Jul 22 2017	17:39:48.6	4.52	-76.45	64	1.6	0.4	139	20	EL DOVIO (VALLE)
947	Jul 22 2017	19:51:14.0	6.73	-73.19	138	1.7	0.4	133	12	VILLANUEVA (SANTANDER)
948	Jul 22 2017	19:53:59.5	6.34	-73.56	112	2.1	0.3	81	31	SANTA HELENA DEL OPON (SANTANDER)
949	Jul 22 2017	20:54:12.6	6.80	-73.11	145	1.7	0.3	141	14	LOS SANTOS (SANTANDER)
950	Jul 22 2017	21:29:46.1	6.69	-73.20	149	1.1	0.1	222	7	VILLANUEVA (SANTANDER)
951	Jul 22 2017	21:57:17.7	5.49	-73.81	150	1.1	0.1	201	6	SUSA (CUNDINAMARCA)
952	Jul 22 2017	22:56:27.1	6.74	-73.20	117	1.1	0.4	224	10	VILLANUEVA (SANTANDER)
953	Jul 22 2017	23:25:17.9	9.40	-74.53	24	3.5	0.6	62	58	SANTA ANA (MAGDALENA)
954	Jul 22 2017	23:44: 4.9	6.85	-76.24	57	1.1	0.3	206	6	URAMITA (ANTIOQUIA)
955	Jul 23 2017	00:32:43.9	6.69	-73.22	140	1.6	0.3	197	15	VILLANUEVA (SANTANDER)
956	Jul 23 2017	01:09:15.8	6.80	-73.16	145	2.7	0.5	64	37	LOS SANTOS (SANTANDER)
957	Jul 23 2017	03:03: 2.8	5.67	-72.58	Sup	1.7	0.4	177	14	PISVA (BOYACA)
958	Jul 23 2017	04:28: 5.9	5.78	-73.05	Sup	1.3	0.4	159	13	DUITAMA (BOYACA)
959	Jul 23 2017	05:03:32.7	6.76	-71.98	Sup	2.0	0.5	200	23	FORTUL (ARAUCA)
960	Jul 23 2017	05:05:59.9	6.72	-71.98	Sup	1.8	0.6	224	18	FORTUL (ARAUCA)
961	Jul 23 2017	05:57:44.4	6.79	-73.13	152	1.9	0.3	113	28	LOS SANTOS (SANTANDER)
962	Jul 23 2017	06:11:37.8	6.77	-73.16	146	1.5	0.4	234	10	LOS SANTOS (SANTANDER)
963	Jul 23 2017	06:40:30.3	6.57	-72.82	Sup	1.1	0.2	259	8	MOLAGAVITA (SANTANDER)
964	Jul 23 2017	06:43:48.4	6.68	-73.19	139	1.1	0.4	223	11	VILLANUEVA (SANTANDER)
965	Jul 23 2017	06:48:59.1	10.07	-73.01	118	1.3	0.2	185	6	AGUSTIN CODAZZI (CESAR)
966	Jul 23 2017	06:55:55.8	6.78	-73.12	141	1.6	0.3	220	23	LOS SANTOS (SANTANDER)
967	Jul 23 2017	07:09:35.8	6.76	-73.16	142	1.2	0.4	209	12	LOS SANTOS (SANTANDER)
968	Jul 23 2017	07:32:41.3	6.77	-73.16	136	2.4	0.5	111	40	LOS SANTOS (SANTANDER)
969	Jul 23 2017	08:09: 8.1	6.82	-73.15	145	1.6	0.4	214	21	LOS SANTOS (SANTANDER)
970	Jul 23 2017	09:44:42.5	6.91	-76.63	Sup	2.1	0.8	132	29	MURINDO (ANTIOQUIA)
971	Jul 23 2017	11:06:58.1	6.80	-73.15	148	1.9	0.5	213	16	LOS SANTOS (SANTANDER)
972	Jul 23 2017	13:10: 8.3	5.95	-73.65	118	2.3	0.5	97	29	BARBOSA (SANTANDER)
973	Jul 23 2017	14:25:50.8	5.23	-74.74	10	1.6	0.5	74	19	HONDA (TOLIMA)
974	Jul 23 2017	15:00:51.7	6.76	-73.15	147	1.3	0.5	234	9	LOS SANTOS (SANTANDER)
975	Jul 23 2017	15:31:40.0	6.76	-73.14	153	1.5	0.5	235	11	LOS SANTOS (SANTANDER)
976	Jul 23 2017	16:08:54.6	6.83	-73.19	147	1.2	0.3	235	8	ZAPATOCA (SANTANDER)
977	Jul 23 2017	17:47: 1.7	3.96	-76.60	108	1.4	0.1	105	7	CALIMA (VALLE)
978	Jul 23 2017	17:49:23.0	6.78	-73.15	142	2.0	0.5	99	23	LOS SANTOS (SANTANDER)
979	Jul 23 2017	18:21:20.2	6.77	-73.08	153	1.5	0.2	146	9	LOS SANTOS (SANTANDER)
980	Jul 23 2017	18:46:27.1	6.77	-73.15	148	1.6	0.4	235	9	LOS SANTOS (SANTANDER)
981	Jul 23 2017	19:10:19.0	6.77	-73.12	139	1.6	0.4	140	12	LOS SANTOS (SANTANDER)
982	Jul 23 2017	20:02: 6.5	6.27	-73.58	102	1.5	0.4	91	14	SANTA HELENA DEL OPON (SANTANDER)
983	Jul 23 2017	20:28:59.1	6.83	-73.10	145	1.7	0.4	140	20	LOS SANTOS (SANTANDER)
984	Jul 23 2017	20:55:39.7	6.80	-73.14	142	2.0	0.5	112	30	LOS SANTOS (SANTANDER)
985	Jul 23 2017	21:12: 4.2	7.46	-73.20	132	2.3	0.5	106	37	EL PLAYON (SANTANDER)
986	Jul 23 2017	21:26:38.4	6.77	-73.06	151	1.8	0.2	148	18	LOS SANTOS (SANTANDER)
987	Jul 23 2017	21:45:12.2	6.78	-73.14	141	2.3	0.5	72	38	LOS SANTOS (SANTANDER)
988	Jul 23 2017	22:05:20.3	6.74	-73.21	144	1.5	0.3	223	10	VILLANUEVA (SANTANDER)
989	Jul 23 2017	22:14:40.6	6.74	-73.19	143	1.3	0.3	228	8	VILLANUEVA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
990	Jul 23 2017	22:37:53.0	6.80	-73.10	143	1.9	0.5	216	20	LOS SANTOS (SANTANDER)
991	Jul 23 2017	23:08:16.6	6.72	-73.18	140	1.0	0.4	227	6	VILLANUEVA (SANTANDER)
992	Jul 23 2017	23:17:19.2	6.70	-73.21	141	1.3	0.4	213	9	VILLANUEVA (SANTANDER)
993	Jul 23 2017	23:31:20.2	5.81	-73.10	Sup	1.9	0.6	55	28	PAIPA (BOYACA)
994	Jul 23 2017	23:54:46.3	4.55	-76.73	18	1.3	0.3	184	6	SIPI (CHOCO)
995	Jul 24 2017	00:27: 0.9	6.76	-73.13	148	1.3	0.4	236	11	LOS SANTOS (SANTANDER)
996	Jul 24 2017	01:07:24.4	6.80	-73.14	145	1.9	0.5	102	26	LOS SANTOS (SANTANDER)
997	Jul 24 2017	01:21:35.9	6.80	-73.12	145	2.0	0.5	108	31	LOS SANTOS (SANTANDER)
998	Jul 24 2017	01:25:47.8	0.64	-77.84	Sup	2.3	1.1	115	26	FRONTERA CON ECUADOR
999	Jul 24 2017	01:35:33.8	6.80	-73.14	148	1.9	0.6	66	31	LOS SANTOS (SANTANDER)
1000	Jul 24 2017	01:52:54.3	5.81	-72.60	Sup	1.1	0.6	133	10	PISVA (BOYACA)
1001	Jul 24 2017	01:58:50.0	7.04	-77.77	21	2.0	0.6	160	23	O. PACIFICO NORTE
1002	Jul 24 2017	03:15: 4.2	3.41	-76.84	54	1.5	0.5	128	15	DAGUA (VALLE)
1003	Jul 24 2017	03:22:56.1	7.42	-73.36	126	1.5	0.4	241	12	SABANA DE TORRES (SANTANDER)
1004	Jul 24 2017	03:36:14.1	6.78	-73.12	141	1.7	0.5	70	28	LOS SANTOS (SANTANDER)
1005	Jul 24 2017	03:56: 0.2	5.69	-78.39	32	1.9	0.4	193	20	O. PACIFICO NORTE
1006	Jul 24 2017	04:13:48.9	6.75	-73.12	144	1.4	0.3	210	12	LOS SANTOS (SANTANDER)
1007	Jul 24 2017	04:24:27.0	6.76	-73.11	149	1.4	0.3	238	11	LOS SANTOS (SANTANDER)
1008	Jul 24 2017	04:35:11.8	6.73	-73.18	152	1.0	0.3	228	8	VILLANUEVA (SANTANDER)
1009	Jul 24 2017	04:36:22.3	5.09	-72.92	Sup	0.8	0.5	158	9	PAEZ (BOYACA)
1010	Jul 24 2017	04:48:33.8	2.79	-74.49	Sup	1.0	0.4	169	8	URIBE (META)
1011	Jul 24 2017	05:05:18.8	4.70	-76.05	34	1.7	0.8	70	34	ARGELIA (VALLE)
1012	Jul 24 2017	06:15:20.5	6.77	-73.16	147	1.5	0.5	209	13	LOS SANTOS (SANTANDER)
1013	Jul 24 2017	06:20:41.5	6.79	-73.12	140	2.2	0.5	67	40	LOS SANTOS (SANTANDER)
1014	Jul 24 2017	06:30: 9.8	6.76	-73.15	150	1.5	0.4	208	15	LOS SANTOS (SANTANDER)
1015	Jul 24 2017	06:32: 2.1	6.83	-73.12	145	1.3	0.4	217	11	LOS SANTOS (SANTANDER)
1016	Jul 24 2017	06:41: 1.3	6.83	-73.10	145	1.3	0.4	244	11	LOS SANTOS (SANTANDER)
1017	Jul 24 2017	06:55:43.9	6.81	-73.14	143	1.5	0.5	185	21	LOS SANTOS (SANTANDER)
1018	Jul 24 2017	07:04:48.5	6.62	-73.15	141	1.1	0.1	266	7	VILLANUEVA (SANTANDER)
1019	Jul 24 2017	07:21:40.7	8.31	-73.51	102	1.6	0.6	131	20	AGUACHICA (CESAR)
1020	Jul 24 2017	07:57:35.3	6.74	-73.17	147	1.2	0.3	205	12	LOS SANTOS (SANTANDER)
1021	Jul 24 2017	08:20:43.1	6.74	-73.14	142	0.9	0.4	208	13	LOS SANTOS (SANTANDER)
1022	Jul 24 2017	08:49:57.9	6.78	-73.15	144	1.8	0.5	112	20	LOS SANTOS (SANTANDER)
1023	Jul 24 2017	11:08: 2.6	2.48	-75.45	9	1.9	0.5	86	16	HOBO (HUILA)
1024	Jul 24 2017	11:10:48.2	6.76	-73.15	149	1.4	0.3	234	8	LOS SANTOS (SANTANDER)
1025	Jul 24 2017	<u>13:25: 2.7</u>	<u>6.82</u>	<u>-73.12</u>	<u>156</u>	<u>4.8*</u>	<u>0.7</u>	<u>67</u>	<u>95</u>	<u>LOS SANTOS (SANTANDER)</u>
1026	Jul 24 2017	16:20:49.1	6.82	-73.11	144	1.9	0.4	114	14	LOS SANTOS (SANTANDER)
1027	Jul 24 2017	16:59: 6.0	6.80	-73.13	144	2.3	0.4	101	29	LOS SANTOS (SANTANDER)
1028	Jul 24 2017	17:14:27.8	6.39	-73.61	106	2.0	0.5	79	20	SANTA HELENA DEL OPO (SANTANDER)
1029	Jul 24 2017	17:27:40.3	7.29	-75.29	11	1.5	0.6	126	12	VALDIVIA (ANTIOQUIA)
1030	Jul 24 2017	18:00:60.0	6.84	-73.13	145	3.2	0.7	65	59	LOS SANTOS (SANTANDER)
1031	Jul 24 2017	20:41:54.5	6.00	-74.08	84	1.8	0.5	81	18	LA BELLEZA (SANTANDER)
1032	Jul 24 2017	21:19:36.1	4.12	-76.21	130	2.0	0.3	133	13	TULUA (VALLE)
1033	Jul 24 2017	22:42:57.7	3.84	-75.03	25	1.9	0.6	54	24	SALDANA (TOLIMA)
1034	Jul 24 2017	23:25:11.1	7.21	-73.07	153	2.4	0.4	109	24	RIONEGRO (SANTANDER)
1035	Jul 25 2017	00:17:40.0	5.98	-72.41	Sup	3.0	0.5	117	48	LA SALINA (CASANARE)
1036	Jul 25 2017	00:22:40.2	5.95	-72.45	Sup	1.2	0.2	115	12	SOCOTA (BOYACA)
1037	Jul 25 2017	00:31: 2.7	5.97	-72.41	Sup	3.1	0.7	117	58	LA SALINA (CASANARE)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1038	Jul 25 2017	00:59: 1.1	3.06	-78.35	20	1.6	0.3	274	13	O. PACIFICO SUR
1039	Jul 25 2017	01:05:17.5	6.81	-73.16	144	2.0	0.4	64	31	LOS SANTOS (SANTANDER)
1040	Jul 25 2017	01:33: 9.3	3.72	-76.88	25	1.1	0.4	132	10	DAGUA (VALLE)
1041	Jul 25 2017	01:39:54.2	4.80	-76.15	100	1.1	0.4	181	8	EL CAIRO (VALLE)
1042	Jul 25 2017	01:41:33.3	4.48	-72.67	Sup	1.5	0.8	100	12	CABUYARO (META)
1043	Jul 25 2017	01:56:16.2	6.80	-73.16	144	1.2	0.5	212	12	LOS SANTOS (SANTANDER)
1044	Jul 25 2017	01:59:16.3	6.77	-73.13	151	1.1	0.1	237	8	LOS SANTOS (SANTANDER)
1045	Jul 25 2017	02:06:39.0	6.76	-73.13	140	1.1	0.4	218	10	LOS SANTOS (SANTANDER)
1046	Jul 25 2017	02:28:24.0	4.13	-75.96	147	1.1	0.3	130	8	SEVILLA (VALLE)
1047	Jul 25 2017	04:32:45.9	5.26	-73.73	145	1.4	0.5	77	26	CUCUNUBA (CUNDINAMARCA)
1048	Jul 25 2017	05:00:13.6	6.54	-74.52	54	1.0	0.3	105	11	PUERTO BERRIO (ANTIOQUIA)
1049	Jul 25 2017	06:00:47.0	7.13	-76.24	Sup	1.3	0.6	239	10	DABEIBA (ANTIOQUIA)
1050	Jul 25 2017	06:06:22.6	6.81	-73.10	144	1.2	0.4	162	7	LOS SANTOS (SANTANDER)
1051	Jul 25 2017	06:21:36.6	6.78	-73.12	146	1.6	0.5	99	28	LOS SANTOS (SANTANDER)
1052	Jul 25 2017	07:05:12.7	6.81	-73.14	138	1.5	0.5	112	26	LOS SANTOS (SANTANDER)
1053	Jul 25 2017	07:06:26.4	6.80	-73.12	148	2.5	0.5	67	57	LOS SANTOS (SANTANDER)
1054	Jul 25 2017	07:09:11.0	6.78	-73.13	147	1.6	0.5	113	26	LOS SANTOS (SANTANDER)
1055	Jul 25 2017	07:20: 1.8	6.79	-73.13	148	1.7	0.5	113	23	LOS SANTOS (SANTANDER)
1056	Jul 25 2017	07:21:39.0	6.80	-73.10	148	1.2	0.4	263	9	LOS SANTOS (SANTANDER)
1057	Jul 25 2017	07:22:57.9	6.82	-73.12	140	1.4	0.4	113	11	LOS SANTOS (SANTANDER)
1058	Jul 25 2017	07:44:27.1	5.85	-74.03	101	0.4	0.4	175	7	LA BELLEZA (SANTANDER)
1059	Jul 25 2017	07:45:29.8	6.64	-73.15	141	1.3	0.4	255	8	VILLANUEVA (SANTANDER)
1060	Jul 25 2017	08:30:23.3	3.07	-77.84	Sup	2.2	0.7	131	39	O. PACIFICO SUR
1061	Jul 25 2017	08:44:16.9	6.80	-73.14	144	1.7	0.5	101	30	LOS SANTOS (SANTANDER)
1062	Jul 25 2017	10:05:17.5	6.80	-73.16	146	1.7	0.4	102	18	LOS SANTOS (SANTANDER)
1063	Jul 25 2017	10:22: 3.6	3.57	-76.74	66	1.4	0.4	130	9	DAGUA (VALLE)
1064	Jul 25 2017	10:29:19.4	6.74	-73.17	158	1.4	0.4	230	11	VILLANUEVA (SANTANDER)
1065	Jul 25 2017	10:54: 6.6	7.29	-74.35	Sup	1.6	0.5	175	14	SEGOVIA (ANTIOQUIA)
1066	Jul 25 2017	11:29:29.2	6.78	-73.14	148	1.9	0.4	212	16	LOS SANTOS (SANTANDER)
1067	Jul 25 2017	13:37:29.6	6.76	-73.13	134	1.8	0.6	210	13	LOS SANTOS (SANTANDER)
1068	Jul 25 2017	15:00:14.0	3.82	-76.19	147	1.5	0.4	116	10	GINEBRA (VALLE)
1069	Jul 25 2017	15:05:38.1	6.78	-73.15	138	1.8	0.3	136	12	LOS SANTOS (SANTANDER)
1070	Jul 25 2017	16:42:55.5	2.70	-76.79	22	1.7	0.4	160	10	MORALES (CAUCA)
1071	Jul 25 2017	17:01:56.0	5.37	-77.50	Sup	1.9	0.5	272	11	O. PACIFICO CENTRO
1072	Jul 25 2017	19:37: 6.8	4.23	-76.36	73	2.0	0.2	168	8	TRUJILLO (VALLE)
1073	Jul 25 2017	20:00:22.5	6.81	-73.15	143	2.5	0.3	213	15	LOS SANTOS (SANTANDER)
1074	Jul 25 2017	20:20:54.3	6.80	-73.17	141	2.1	0.4	109	22	ZAPATOCA (SANTANDER)
1075	Jul 25 2017	20:21:58.1	6.76	-73.17	139	2.0	0.5	111	22	LOS SANTOS (SANTANDER)
1076	Jul 25 2017	20:58:39.9	2.99	-76.80	103	1.6	0.4	180	12	SUAREZ (CAUCA)
1077	Jul 25 2017	22:52:13.2	6.83	-73.23	141	1.5	0.5	228	8	ZAPATOCA (SANTANDER)
1078	Jul 25 2017	22:54:15.9	5.24	-73.72	143	2.2	0.4	55	31	CUCUNUBA (CUNDINAMARCA)
1079	Jul 25 2017	23:53:24.7	6.71	-73.16	149	1.8	0.2	211	11	VILLANUEVA (SANTANDER)
1080	Jul 26 2017	00:07: 2.8	6.72	-73.16	148	1.4	0.5	137	9	VILLANUEVA (SANTANDER)
1081	Jul 26 2017	00:26:25.6	5.31	-76.45	22	1.3	0.6	213	12	BAGADO (CHOCO)
1082	Jul 26 2017	00:39:30.4	2.62	-75.69	14	1.0	0.1	202	8	IQUIRA (HUILA)
1083	Jul 26 2017	00:48:25.1	6.80	-73.13	142	2.0	0.6	72	33	LOS SANTOS (SANTANDER)
1084	Jul 26 2017	00:50:18.4	7.00	-77.78	37	2.8	0.4	198	8	O. PACIFICO NORTE
1085	Jul 26 2017	01:02:47.6	6.52	-74.73	18	1.5	0.5	105	19	MACEO (ANTIOQUIA)
1086	Jul 26 2017	02:07: 6.6	6.82	-73.14	142	3.0	0.6	65	62	LOS SANTOS (SANTANDER)
1087	Jul 26 2017	02:18:47.5	6.80	-73.12	149	1.7	0.6	215	24	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1088	Jul 26 2017	03:05:47.2	6.78	-73.16	147	1.4	0.5	210	17	LOS SANTOS (SANTANDER)
1089	Jul 26 2017	03:44:11.9	5.25	-73.72	150	1.5	0.5	94	20	CUCUNUBA (CUNDINAMARCA)
1090	Jul 26 2017	03:45:20.1	6.77	-73.11	139	1.4	0.5	262	16	LOS SANTOS (SANTANDER)
1091	Jul 26 2017	03:51:17.0	6.81	-73.15	144	1.8	0.6	74	33	LOS SANTOS (SANTANDER)
1092	Jul 26 2017	03:59:20.8	6.80	-73.10	141	1.6	0.4	216	15	LOS SANTOS (SANTANDER)
1093	Jul 26 2017	04:42:52.9	6.84	-73.14	145	2.7	0.6	65	56	LOS SANTOS (SANTANDER)
1094	Jul 26 2017	04:57:56.3	6.73	-73.11	148	1.4	0.4	217	14	JORDAN (SANTANDER)
1095	Jul 26 2017	05:49:30.6	5.26	-73.73	148	3.2	0.6	39	72	CUCUNUBA (CUNDINAMARCA)
1096	Jul 26 2017	06:15:31.9	6.75	-73.12	149	1.5	0.4	211	11	LOS SANTOS (SANTANDER)
1097	Jul 26 2017	06:47:30.6	6.83	-73.13	148	1.9	0.4	66	34	LOS SANTOS (SANTANDER)
1098	Jul 26 2017	06:51:22.0	6.72	-73.15	143	1.6	0.4	157	10	JORDAN (SANTANDER)
1099	Jul 26 2017	07:14:45.6	3.91	-76.34	109	1.2	0.4	162	9	BUGA (VALLE)
1100	Jul 26 2017	08:35:16.4	6.80	-73.14	139	1.7	0.5	184	23	LOS SANTOS (SANTANDER)
1101	Jul 26 2017	08:38: 9.5	6.75	-73.16	150	1.3	0.4	207	11	LOS SANTOS (SANTANDER)
1102	Jul 26 2017	09:52:10.3	6.69	-73.19	142	1.3	0.4	199	9	VILLANUEVA (SANTANDER)
1103	Jul 26 2017	10:07:27.0	2.12	-75.52	11	1.2	0.3	176	9	GARZON (HUILA)
1104	Jul 26 2017	10:15:19.5	6.79	-73.17	145	1.6	0.5	211	14	LOS SANTOS (SANTANDER)
1105	Jul 26 2017	10:32:24.0	6.84	-73.13	141	1.5	0.5	222	9	LOS SANTOS (SANTANDER)
1106	Jul 26 2017	10:48:46.6	10.81	-73.20	15	1.5	0.2	130	7	LA PAZ (CESAR)
1107	Jul 26 2017	11:58:30.6	6.76	-73.17	146	1.5	0.4	207	9	LOS SANTOS (SANTANDER)
1108	Jul 26 2017	11:58:59.8	7.66	-74.69	49	2.0	0.5	204	8	EL BAGRE (ANTIOQUIA)
1109	Jul 26 2017	12:59:35.4	6.67	-73.21	155	1.3	0.3	208	8	VILLANUEVA (SANTANDER)
1110	Jul 26 2017	13:40:51.0	3.36	-76.92	90	1.5	0.2	207	7	DAGUA (VALLE)
1111	Jul 26 2017	14:39:30.0	6.84	-73.15	150	4.1	0.6	64	88	LOS SANTOS (SANTANDER)
1112	Jul 26 2017	15:06: 2.7	2.28	-75.50	13	1.6	0.5	90	14	GIGANTE (HUILA)
1113	Jul 26 2017	16:06:36.4	6.80	-73.13	150	2.7	0.5	102	42	LOS SANTOS (SANTANDER)
1114	Jul 26 2017	16:14:14.3	2.42	-75.41	15	2.0	0.6	95	17	GIGANTE (HUILA)
1115	Jul 26 2017	17:01: 3.4	5.28	-74.70	23	1.2	0.4	176	9	HONDA (TOLIMA)
1116	Jul 26 2017	21:14:34.9	6.79	-73.42	120	1.7	0.2	173	8	SAN VICENTE DE CHUCURI (SANTANDER)
1117	Jul 26 2017	21:21:39.9	6.75	-73.18	147	1.6	0.2	230	10	LOS SANTOS (SANTANDER)
1118	Jul 26 2017	21:28:57.6	6.75	-73.12	140	1.9	0.4	142	18	LOS SANTOS (SANTANDER)
1119	Jul 26 2017	21:50: 4.7	6.91	-74.75	30	1.4	0.3	150	9	REMEDIOS (ANTIOQUIA)
1120	Jul 26 2017	22:31: 1.5	5.85	-74.86	Sup	1.6	0.7	77	20	PUERTO TRIUNFO (ANTIOQUIA)
1121	Jul 26 2017	22:43:14.2	6.75	-73.13	139	1.4	0.3	140	12	LOS SANTOS (SANTANDER)
1122	Jul 26 2017	22:44:46.1	6.56	-73.51	116	1.8	0.4	66	20	EL CARMEN (SANTANDER)
1123	Jul 27 2017	00:29:36.7	5.27	-73.74	151	2.1	0.6	54	37	CUCUNUBA (CUNDINAMARCA)
1124	Jul 27 2017	00:37: 9.1	3.76	-76.93	11	2.6	0.7	63	58	BUENAVENTURA (VALLE)
1125	Jul 27 2017	00:49:59.7	6.79	-73.08	141	1.5	0.5	117	23	LOS SANTOS (SANTANDER)
1126	Jul 27 2017	01:10:15.6	6.75	-73.11	143	1.2	0.4	142	9	LOS SANTOS (SANTANDER)
1127	Jul 27 2017	01:15:43.0	6.78	-73.11	144	1.7	0.4	115	20	LOS SANTOS (SANTANDER)
1128	Jul 27 2017	01:29:57.0	6.80	-73.11	152	1.4	0.5	122	15	LOS SANTOS (SANTANDER)
1129	Jul 27 2017	01:56:59.1	4.79	-76.17	100	1.2	0.3	80	15	EL CAIRO (VALLE)
1130	Jul 27 2017	02:14:48.9	7.12	-76.29	Sup	1.4	0.6	243	15	DABEIBA (ANTIOQUIA)
1131	Jul 27 2017	02:19:48.1	7.38	-73.02	159	1.9	0.5	137	26	SURATA (SANTANDER)
1132	Jul 27 2017	02:42:34.6	6.81	-73.14	147	1.5	0.4	111	18	LOS SANTOS (SANTANDER)
1133	Jul 27 2017	02:56:10.2	10.20	-73.67	68	1.6	0.4	169	12	PUEBLO BELLO (CESAR)
1134	Jul 27 2017	03:02:33.0	0.35	-74.13	32	1.8	0.3	223	9	PUERTO LEGUIZAMO (PUTUMAYO)
1135	Jul 27 2017	03:18:44.0	3.78	-76.91	Sup	1.2	0.5	129	10	BUENAVENTURA (VALLE)
1136	Jul 27 2017	03:48:33.6	6.80	-73.12	144	1.3	0.3	214	14	LOS SANTOS (SANTANDER)
1137	Jul 27 2017	03:49:36.6	5.71	-76.87	Sup	1.6	0.5	170	9	QUIBDO (CHOCO)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1138	Jul 27 2017	03:57:28.4	6.86	-73.14	143	2.5	0.6	65	47	LOS SANTOS (SANTANDER)
1139	Jul 27 2017	04:12:50.3	6.82	-73.09	149	1.4	0.4	244	12	LOS SANTOS (SANTANDER)
1140	Jul 27 2017	04:47:18.7	6.80	-73.11	149	1.2	0.3	241	10	LOS SANTOS (SANTANDER)
1141	Jul 27 2017	04:56:13.6	5.27	-73.72	150	2.7	0.6	59	52	LENGUAZAQUE (CUNDINAMARCA)
1142	Jul 27 2017	05:01:47.1	6.68	-73.51	120	1.3	0.4	132	15	EL CARMEN (SANTANDER)
1143	Jul 27 2017	05:10:52.8	4.42	-76.26	123	1.4	0.5	109	17	EL DOVIO (VALLE)
1144	Jul 27 2017	05:57:32.8	2.87	-78.05	Sup	1.4	0.6	161	11	O. PACIFICO SUR
1145	Jul 27 2017	06:33:17.9	4.45	-76.24	108	1.6	0.5	107	25	EL DOVIO (VALLE)
1146	Jul 27 2017	06:44:57.0	6.71	-73.37	128	1.2	0.2	162	8	GALAN (SANTANDER)
1147	Jul 27 2017	06:51:50.6	6.81	-73.07	145	1.4	0.7	145	13	LOS SANTOS (SANTANDER)
1148	Jul 27 2017	07:50:17.3	5.89	-73.75	109	0.7	0.1	142	11	JESUS MARIA (SANTANDER)
1149	Jul 27 2017	07:59:41.4	3.25	-74.52	Sup	1.9	0.6	66	38	URIBE (META)
1150	Jul 27 2017	08:01:41.8	5.97	-72.46	Sup	1.3	0.6	114	17	SOCOTA (BOYACA)
1151	Jul 27 2017	08:36:40.8	6.78	-73.11	148	1.2	0.4	221	14	LOS SANTOS (SANTANDER)
1152	Jul 27 2017	08:50:20.1	6.80	-73.14	138	1.4	0.4	112	12	LOS SANTOS (SANTANDER)
1153	Jul 27 2017	08:51:57.6	6.78	-73.15	137	1.0	0.4	236	10	LOS SANTOS (SANTANDER)
1154	Jul 27 2017	08:55:36.3	6.51	-73.49	112	1.2	0.5	97	18	SIMACOTA (SANTANDER)
1155	Jul 27 2017	09:04:14.9	6.70	-73.51	108	0.7	0.3	152	8	EL CARMEN (SANTANDER)
1156	Jul 27 2017	09:25: 4.7	5.28	-73.72	159	1.9	0.7	92	34	LENGUAZAQUE (CUNDINAMARCA)
1157	Jul 27 2017	09:26:50.4	7.44	-73.18	133	2.0	0.6	104	36	EL PLAYON (SANTANDER)
1158	Jul 27 2017	09:31:27.1	6.64	-73.12	133	1.0	0.4	200	10	VILLANUEVA (SANTANDER)
1159	Jul 27 2017	09:37: 3.1	3.57	-74.34	Sup	1.3	0.5	175	14	LEJANIAS (META)
1160	Jul 27 2017	10:33: 0.5	6.80	-73.10	144	1.6	0.3	142	10	LOS SANTOS (SANTANDER)
1161	Jul 27 2017	10:33:36.4	6.80	-73.05	144	1.8	0.4	148	9	LOS SANTOS (SANTANDER)
1162	Jul 27 2017	10:46: 3.2	6.82	-73.11	138	1.7	0.6	103	17	LOS SANTOS (SANTANDER)
1163	Jul 27 2017	11:25:40.4	6.78	-73.13	142	2.3	0.6	99	36	LOS SANTOS (SANTANDER)
1164	Jul 27 2017	12:38:11.1	4.77	-76.84	24	1.4	0.5	143	10	SIPI (CHOCO)
1165	Jul 27 2017	12:43: 5.1	6.82	-73.16	148	2.2	0.5	75	22	LOS SANTOS (SANTANDER)
1166	Jul 27 2017	14:45: 9.0	6.73	-73.18	143	1.3	0.4	203	8	VILLANUEVA (SANTANDER)
1167	Jul 27 2017	16:04:15.7	5.98	-76.50	57	1.9	0.4	220	14	MEDIO ATRATO (CHOCO)
1168	Jul 27 2017	16:20:21.6	4.00	-77.59	30	2.0	0.5	285	8	O. PACIFICO CENTRO
1169	Jul 27 2017	17:07:39.2	6.31	-73.56	116	1.7	0.4	86	13	SANTA HELENA DEL OPOON (SANTANDER)
1170	Jul 27 2017	17:14: 3.9	6.78	-73.15	145	2.1	0.5	136	17	LOS SANTOS (SANTANDER)
1171	Jul 27 2017	19:28:37.0	7.22	-73.27	121	1.8	0.2	253	8	RIONEGRO (SANTANDER)
1172	Jul 27 2017	21:25:55.1	2.35	-75.62	22	1.6	0.3	106	10	GIGANTE (HUILA)
1173	Jul 27 2017	21:35:30.4	5.96	-74.85	Sup	1.5	0.6	145	13	SAN LUIS (ANTIOQUIA)
1174	Jul 27 2017	22:32: 4.0	5.59	-74.35	80	2.1	0.4	103	15	YACOPI (CUNDINAMARCA)
1175	Jul 27 2017	22:48:35.3	6.74	-73.72	93	1.3	0.3	112	9	EL CARMEN (SANTANDER)
1176	Jul 27 2017	22:52:12.5	6.80	-73.07	140	1.8	0.1	249	7	LOS SANTOS (SANTANDER)
1177	Jul 27 2017	23:08:23.7	6.77	-73.15	144	1.1	0.3	234	8	LOS SANTOS (SANTANDER)
1178	Jul 27 2017	23:10:38.1	6.78	-73.15	142	2.1	0.5	112	30	LOS SANTOS (SANTANDER)
1179	Jul 27 2017	23:32:51.7	5.66	-76.61	17	1.4	0.7	253	10	QUIBDO (CHOCO)
1180	Jul 28 2017	00:45:52.2	3.35	-74.77	12	2.5	0.6	70	53	COLOMBIA (HUILA)
1181	Jul 28 2017	01:40:33.7	6.77	-73.07	150	1.3	0.4	243	11	LOS SANTOS (SANTANDER)
1182	Jul 28 2017	02:10:41.1	5.10	-74.93	11	1.2	0.5	160	15	FALAN (TOLIMA)
1183	Jul 28 2017	02:28:32.6	3.30	-76.63	68	1.8	0.7	57	29	JAMUNDI (VALLE)
1184	Jul 28 2017	02:38:23.6	6.28	-73.76	Sup	1.4	0.3	86	10	LANDAZURI (SANTANDER)
1185	Jul 28 2017	02:48: 2.2	7.02	-77.06	13	1.7	0.7	145	15	MURINDO (ANTIOQUIA)
1186	Jul 28 2017	03:43:58.8	7.08	-73.37	116	2.7	0.7	53	60	LEBRIJA (SANTANDER)
1187	Jul 28 2017	03:46:17.2	3.84	-71.46	Sup	2.5	0.5	230	25	PUERTO GAITAN (META)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1188	Jul 28 2017	04:22:17.2	3.64	-76.71	68	1.7	0.4	127	24	DAGUA (VALLE)
1189	Jul 28 2017	04:46:34.5	6.64	-73.16	150	1.1	0.4	141	8	VILLANUEVA (SANTANDER)
1190	Jul 28 2017	05:16:50.7	8.68	-73.50	26	1.4	0.3	225	11	PELAYA (CESAR)
1191	Jul 28 2017	05:29:37.2	6.83	-73.11	140	1.8	0.5	68	33	LOS SANTOS (SANTANDER)
1192	Jul 28 2017	06:27:54.3	6.72	-73.10	141	1.1	0.2	177	12	JORDAN (SANTANDER)
1193	Jul 28 2017	06:47: 3.4	6.54	-73.52	110	1.2	0.3	130	9	EL CARMEN (SANTANDER)
1194	Jul 28 2017	07:04: 6.5	6.80	-73.13	146	1.5	0.4	112	24	LOS SANTOS (SANTANDER)
1195	Jul 28 2017	07:20:49.4	11.24	-73.75	Sup	2.1	0.7	175	25	PUEBLO BELLO (CESAR)
1196	Jul 28 2017	07:32:19.4	6.74	-73.09	138	1.3	0.3	145	15	LOS SANTOS (SANTANDER)
1197	Jul 28 2017	07:48:54.1	6.79	-73.14	139	2.2	0.5	66	43	LOS SANTOS (SANTANDER)
1198	Jul 28 2017	08:03:48.5	6.71	-73.12	146	1.0	0.2	261	8	JORDAN (SANTANDER)
1199	Jul 28 2017	08:28: 2.7	6.76	-73.16	156	1.2	0.3	233	10	LOS SANTOS (SANTANDER)
1200	Jul 28 2017	08:47:21.4	6.76	-73.12	143	1.3	0.4	123	15	LOS SANTOS (SANTANDER)
1201	Jul 28 2017	08:53:23.2	7.10	-73.80	95	0.8	0.2	155	7	BARRANCABERMEJA (SANTANDER)
1202	Jul 28 2017	08:55:41.8	6.78	-73.12	146	1.3	0.5	122	18	LOS SANTOS (SANTANDER)
1203	Jul 28 2017	09:17:11.3	7.63	-73.08	149	1.1	0.3	222	10	CACHIRA (N.SANTANDER)
1204	Jul 28 2017	09:27:53.3	6.81	-73.10	149	1.2	0.3	263	9	LOS SANTOS (SANTANDER)
1205	Jul 28 2017	09:49:34.9	6.77	-73.12	143	1.7	0.5	122	20	LOS SANTOS (SANTANDER)
1206	Jul 28 2017	09:59: 8.9	3.07	-74.69	Sup	1.6	0.4	154	12	COLOMBIA (HUILA)
1207	Jul 28 2017	10:20:55.4	6.82	-73.13	144	2.0	0.7	104	26	LOS SANTOS (SANTANDER)
1208	Jul 28 2017	10:24:44.7	7.32	-75.24	Sup	1.5	0.5	100	10	VALDIVIA (ANTIOQUIA)
1209	Jul 28 2017	10:27:35.7	10.99	-74.18	Sup	1.8	0.2	123	7	PIVIJAY (MAGDALENA)
1210	Jul 28 2017	10:38:44.3	6.91	-76.68	11	1.8	0.4	132	12	MURINDO (ANTIOQUIA)
1211	Jul 28 2017	10:51: 1.5	5.06	-74.46	144	1.8	0.4	262	14	VILLETA (CUNDINAMARCA)
1212	Jul 28 2017	11:08:49.2	5.88	-76.12	22	1.9	0.5	167	20	EL CARMEN (CHOCO)
1213	Jul 28 2017	12:05:14.5	6.78	-73.12	150	1.6	0.4	140	14	LOS SANTOS (SANTANDER)
1214	Jul 28 2017	12:44:10.8	5.97	-72.44	Sup	1.8	0.8	184	14	LA SALINA (CASANARE)
1215	Jul 28 2017	13:25:14.6	6.77	-73.13	145	2.2	0.5	114	24	LOS SANTOS (SANTANDER)
1216	Jul 28 2017	14:46:12.2	5.99	-74.22	Sup	1.1	0.3	141	8	LA BELLEZA (SANTANDER)
1217	Jul 28 2017	15:53:11.7	2.38	-75.37	Sup	3.1	0.7	68	40	ALGECIRAS (HUILA)
1218	Jul 28 2017	16:37:41.3	5.15	-77.81	23	2.1	0.3	302	7	O. PACIFICO CENTRO
1219	Jul 28 2017	16:47:26.5	3.80	-76.92	28	1.6	0.3	128	8	BUENAVENTURA (VALLE)
1220	Jul 28 2017	17:52:16.2	11.17	-72.73	110	2.4	0.5	145	11	MANAURE BALCON CESAR (CESAR)
1221	Jul 28 2017	18:41:53.2	4.27	-76.96	70	2.5	0.6	95	41	BUENAVENTURA (VALLE)
1222	Jul 28 2017	19:13:16.8	6.80	-73.17	147	1.9	0.4	211	15	ZAPATOCA (SANTANDER)
1223	Jul 28 2017	21:39:58.8	6.78	-73.17	148	1.9	0.5	109	20	LOS SANTOS (SANTANDER)
1224	Jul 28 2017	21:45: 8.1	6.82	-73.12	146	2.5	0.6	113	33	LOS SANTOS (SANTANDER)
1225	Jul 28 2017	23:15:48.2	6.78	-73.13	142	1.8	0.3	212	14	LOS SANTOS (SANTANDER)
1226	Jul 29 2017	00:09: 3.1	6.80	-73.12	141	1.5	0.4	139	13	LOS SANTOS (SANTANDER)
1227	Jul 29 2017	01:29:56.9	6.75	-76.34	Sup	1.5	0.5	228	16	FRONTINO (ANTIOQUIA)
1228	Jul 29 2017	02:16:31.8	4.40	-78.44	32	2.1	0.5	269	24	O. PACIFICO CENTRO
1229	Jul 29 2017	02:17:53.8	6.23	-73.70	108	1.2	0.2	174	7	LANDAZURI (SANTANDER)
1230	Jul 29 2017	02:36:21.3	5.98	-72.42	Sup	1.8	0.6	116	25	LA SALINA (CASANARE)
1231	Jul 29 2017	03:04:12.0	6.80	-73.12	140	1.3	0.4	114	14	LOS SANTOS (SANTANDER)
1232	Jul 29 2017	03:21:38.7	5.69	-73.95	108	1.5	0.6	42	30	BRICENO (BOYACA)
1233	Jul 29 2017	03:44: 6.6	6.79	-73.11	152	1.5	0.4	215	14	LOS SANTOS (SANTANDER)
1234	Jul 29 2017	03:45:24.5	6.76	-73.13	144	1.4	0.3	236	10	LOS SANTOS (SANTANDER)
1235	Jul 29 2017	04:03:53.4	6.72	-73.10	144	1.3	0.3	217	11	JORDAN (SANTANDER)
1236	Jul 29 2017	04:29:47.0	3.77	-71.59	Sup	1.9	0.7	296	14	PUERTO GAITAN (META)
1237	Jul 29 2017	05:21:50.1	4.95	-75.75	Sup	0.8	0.2	156	8	MARSELLA (RISARALDA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1238	Jul 29 2017	05:34:18.2	6.81	-73.06	151	1.2	0.2	226	11	LOS SANTOS (SANTANDER)
1239	Jul 29 2017	05:44: 3.0	6.84	-73.11	146	2.1	0.6	74	43	LOS SANTOS (SANTANDER)
<u>1240</u>	<u>Jul 29 2017</u>	<u>05:46:12.3</u>	<u>1.25</u>	<u>-76.94</u>	<u>Sup</u>	<u>2.6</u>	<u>0.7</u>	<u>93</u>	<u>42</u>	<u>SIBUNDOY (PUTUMAYO)</u>
1241	Jul 29 2017	06:04:20.8	6.78	-73.13	141	1.3	0.4	212	16	LOS SANTOS (SANTANDER)
1242	Jul 29 2017	06:05:55.3	6.73	-73.12	145	1.5	0.3	235	15	LOS SANTOS (SANTANDER)
1243	Jul 29 2017	06:11:58.3	6.82	-73.16	153	1.2	0.4	238	9	LOS SANTOS (SANTANDER)
<u>1244</u>	<u>Jul 29 2017</u>	<u>06:14:30.9</u>	<u>1.24</u>	<u>-76.94</u>	<u>Sup</u>	<u>2.4</u>	<u>0.7</u>	<u>93</u>	<u>42</u>	<u>SIBUNDOY (PUTUMAYO)</u>
1245	Jul 29 2017	06:20:22.2	1.24	-76.94	Sup	1.9	0.6	141	28	SIBUNDOY (PUTUMAYO)
1246	Jul 29 2017	06:38:32.1	6.30	-75.78	37	1.5	0.4	121	16	EBEJICO (ANTIOQUIA)
1247	Jul 29 2017	07:02:19.0	7.33	-75.26	11	1.4	0.5	102	18	VALDIVIA (ANTIOQUIA)
1248	Jul 29 2017	07:31: 6.9	5.23	-73.75	145	1.1	0.5	163	12	CUCUNUBA (CUNDINAMARCA)
1249	Jul 29 2017	07:50:27.6	6.08	-74.22	Sup	1.6	0.7	61	25	LA BELLEZA (SANTANDER)
1250	Jul 29 2017	08:02:11.1	6.80	-73.10	142	2.0	0.5	68	41	LOS SANTOS (SANTANDER)
1251	Jul 29 2017	08:22:24.4	6.79	-73.13	152	1.9	0.4	100	25	LOS SANTOS (SANTANDER)
1252	Jul 29 2017	08:43:51.2	6.80	-73.05	141	1.1	0.3	247	8	LOS SANTOS (SANTANDER)
1253	Jul 29 2017	10:17:36.7	6.85	-72.97	139	1.3	0.2	258	8	CEPITA (SANTANDER)
1254	Jul 29 2017	10:21: 9.7	5.58	-73.87	135	1.2	0.1	220	7	CALDAS (BOYACA)
1255	Jul 29 2017	11:03:54.2	6.88	-73.32	122	2.6	0.7	85	41	BETULIA (SANTANDER)
1256	Jul 29 2017	11:33: 8.0	6.75	-73.10	148	1.3	0.3	239	10	LOS SANTOS (SANTANDER)
1257	Jul 29 2017	15:44:37.7	6.80	-73.14	142	2.5	0.5	102	32	LOS SANTOS (SANTANDER)
1258	Jul 29 2017	16:07:59.6	6.77	-73.14	145	2.1	0.5	98	23	LOS SANTOS (SANTANDER)
1259	Jul 29 2017	16:29:38.5	2.36	-75.38	9	2.1	0.7	101	16	GIGANTE (HUILA)
1260	Jul 29 2017	16:53:23.5	6.77	-73.14	142	1.9	0.7	113	16	LOS SANTOS (SANTANDER)
1261	Jul 29 2017	18:06: 0.8	6.83	-73.13	144	2.4	0.6	74	31	LOS SANTOS (SANTANDER)
1262	Jul 29 2017	19:06:35.5	2.88	-75.69	Sup	1.4	0.1	112	10	SANTA MARIA (HUILA)
1263	Jul 29 2017	19:48:31.4	6.55	-74.13	64	1.4	0.4	75	14	PUERTO PARRA (SANTANDER)
1264	Jul 29 2017	21:09: 4.1	6.76	-73.10	141	2.1	0.3	143	21	LOS SANTOS (SANTANDER)
1265	Jul 30 2017	00:22:37.4	6.36	-73.53	107	1.7	0.6	107	14	SANTA HELENA DEL OPO (SANTANDER)
1266	Jul 30 2017	00:41:18.0	2.53	-75.53	Sup	2.6	0.4	125	33	HOBO (HUILA)
1267	Jul 30 2017	01:26:36.0	6.81	-73.14	145	1.5	0.5	136	14	LOS SANTOS (SANTANDER)
1268	Jul 30 2017	01:35: 9.9	6.80	-73.13	146	1.5	0.5	214	15	LOS SANTOS (SANTANDER)
1269	Jul 30 2017	01:36:36.1	6.74	-73.14	152	1.4	0.5	233	9	LOS SANTOS (SANTANDER)
1270	Jul 30 2017	02:16:36.2	6.80	-73.15	142	1.9	0.3	102	25	LOS SANTOS (SANTANDER)
1271	Jul 30 2017	02:21:56.3	6.79	-73.14	147	1.0	0.4	237	9	LOS SANTOS (SANTANDER)
1272	Jul 30 2017	02:51: 2.3	6.73	-73.06	151	1.5	0.5	220	16	JORDAN (SANTANDER)
1273	Jul 30 2017	04:14:53.8	6.80	-73.14	146	2.2	0.5	101	40	LOS SANTOS (SANTANDER)
1274	Jul 30 2017	04:19:53.0	2.41	-75.41	20	1.1	0.6	96	13	GIGANTE (HUILA)
1275	Jul 30 2017	04:42:32.5	1.23	-76.93	Sup	2.2	0.7	143	20	SIBUNDOY (PUTUMAYO)
1276	Jul 30 2017	05:35: 7.5	6.77	-73.10	147	1.2	0.3	240	9	LOS SANTOS (SANTANDER)
1277	Jul 30 2017	05:39:30.4	3.86	-77.17	58	1.1	0.6	132	12	BUENAVENTURA (VALLE)
<u>1278</u>	<u>Jul 30 2017</u>	<u>05:40:40.3</u>	<u>4.83</u>	<u>-75.33</u>	<u>Sup</u>	<u>4.7</u>	<u>0.1</u>	<u>117</u>	<u>98</u>	<u>VOLCAN PARAMILLO DEL CISNE</u>
<u>1279</u>	<u>Jul 30 2017</u>	<u>05:57: 5.7</u>	<u>4.83</u>	<u>-75.34</u>	<u>Sup</u>	<u>4.6</u>	<u>0.1</u>	<u>118</u>	<u>91</u>	<u>VOLCAN PARAMILLO DEL CISNE</u>
1280	Jul 30 2017	06:37:30.3	6.75	-73.17	152	1.3	0.4	239	8	LOS SANTOS (SANTANDER)
1281	Jul 30 2017	06:44:23.6	6.82	-73.13	145	1.7	0.6	105	13	LOS SANTOS (SANTANDER)
1282	Jul 30 2017	06:52:57.4	6.76	-73.11	146	1.2	0.4	238	10	LOS SANTOS (SANTANDER)
1283	Jul 30 2017	07:36:18.2	4.87	-76.14	111	0.8	0.2	127	7	EL AGUILA (VALLE)
1284	Jul 30 2017	08:06:50.5	6.76	-73.13	143	1.3	0.4	139	10	LOS SANTOS (SANTANDER)
1285	Jul 30 2017	08:20:11.7	5.90	-77.71	29	1.9	0.9	158	37	O. PACIFICO NORTE
1286	Jul 30 2017	08:56:46.5	5.05	-72.91	Sup	1.4	0.7	111	19	PAEZ (BOYACA)
1287	Jul 30 2017	09:17:50.9	6.79	-73.12	143	1.6	0.5	114	25	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1288	Jul 30 2017	09:30:22.7	6.98	-76.39	Sup	1.6	0.7	232	20	DABEIBA (ANTIOQUIA)
1289	Jul 30 2017	10:03:10.0	10.40	-72.83	111	1.2	0.2	274	8	FRONTERA CON VENEZUELA
1290	Jul 30 2017	10:24:26.3	6.82	-73.17	142	1.3	0.3	213	10	ZAPATOCA (SANTANDER)
1291	Jul 30 2017	10:38:55.7	6.78	-73.77	16	1.3	0.5	96	16	YONDO (ANTIOQUIA)
1292	Jul 30 2017	11:11: 0.1	6.80	-73.15	145	1.5	0.4	111	15	LOS SANTOS (SANTANDER)
1293	Jul 30 2017	11:36:27.7	6.80	-73.16	143	1.4	0.4	134	13	LOS SANTOS (SANTANDER)
1294	Jul 30 2017	11:50:23.8	6.77	-73.10	142	1.8	0.3	97	25	LOS SANTOS (SANTANDER)
1295	Jul 30 2017	11:50:23.9	6.77	-73.11	141	1.8	0.4	97	25	LOS SANTOS (SANTANDER)
1296	Jul 30 2017	12:07:34.1	6.37	-73.66	103	1.1	0.3	80	10	SANTA HELENA DEL OPO (SANTANDER)
1297	Jul 30 2017	12:25: 8.3	6.78	-73.18	145	1.4	0.4	232	11	ZAPATOCA (SANTANDER)
1298	Jul 30 2017	12:35:24.3	6.66	-73.25	148	1.0	0.3	98	10	BARICHARA (SANTANDER)
1299	Jul 30 2017	12:58:16.2	6.72	-73.17	150	1.5	0.3	228	8	VILLANUEVA (SANTANDER)
1300	Jul 30 2017	13:06: 4.1	4.83	-75.34	31	1.2	0.1	125	10	MURILLO (TOLIMA)
1301	Jul 30 2017	13:58: 7.6	6.85	-73.03	148	1.7	0.5	230	15	LOS SANTOS (SANTANDER)
1302	Jul 30 2017	14:30: 8.6	6.85	-73.07	142	1.5	0.5	144	16	LOS SANTOS (SANTANDER)
1303	Jul 30 2017	14:34:41.4	6.83	-73.03	142	1.4	0.2	251	9	CEPITA (SANTANDER)
1304	Jul 30 2017	14:40:34.0	6.48	-76.79	9	2.1	0.6	133	22	VIGIA DEL FUERTE (ANTIOQUIA)
1305	Jul 30 2017	14:56:28.2	7.71	-74.61	36	1.1	0.2	212	8	EL BAGRE (ANTIOQUIA)
1306	Jul 30 2017	15:18:41.1	6.14	-73.68	110	1.3	0.4	131	8	CHIPATA (SANTANDER)
1307	Jul 30 2017	15:24:42.4	6.77	-73.13	144	1.6	0.4	219	16	LOS SANTOS (SANTANDER)
1308	Jul 30 2017	15:41:38.6	6.81	-73.13	143	2.0	0.5	102	25	LOS SANTOS (SANTANDER)
1309	Jul 30 2017	15:43: 3.3	6.93	-77.12	Sup	2.0	0.6	153	20	MURINDO (ANTIOQUIA)
1310	Jul 30 2017	16:04:13.7	3.61	-75.74	Sup	1.4	0.1	118	8	RIOBLANCO (TOLIMA)
1311	Jul 30 2017	16:19:21.7	6.81	-76.14	Sup	1.9	0.5	170	17	FRONTINO (ANTIOQUIA)
1312	Jul 30 2017	17:21:21.1	6.80	-73.14	145	2.5	0.6	73	47	LOS SANTOS (SANTANDER)
1313	Jul 30 2017	18:08:45.9	5.28	-77.72	26	1.8	0.4	238	19	O. PACIFICO CENTRO
1314	Jul 30 2017	18:10:19.8	7.26	-75.61	Sup	1.4	0.3	122	12	BRICENO (ANTIOQUIA)
1315	Jul 30 2017	18:53:37.3	7.35	-72.10	11	1.6	0.4	252	12	FRONTERA CON VENEZUELA
1316	Jul 30 2017	19:52:24.1	6.75	-73.21	149	1.4	0.4	225	8	ZAPATOCA (SANTANDER)
1317	Jul 30 2017	20:18:24.1	6.81	-73.12	142	1.7	0.4	241	14	LOS SANTOS (SANTANDER)
1318	Jul 30 2017	20:44: 7.4	6.79	-73.18	132	1.4	0.4	233	10	ZAPATOCA (SANTANDER)
1319	Jul 30 2017	21:08:24.5	7.36	-73.21	116	1.2	0.3	260	8	EL PLAYON (SANTANDER)
1320	Jul 30 2017	21:46:48.3	6.78	-73.15	125	1.6	0.4	236	16	LOS SANTOS (SANTANDER)
1321	Jul 31 2017	00:04: 4.4	6.83	-73.47	113	1.1	0.2	170	9	SAN VICENTE DE CHUCURI (SANTANDER)
1322	Jul 31 2017	01:11:16.7	6.73	-73.14	142	1.5	0.4	139	13	LOS SANTOS (SANTANDER)
1323	Jul 31 2017	01:17: 7.6	6.55	-73.51	109	1.9	0.7	66	35	EL CARMEN (SANTANDER)
1324	Jul 31 2017	01:53:15.9	6.06	-73.60	114	1.4	0.4	226	13	CHIPATA (SANTANDER)
1325	Jul 31 2017	03:16:21.4	5.96	-73.78	111	2.0	0.7	41	36	BOLIVAR (SANTANDER)
1326	Jul 31 2017	03:22: 0.6	7.40	-76.18	7	0.9	0.7	262	8	MUTATA (ANTIOQUIA)
1327	Jul 31 2017	04:26:47.7	6.80	-73.15	147	1.5	0.4	135	17	LOS SANTOS (SANTANDER)
1328	Jul 31 2017	05:37:41.5	4.76	-74.67	8	1.1	0.3	93	17	BELTRAN (CUNDINAMARCA)
1329	Jul 31 2017	05:53: 8.3	1.97	-76.00	Sup	0.7	0.7	134	12	SALADOBLANCO (HUILA)
1330	Jul 31 2017	06:18:53.5	6.75	-72.16	Sup	1.3	0.5	172	15	CUBARA (BOYACA)
1331	Jul 31 2017	07:18:16.6	6.74	-73.12	148	1.1	0.5	141	15	LOS SANTOS (SANTANDER)
1332	Jul 31 2017	07:27:25.4	6.75	-73.10	149	1.6	0.6	125	22	LOS SANTOS (SANTANDER)
1333	Jul 31 2017	07:50:37.2	6.64	-72.94	Sup	2.1	0.7	81	30	ARATOCA (SANTANDER)
1334	Jul 31 2017	08:02:44.8	4.87	-75.44	Sup	1.4	0.4	104	20	SANTA ROSA DE CABAL (RISARALDA)
1335	Jul 31 2017	08:08:44.6	3.24	-78.28	30	2.0	0.7	257	16	O. PACIFICO SUR
1336	Jul 31 2017	09:40:36.3	6.67	-73.21	138	1.0	0.4	224	8	VILLANUEVA (SANTANDER)
1337	Jul 31 2017	10:09:30.2	5.18	-72.97	Sup	1.3	0.6	95	16	SAN EDUARDO (BOYACA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1338	Jul 31 2017	10:43:34.5	6.86	-73.13	148	2.6	0.8	65	40	LOS SANTOS (SANTANDER)
1339	Jul 31 2017	10:45:25.5	10.85	-74.15	Sup	1.7	0.2	155	7	PIVIJAY (MAGDALENA)
1340	Jul 31 2017	10:53: 0.7	3.54	-74.22	Sup	1.7	0.7	92	12	LEJANIAS (META)
1341	Jul 31 2017	11:26:20.8	1.62	-76.11	18	1.7	0.2	172	12	PALESTINA (HUILA)
1342	Jul 31 2017	11:38:26.6	6.76	-73.17	140	1.6	0.4	231	8	LOS SANTOS (SANTANDER)
1343	Jul 31 2017	11:42:58.1	6.71	-73.18	145	1.1	0.2	238	7	VILLANUEVA (SANTANDER)
1344	Jul 31 2017	11:45: 3.2	6.78	-73.37	117	1.4	0.5	198	8	SAN VICENTE DE CHUCURI (SANTANDER)
1345	Jul 31 2017	11:56:58.1	6.71	-73.18	148	1.2	0.2	226	8	VILLANUEVA (SANTANDER)
1346	Jul 31 2017	12:04:21.3	6.78	-73.09	144	1.4	0.3	242	8	LOS SANTOS (SANTANDER)
1347	Jul 31 2017	13:01:18.8	4.50	-73.87	Sup	1.2	0.6	132	11	FOMEQUE (CUNDINAMARCA)
1348	Jul 31 2017	13:49:50.6	6.83	-73.14	150	2.3	0.6	65	36	LOS SANTOS (SANTANDER)
1349	Jul 31 2017	14:14:26.6	6.88	-73.44	116	1.0	0.5	188	10	SAN VICENTE DE CHUCURI (SANTANDER)
1350	Jul 31 2017	14:30:16.6	6.74	-73.19	148	1.2	0.4	227	8	VILLANUEVA (SANTANDER)
1351	Jul 31 2017	15:16:15.9	6.73	-73.21	147	1.1	0.3	222	8	VILLANUEVA (SANTANDER)
1352	Jul 31 2017	15:50:15.3	2.43	-75.25	12	1.5	0.3	189	10	ALGECIRAS (HUILA)
1353	Jul 31 2017	16:25:19.1	7.28	-75.30	7	1.6	0.5	91	10	VALDIVIA (ANTIOQUIA)
1354	Jul 31 2017	16:26: 8.6	6.78	-73.14	138	1.7	0.4	137	11	LOS SANTOS (SANTANDER)
1355	Jul 31 2017	16:55:15.7	4.87	-75.31	Sup	1.6	0.5	133	9	MURILLO (TOLIMA)
1356	Jul 31 2017	17:29:11.4	7.29	-75.46	9	1.6	0.5	102	12	VALDIVIA (ANTIOQUIA)
1357	Jul 31 2017	18:24:54.8	5.27	-73.72	146	2.3	0.5	94	25	LENGUAZAQUE (CUNDINAMARCA)
1358	Jul 31 2017	19:15: 3.9	6.76	-73.16	146	1.8	0.4	136	11	LOS SANTOS (SANTANDER)
1359	Jul 31 2017	19:52:56.8	10.48	-73.40	Sup	1.6	0.5	121	10	PUEBLO BELLO (CESAR)
1360	Jul 31 2017	20:32:41.8	7.19	-74.06	69	1.4	0.4	153	11	PUERTO WILCHES (SANTANDER)
1361	Jul 31 2017	22:27:49.2	6.80	-73.13	148	1.2	0.4	138	10	LOS SANTOS (SANTANDER)
1362	Jul 31 2017	23:36:35.6	6.55	-73.52	108	1.2	0.2	103	11	EL CARMEN (SANTANDER)
1363	Ago 1 2017	00:23:21.1	6.79	-73.12	145	1.4	0.4	140	14	LOS SANTOS (SANTANDER)
1364	Ago 1 2017	00:45:12.4	4.73	-74.56	Sup	1.0	0.4	217	7	QUIPILE (CUNDINAMARCA)
1365	Ago 1 2017	01:21:44.2	5.98	-77.30	Sup	1.7	0.7	200	16	BAHIA SOLANO (CHOCO)
1366	Ago 1 2017	02:42:14.5	6.74	-73.10	146	1.4	0.5	144	16	LOS SANTOS (SANTANDER)
1367	Ago 1 2017	03:26:11.0	3.81	-71.43	Sup	1.6	0.5	254	14	PUERTO GAITAN (META)
1368	Ago 1 2017	03:55:45.6	6.75	-73.11	146	1.7	0.6	124	26	LOS SANTOS (SANTANDER)
1369	Ago 1 2017	04:57:45.5	4.42	-76.21	Sup	1.0	0.5	155	12	ROLDANILLO (VALLE)
1370	Ago 1 2017	05:15:30.9	6.81	-73.20	147	0.9	0.4	275	8	ZAPATOCA (SANTANDER)
1371	Ago 1 2017	05:26:43.6	5.92	-76.46	Sup	1.3	0.5	203	12	QUIBDO (CHOCO)
1372	Ago 1 2017	05:47:12.7	1.90	-76.04	Sup	0.4	0.3	168	8	PITALITO (HUILA)
1373	Ago 1 2017	05:49:39.6	5.98	-76.66	Sup	1.7	0.5	213	18	MEDIO ATRATO (CHOCO)
1374	Ago 1 2017	05:51:57.7	6.79	-73.14	147	1.9	0.4	112	27	LOS SANTOS (SANTANDER)
1375	Ago 1 2017	06:40:45.2	6.76	-73.14	145	1.3	0.5	113	19	LOS SANTOS (SANTANDER)
1376	Ago 1 2017	06:44:12.6	4.72	-76.13	94	1.1	0.2	125	12	ARGELIA (VALLE)
1377	Ago 1 2017	06:47:49.4	3.55	-74.19	Sup	2.1	0.7	94	42	LEJANIAS (META)
1378	Ago 1 2017	07:19:21.0	6.69	-73.17	154	0.8	0.2	226	8	VILLANUEVA (SANTANDER)
1379	Ago 1 2017	07:54:45.7	6.79	-73.12	147	1.9	0.7	100	28	LOS SANTOS (SANTANDER)
1380	Ago 1 2017	08:35:36.9	6.78	-73.12	140	1.8	0.7	114	30	LOS SANTOS (SANTANDER)
1381	Ago 1 2017	08:46: 2.7	6.78	-73.16	140	0.8	0.4	135	10	LOS SANTOS (SANTANDER)
1382	Ago 1 2017	08:53:21.6	6.79	-73.14	146	1.1	0.3	237	9	LOS SANTOS (SANTANDER)
1383	Ago 1 2017	09:29: 2.9	4.65	-76.94	Sup	1.5	0.7	186	20	SIPI (CHOCO)
1384	Ago 1 2017	09:30:15.8	4.66	-76.95	28	1.5	0.7	188	18	SIPI (CHOCO)
1385	Ago 1 2017	09:47:40.3	3.99	-76.81	15	1.3	0.6	180	14	BUENAVENTURA (VALLE)
1386	Ago 1 2017	10:19:17.5	4.39	-76.29	123	1.7	0.4	112	16	EL DOVIO (VALLE)
1387	Ago 1 2017	10:52:54.1	6.79	-73.09	141	1.3	0.4	168	12	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1388	Ago 1 2017	11:58:58.6	6.73	-73.07	146	1.8	0.4	149	16	JORDAN (SANTANDER)
1389	Ago 1 2017	12:22:44.7	6.76	-73.13	138	2.1	0.6	114	27	LOS SANTOS (SANTANDER)
1390	Ago 1 2017	13:03:43.6	8.18	-75.15	10	1.6	0.5	294	8	AYAPEL (CORDOBA)
1391	Ago 1 2017	14:44:36.0	2.21	-75.66	10	1.5	0.5	99	12	GARZON (HUILA)
1392	Ago 1 2017	14:56:10.0	6.91	-72.96	139	1.8	0.5	259	14	SANTA BARBARA (SANTANDER)
1393	Ago 1 2017	15:14:20.2	6.80	-73.16	145	1.5	0.2	243	8	LOS SANTOS (SANTANDER)
1394	Ago 1 2017	15:16:44.4	6.66	-73.07	138	1.3	0.4	246	8	CURITI (SANTANDER)
1395	Ago 1 2017	16:26:21.6	2.64	-78.28	6	1.8	0.5	232	14	O. PACIFICO SUR
1396	Ago 1 2017	17:57:48.2	6.77	-73.14	140	1.6	0.4	138	12	LOS SANTOS (SANTANDER)
1397	Ago 1 2017	18:44:41.0	6.82	-73.15	140	2.9	0.6	64	48	LOS SANTOS (SANTANDER)
1398	Ago 1 2017	19:29:55.9	6.85	-73.15	142	2.1	0.5	109	23	LOS SANTOS (SANTANDER)
1399	Ago 1 2017	19:49:42.2	6.79	-73.16	144	2.0	0.3	134	18	LOS SANTOS (SANTANDER)
1400	Ago 1 2017	20:48:57.5	6.80	-73.12	144	1.7	0.4	139	15	LOS SANTOS (SANTANDER)
1401	Ago 1 2017	20:58:21.7	6.79	-73.14	148	1.7	0.4	119	15	LOS SANTOS (SANTANDER)
1402	Ago 1 2017	22:11: 6.4	6.78	-73.09	150	1.8	0.3	143	19	LOS SANTOS (SANTANDER)
1403	Ago 1 2017	23:55:27.6	3.38	-74.61	15	1.5	0.3	204	10	COLOMBIA (HUILA)
1404	Ago 2 2017	02:26:25.3	9.20	-74.02	21	2.0	0.5	95	23	EL BANCO (MAGDALENA)
1405	Ago 2 2017	02:44:55.3	6.84	-73.15	146	2.5	0.8	64	51	LOS SANTOS (SANTANDER)
1406	Ago 2 2017	03:36: 5.1	7.05	-78.02	12	1.6	0.3	284	12	O. PACIFICO NORTE
1407	Ago 2 2017	03:37:53.1	6.79	-73.12	147	1.6	0.5	114	21	LOS SANTOS (SANTANDER)
1408	Ago 2 2017	03:45:26.9	6.33	-74.02	27	1.5	0.5	86	16	CIMITARRA (SANTANDER)
1409	Ago 2 2017	03:55:39.9	6.80	-73.16	146	1.0	0.3	276	6	LOS SANTOS (SANTANDER)
1410	Ago 2 2017	04:10: 8.8	3.91	-76.26	107	1.1	0.3	99	10	BUGA (VALLE)
1411	Ago 2 2017	04:32:23.9	6.79	-73.14	147	1.6	0.5	112	20	LOS SANTOS (SANTANDER)
1412	Ago 2 2017	04:43:34.1	6.35	-73.63	116	1.0	0.3	140	8	SANTA HELENA DEL OPO (SANTANDER)
1413	Ago 2 2017	05:28:47.2	5.55	-74.09	40	0.9	0.5	100	9	MUZO (BOYACA)
1414	Ago 2 2017	05:56:18.8	6.02	-73.78	99	1.0	0.4	117	10	BOLIVAR (SANTANDER)
1415	Ago 2 2017	06:09: 1.5	6.73	-73.13	143	1.2	0.4	234	11	LOS SANTOS (SANTANDER)
1416	Ago 2 2017	06:22:15.5	6.78	-73.09	148	1.6	0.4	222	18	LOS SANTOS (SANTANDER)
1417	Ago 2 2017	08:19:22.5	6.96	-77.81	25	2.1	0.5	212	13	O. PACIFICO NORTE
1418	Ago 2 2017	08:22:21.5	6.76	-73.17	156	1.4	0.6	231	10	LOS SANTOS (SANTANDER)
1419	Ago 2 2017	08:57:47.0	6.54	-73.48	112	1.7	0.6	67	35	EL CARMEN (SANTANDER)
1420	Ago 2 2017	09:27:18.5	3.94	-76.18	120	1.6	0.5	100	17	SAN PEDRO (VALLE)
1421	Ago 2 2017	09:28:27.5	6.24	-73.19	157	1.2	0.3	159	9	CHARALA (SANTANDER)
1422	Ago 2 2017	09:30: 2.5	5.29	-73.74	149	1.5	0.5	89	19	LENGUAZAQUE (CUNDINAMARCA)
1423	Ago 2 2017	09:53: 6.8	6.69	-73.41	111	0.9	0.4	175	10	EL CARMEN (SANTANDER)
1424	Ago 2 2017	09:56:32.3	6.79	-73.13	138	1.6	0.5	113	22	LOS SANTOS (SANTANDER)
1425	Ago 2 2017	11:06:49.9	6.05	-73.59	116	1.4	0.2	148	10	GUEPSA (SANTANDER)
1426	Ago 2 2017	11:39:40.1	7.53	-73.17	128	1.7	0.6	240	16	EL PLAYON (SANTANDER)
1427	Ago 2 2017	11:55:14.7	6.77	-73.15	140	1.9	0.4	137	24	LOS SANTOS (SANTANDER)
1428	Ago 2 2017	12:20:38.6	2.98	-74.80	13	1.5	0.4	217	12	BARAYA (HUILA)
1429	Ago 2 2017	13:13:47.3	2.26	-75.58	14	1.8	0.6	77	24	GARZON (HUILA)
1430	Ago 2 2017	13:13:53.7	7.14	-76.07	30	1.5	0.5	174	14	PEQUE (ANTIOQUIA)
1431	Ago 2 2017	13:51:11.6	7.48	-73.16	130	2.6	0.7	110	45	EL PLAYON (SANTANDER)
1432	Ago 2 2017	14:11:54.3	7.31	-73.43	96	1.2	0.1	170	9	SABANA DE TORRES (SANTANDER)
1433	Ago 2 2017	14:30:24.0	5.60	-73.88	121	1.5	0.5	186	14	CALDAS (BOYACA)
1434	Ago 2 2017	16:25:50.8	10.98	-73.64	Sup	1.6	0.6	139	8	PUEBLO BELLO (CESAR)
1435	Ago 2 2017	16:48:39.3	6.77	-73.15	135	1.6	0.5	136	14	LOS SANTOS (SANTANDER)
1436	Ago 2 2017	18:08:25.4	2.34	-75.58	24	1.3	0.4	124	10	GIGANTE (HUILA)
1437	Ago 2 2017	18:48:32.9	6.73	-72.97	141	1.5	0.5	162	12	CEPITA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1438	Ago 2 2017	19:20:31.8	7.22	-73.87	25	1.8	0.6	224	14	PUERTO WILCHES (SANTANDER)
1439	Ago 2 2017	19:48:54.8	1.02	-79.48	35	3.2	0.3	189	52	FRONTERA CON ECUADOR
1440	Ago 2 2017	22:10:16.6	7.77	-72.98	Sup	1.9	0.5	155	14	CACHIRA (N.SANTANDER)
1441	Ago 2 2017	23:00:36.1	6.79	-73.13	154	1.6	0.3	121	14	LOS SANTOS (SANTANDER)
1442	Ago 2 2017	23:29:49.9	6.77	-73.10	142	1.6	0.2	143	13	LOS SANTOS (SANTANDER)
1443	Ago 3 2017	00:37:16.7	5.37	-74.01	115	1.7	0.6	70	28	SAN CAYETANO (CUNDINAMARCA)
1444	Ago 3 2017	01:05:47.0	6.78	-73.14	142	1.9	0.5	113	21	LOS SANTOS (SANTANDER)
1445	Ago 3 2017	01:10:47.7	4.32	-75.26	Sup	1.3	0.5	176	10	ROVIRA (TOLIMA)
1446	Ago 3 2017	01:51:10.3	6.94	-76.21	Sup	0.9	0.6	198	8	URAMITA (ANTIOQUIA)
1447	Ago 3 2017	01:53:11.2	7.13	-76.12	Sup	1.2	0.5	187	10	DABEIBA (ANTIOQUIA)
1448	Ago 3 2017	02:42:22.1	4.00	-76.40	134	1.2	0.2	262	8	CALIMA (VALLE)
1449	Ago 3 2017	02:49:57.7	6.69	-73.20	146	1.0	0.5	216	8	VILLANUEVA (SANTANDER)
1450	Ago 3 2017	02:54:59.2	6.80	-73.12	149	2.2	0.6	67	38	LOS SANTOS (SANTANDER)
1451	Ago 3 2017	03:19:14.7	6.71	-73.27	132	1.0	0.4	141	7	GALAN (SANTANDER)
1452	Ago 3 2017	03:43:25.1	6.76	-73.14	136	1.5	0.3	138	20	LOS SANTOS (SANTANDER)
1453	Ago 3 2017	05:21:57.6	6.81	-73.04	149	1.7	0.5	227	28	LOS SANTOS (SANTANDER)
1454	Ago 3 2017	05:30:57.1	6.69	-73.18	143	1.3	0.3	224	8	VILLANUEVA (SANTANDER)
1455	Ago 3 2017	05:34:52.0	5.15	-77.73	30	1.4	0.1	299	8	O. PACIFICO CENTRO
1456	Ago 3 2017	05:35:26.5	6.79	-73.16	144	1.2	0.4	235	10	LOS SANTOS (SANTANDER)
1457	Ago 3 2017	05:47:11.2	6.71	-73.20	137	1.0	0.4	222	11	VILLANUEVA (SANTANDER)
1458	Ago 3 2017	05:57:32.0	6.76	-73.13	144	1.3	0.4	140	13	LOS SANTOS (SANTANDER)
1459	Ago 3 2017	06:00:35.3	5.64	-73.96	108	1.3	0.4	191	10	PAUNA (BOYACA)
1460	Ago 3 2017	06:11:32.9	6.76	-73.17	123	0.7	0.4	274	8	LOS SANTOS (SANTANDER)
1461	Ago 3 2017	06:15:20.9	6.80	-73.11	141	1.0	0.4	140	13	LOS SANTOS (SANTANDER)
1462	Ago 3 2017	06:46:29.1	5.67	-76.88	Sup	1.5	0.6	155	15	ALTO BAUDO (CHOCO)
1463	Ago 3 2017	08:03:15.2	6.80	-73.14	152	1.0	0.1	237	7	LOS SANTOS (SANTANDER)
1464	Ago 3 2017	08:23:45.3	6.75	-73.12	144	1.1	0.5	236	13	LOS SANTOS (SANTANDER)
1465	Ago 3 2017	08:32: 3.2	6.82	-73.13	149	2.3	0.6	66	49	LOS SANTOS (SANTANDER)
1466	Ago 3 2017	08:53: 9.7	4.12	-75.46	Sup	1.5	0.8	52	30	RONCESVALLES (TOLIMA)
1467	Ago 3 2017	09:27:40.8	5.00	-72.94	13	1.0	0.5	110	12	MONTERREY (CASANARE)
1468	Ago 3 2017	09:33:58.0	6.77	-73.11	142	1.6	0.6	116	24	LOS SANTOS (SANTANDER)
1469	Ago 3 2017	09:43:22.3	6.79	-73.10	150	1.8	0.3	116	27	LOS SANTOS (SANTANDER)
1470	Ago 3 2017	10:13:21.9	6.57	-73.53	143	1.0	0.4	121	8	EL CARMEN (SANTANDER)
1471	Ago 3 2017	12:45:46.2	6.74	-73.11	143	1.7	0.3	237	16	LOS SANTOS (SANTANDER)
1472	Ago 3 2017	13:55:47.9	6.75	-73.12	146	1.5	0.5	142	13	LOS SANTOS (SANTANDER)
1473	Ago 3 2017	14:55:40.1	6.17	-73.44	127	1.8	0.6	94	20	SAN BENITO (SANTANDER)
1474	Ago 3 2017	15:31:43.1	5.28	-73.77	147	1.6	0.3	128	16	CUCUNUBA (CUNDINAMARCA)
1475	Ago 3 2017	16:40:12.4	6.78	-73.54	104	1.5	0.3	118	12	EL CARMEN (SANTANDER)
1476	Ago 3 2017	16:48:53.6	6.80	-73.13	147	1.7	0.4	138	15	LOS SANTOS (SANTANDER)
1477	Ago 3 2017	16:48:54.4	6.80	-73.17	140	1.6	0.4	133	14	LOS SANTOS (SANTANDER)
1478	Ago 3 2017	17:50:56.5	9.73	-73.13	Sup	2.3	0.6	140	19	BECERRIL (CESAR)
1479	Ago 3 2017	20:35:53.0	6.80	-73.13	144	1.8	0.4	112	24	LOS SANTOS (SANTANDER)
1480	Ago 3 2017	20:45: 9.0	4.46	-76.24	105	1.2	0.4	211	10	EL DOVIO (VALLE)
1481	Ago 3 2017	20:46: 2.3	5.20	-76.76	47	1.3	0.1	160	10	ISTMINA (CHOCO)
1482	Ago 3 2017	21:38:23.2	6.80	-73.09	146	1.5	0.4	142	15	LOS SANTOS (SANTANDER)
1483	Ago 3 2017	21:47:33.2	6.68	-77.03	8	2.0	0.5	114	22	VIGIA DEL FUERTE (ANTIOQUIA)
1484	Ago 3 2017	22:10:23.6	6.79	-73.15	145	1.9	0.5	119	25	LOS SANTOS (SANTANDER)
1485	Ago 3 2017	22:28:23.9	8.34	-76.44	61	2.0	0.4	198	13	SAN PEDRO DE URABA (ANTIOQUIA)
1486	Ago 3 2017	23:12:28.8	5.24	-73.72	145	1.3	0.3	79	14	CUCUNUBA (CUNDINAMARCA)
1487	Ago 3 2017	23:29:35.2	4.05	-76.59	55	2.0	0.5	112	29	CALIMA (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1488	Ago 3 2017	23:31:54.7	9.80	-73.10	Sup	1.8	0.4	140	13	BECERRIL (CESAR)
1489	Ago 4 2017	00:28:26.6	6.65	-77.00	Sup	1.6	0.7	145	14	VIGIA DEL FUERTE (ANTIOQUIA)
1490	Ago 4 2017	01:17:55.7	2.79	-79.34	12	2.1	0.8	287	21	O. PACIFICO SUR
1491	Ago 4 2017	01:26:30.8	6.75	-73.20	154	1.1	0.1	227	8	VILLANUEVA (SANTANDER)
1492	Ago 4 2017	02:06:52.3	7.49	-73.20	129	2.2	0.6	146	31	EL PLAYON (SANTANDER)
1493	Ago 4 2017	02:55: 6.5	6.77	-73.16	146	1.7	0.6	111	21	LOS SANTOS (SANTANDER)
1494	Ago 4 2017	03:08: 3.2	6.79	-73.14	138	1.5	0.5	112	15	LOS SANTOS (SANTANDER)
1495	Ago 4 2017	03:13:41.9	6.81	-73.13	146	1.7	0.7	112	26	LOS SANTOS (SANTANDER)
1496	Ago 4 2017	03:27:56.2	6.78	-73.20	141	1.0	0.4	130	10	ZAPATOCA (SANTANDER)
1497	Ago 4 2017	04:05: 6.8	6.64	-73.45	111	1.7	0.5	53	25	EL CARMEN (SANTANDER)
1498	Ago 4 2017	04:08: 7.9	6.75	-73.08	141	1.0	0.4	147	14	LOS SANTOS (SANTANDER)
1499	Ago 4 2017	04:31: 6.3	6.74	-73.10	154	1.2	0.5	238	10	LOS SANTOS (SANTANDER)
1500	Ago 4 2017	04:48:35.5	6.82	-73.02	148	1.1	0.5	251	11	CEPITA (SANTANDER)
1501	Ago 4 2017	05:27:51.8	6.73	-73.15	138	1.2	0.5	138	12	LOS SANTOS (SANTANDER)
1502	Ago 4 2017	05:32:52.7	6.78	-73.11	151	1.3	0.6	142	15	LOS SANTOS (SANTANDER)
1503	Ago 4 2017	06:45:53.9	4.27	-76.30	127	1.4	0.3	163	10	TRUJILLO (VALLE)
1504	Ago 4 2017	07:34:17.0	6.76	-73.14	148	1.4	0.5	138	15	LOS SANTOS (SANTANDER)
1505	Ago 4 2017	07:55:34.8	5.85	-72.56	Sup	1.2	0.6	112	17	PISVA (BOYACA)
1506	Ago 4 2017	09:30:41.6	6.76	-73.11	134	1.3	0.4	237	10	LOS SANTOS (SANTANDER)
1507	Ago 4 2017	09:39:56.1	6.80	-73.16	140	1.5	0.4	143	10	LOS SANTOS (SANTANDER)
1508	Ago 4 2017	09:48:57.4	6.81	-73.14	150	3.6	0.6	65	66	LOS SANTOS (SANTANDER)
1509	Ago 4 2017	10:18:38.9	6.70	-73.06	145	1.3	0.5	152	12	JORDAN (SANTANDER)
1510	Ago 4 2017	11:15:46.0	6.78	-73.11	142	1.5	0.4	141	16	LOS SANTOS (SANTANDER)
1511	Ago 4 2017	12:01:29.8	5.59	-73.73	135	2.8	0.6	49	46	CHIQUINQUIRA (BOYACA)
1512	Ago 4 2017	12:54:52.4	3.70	-71.44	Sup	1.9	0.5	266	10	PUERTO GAITAN (META)
1513	Ago 4 2017	14:07: 0.2	6.38	-74.74	20	1.6	0.4	74	26	CARACOLI (ANTIOQUIA)
1514	Ago 4 2017	14:11:22.4	6.87	-73.10	140	1.6	0.5	138	14	PIEDRECUESTA (SANTANDER)
1515	Ago 4 2017	15:17:51.4	6.92	-73.11	142	1.5	0.4	250	11	PIEDRECUESTA (SANTANDER)
1516	Ago 4 2017	15:35:25.0	6.79	-73.13	137	1.6	0.5	138	16	LOS SANTOS (SANTANDER)
1517	Ago 4 2017	16:39:34.5	6.81	-73.15	136	1.6	0.5	239	14	LOS SANTOS (SANTANDER)
1518	Ago 4 2017	17:06:25.3	5.69	-72.96	Sup	1.1	0.9	290	8	SOGAMOSO (BOYACA)
1519	Ago 4 2017	17:47:26.8	5.86	-74.80	Sup	1.2	0.7	167	11	PUERTO TRIUNFO (ANTIOQUIA)
1520	Ago 4 2017	18:11: 9.1	6.89	-76.18	Sup	1.6	0.4	180	12	URAMITA (ANTIOQUIA)
1521	Ago 4 2017	19:11:49.9	6.81	-76.16	Sup	1.7	0.5	176	15	FRONTINO (ANTIOQUIA)
1522	Ago 4 2017	20:05:30.0	6.74	-73.56	99	1.4	0.4	107	10	EL CARMEN (SANTANDER)
1523	Ago 4 2017	20:53:28.1	6.76	-73.12	142	1.7	0.3	115	16	LOS SANTOS (SANTANDER)
1524	Ago 4 2017	21:15:58.7	7.91	-73.32	115	1.7	0.3	238	9	SAN ALBERTO (CESAR)
1525	Ago 4 2017	21:27:28.7	6.75	-73.11	141	1.7	0.2	143	16	LOS SANTOS (SANTANDER)
1526	Ago 4 2017	22:11:59.8	6.69	-73.13	142	1.3	0.3	171	9	VILLANUEVA (SANTANDER)
1527	Ago 4 2017	22:13:12.7	7.69	-73.39	128	1.3	0.2	215	7	SAN ALBERTO (CESAR)
1528	Ago 4 2017	22:38:45.4	6.76	-73.11	138	1.5	0.4	142	10	LOS SANTOS (SANTANDER)
1529	Ago 4 2017	22:56: 7.7	3.85	-75.90	Sup	1.9	0.6	105	14	RONCESVALLES (TOLIMA)
1530	Ago 4 2017	23:09: 3.7	7.58	-73.33	104	1.4	0.4	205	12	LA ESPERANZA (N.SANTANDER)
1531	Ago 4 2017	23:10:32.1	6.20	-73.78	102	1.2	0.3	126	12	LANDAZURI (SANTANDER)
1532	Ago 5 2017	00:20: 2.4	6.83	-73.13	145	2.6	0.8	66	49	LOS SANTOS (SANTANDER)
1533	Ago 5 2017	01:15:13.5	6.88	-75.89	Sup	1.1	0.5	106	12	SABANALARGA (ANTIOQUIA)
1534	Ago 5 2017	01:49:37.1	6.80	-73.12	145	1.6	0.4	138	17	LOS SANTOS (SANTANDER)
1535	Ago 5 2017	03:02:13.9	6.77	-73.11	144	1.2	0.4	239	10	LOS SANTOS (SANTANDER)
1536	Ago 5 2017	03:13:14.6	5.27	-73.73	150	3.1	0.8	39	57	LENGUAZQUE (CUNDINAMARCA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1537	Ago 5 2017	04:00:30.7	8.51	-74.00	Sup	1.9	0.7	172	25	ARENAL (BOLIVAR)
1538	Ago 5 2017	04:28:27.9	7.82	-75.10	21	1.5	0.4	216	8	CAUCASIA (ANTIOQUIA)
1539	Ago 5 2017	04:46:36.3	6.60	-76.80	8	1.5	0.5	245	8	VIGIA DEL FUERTE (ANTIOQUIA)
1540	Ago 5 2017	04:57:26.3	6.73	-73.12	140	1.5	0.5	142	16	JORDAN (SANTANDER)
1541	Ago 5 2017	05:19:46.5	6.06	-76.93	32	1.9	0.4	125	22	MEDIO ATRATO (CHOCO)
1542	Ago 5 2017	05:23:41.7	6.76	-73.13	139	1.7	0.5	114	23	LOS SANTOS (SANTANDER)
1543	Ago 5 2017	06:33: 4.5	4.12	-75.48	13	1.0	0.4	118	13	RONCESVALLES (TOLIMA)
1544	Ago 5 2017	06:50:11.2	6.71	-73.22	141	1.0	0.2	235	8	VILLANUEVA (SANTANDER)
1545	Ago 5 2017	07:15:47.1	6.71	-76.73	14	1.9	0.8	126	16	VIGIA DEL FUERTE (ANTIOQUIA)
1546	Ago 5 2017	07:19:19.9	6.79	-73.09	148	1.8	0.5	124	22	LOS SANTOS (SANTANDER)
1547	Ago 5 2017	07:55:10.2	6.77	-73.44	110	0.9	0.6	163	11	EL CARMEN (SANTANDER)
1548	Ago 5 2017	08:21:50.5	6.78	-73.20	158	1.2	0.5	231	8	ZAPATOCA (SANTANDER)
1549	Ago 5 2017	08:36: 8.7	6.80	-71.91	Sup	1.3	0.5	216	12	FORTUL (ARAUCA)
1550	Ago 5 2017	09:08:13.3	6.81	-73.13	150	1.2	0.4	245	8	LOS SANTOS (SANTANDER)
1551	Ago 5 2017	09:11:44.8	6.78	-73.18	142	1.0	0.4	241	8	LOS SANTOS (SANTANDER)
1552	Ago 5 2017	09:50: 3.8	4.15	-78.81	7	1.6	0.4	283	14	O. PACIFICO CENTRO
1553	Ago 5 2017	10:05:15.4	5.62	-74.00	110	1.2	0.6	91	18	PAUNA (BOYACA)
1554	Ago 5 2017	10:09:35.1	6.82	-73.15	146	1.9	0.5	110	33	LOS SANTOS (SANTANDER)
1555	Ago 5 2017	10:46:35.5	2.32	-75.62	Sup	1.0	0.3	123	10	GIGANTE (HUILA)
1556	Ago 5 2017	11:13:15.8	3.21	-75.46	Sup	3.0	0.6	69	73	PLANADAS (TOLIMA)
1557	Ago 5 2017	11:46:25.0	5.93	-73.76	112	1.5	0.4	72	20	SUCRE (SANTANDER)
1558	Ago 5 2017	12:27:30.1	3.90	-76.06	161	2.2	0.6	71	33	SAN PEDRO (VALLE)
1559	Ago 5 2017	14:05:38.9	6.86	-73.14	144	1.4	0.5	246	11	LOS SANTOS (SANTANDER)
1560	Ago 5 2017	14:42:54.5	6.70	-73.07	153	1.1	0.4	149	8	JORDAN (SANTANDER)
1561	Ago 5 2017	15:34: 7.3	6.70	-74.85	30	2.2	0.8	71	35	YALI (ANTIOQUIA)
1562	Ago 5 2017	15:57:12.6	6.80	-73.15	138	1.5	0.4	134	14	LOS SANTOS (SANTANDER)
1563	Ago 5 2017	16:36:15.5	6.59	-75.94	27	1.5	0.4	143	16	GIRALDO (ANTIOQUIA)
1564	Ago 5 2017	17:32:52.5	6.74	-73.08	129	1.5	0.4	240	8	JORDAN (SANTANDER)
1565	Ago 5 2017	17:40:57.0	6.95	-73.33	142	2.5	0.6	90	44	BETULIA (SANTANDER)
1566	Ago 5 2017	17:56:51.2	6.57	-73.51	108	1.4	0.3	107	11	EL CARMEN (SANTANDER)
1567	Ago 5 2017	18:49:32.3	6.78	-73.14	141	1.5	0.4	137	13	LOS SANTOS (SANTANDER)
1568	Ago 5 2017	19:05: 4.0	3.93	-76.21	114	4.1*	0.7	29	104	SAN PEDRO (VALLE)
1569	Ago 5 2017	19:28:49.8	6.75	-73.14	135	2.0	0.6	139	24	LOS SANTOS (SANTANDER)
1570	Ago 5 2017	19:38:22.0	6.78	-73.17	134	1.5	0.4	134	13	LOS SANTOS (SANTANDER)
1571	Ago 5 2017	19:42:32.3	3.78	-76.70	48	2.1	0.6	88	30	DAGUA (VALLE)
1572	Ago 5 2017	19:58:50.4	6.67	-73.28	119	1.4	0.3	193	11	GALAN (SANTANDER)
1573	Ago 5 2017	21:02: 7.9	6.80	-73.11	143	1.6	0.1	241	8	LOS SANTOS (SANTANDER)
1574	Ago 5 2017	21:11:35.3	7.60	-72.29	Sup	1.7	0.5	181	14	FRONTERA CON VENEZUELA
1575	Ago 5 2017	21:28:45.4	6.77	-73.14	141	2.6	0.5	98	46	LOS SANTOS (SANTANDER)
1576	Ago 5 2017	21:32:51.8	5.25	-73.70	148	1.5	0.3	79	13	LENGUAZQUE (CUNDINAMARCA)
1577	Ago 5 2017	22:34:54.5	6.77	-73.13	139	2.3	0.4	97	36	LOS SANTOS (SANTANDER)
1578	Ago 6 2017	01:08:15.2	6.81	-73.10	149	1.8	0.6	115	28	LOS SANTOS (SANTANDER)
1579	Ago 6 2017	01:14:35.5	4.82	-73.29	Sup	2.1	0.7	74	33	SANTA MARIA (BOYACA)
1580	Ago 6 2017	01:23: 6.1	10.04	-75.12	46	1.9	0.3	197	8	SAN JUAN NEPOMUCENO (BOLIVAR)
1581	Ago 6 2017	01:24:29.8	10.38	-73.52	85	2.1	0.2	201	8	PUEBLO BELLO (CESAR)
1582	Ago 6 2017	01:25:55.4	5.85	-74.17	Sup	2.1	0.7	43	42	OTANCHE (BOYACA)
1583	Ago 6 2017	01:44:43.5	6.77	-73.13	140	1.4	0.4	236	12	LOS SANTOS (SANTANDER)
1584	Ago 6 2017	01:59:20.4	6.48	-73.28	126	1.5	0.4	96	20	SOCORRO (SANTANDER)
1585	Ago 6 2017	02:35:59.4	8.11	-75.11	17	1.5	0.4	257	8	CAUCASIA (ANTIOQUIA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1586	Ago 6 2017	03:13:42.3	6.81	-73.13	150	1.2	0.4	239	12	LOS SANTOS (SANTANDER)
1587	Ago 6 2017	03:23:24.4	5.92	-73.62	126	1.3	0.3	144	14	BARBOSA (SANTANDER)
1588	Ago 6 2017	04:08:19.0	6.81	-73.13	152	3.1	0.7	66	65	LOS SANTOS (SANTANDER)
1589	Ago 6 2017	04:19:45.6	6.80	-73.10	142	2.2	0.6	101	40	LOS SANTOS (SANTANDER)
1590	Ago 6 2017	04:30:54.7	6.96	-77.73	6	2.3	0.5	183	29	O. PACIFICO NORTE
1591	Ago 6 2017	04:40:49.3	6.78	-73.12	143	1.4	0.3	239	12	LOS SANTOS (SANTANDER)
1592	Ago 6 2017	05:11:27.5	6.57	-76.55	Sup	1.2	0.2	255	7	VIGIA DEL FUERTE (ANTIOQUIA)
1593	Ago 6 2017	05:46:30.9	6.82	-73.12	148	1.5	0.5	242	16	LOS SANTOS (SANTANDER)
1594	Ago 6 2017	05:51:27.4	6.04	-73.61	126	1.1	0.3	191	8	CHIPATA (SANTANDER)
1595	Ago 6 2017	05:57:41.8	5.40	-73.78	133	1.3	0.4	149	10	FUQUENE (CUNDINAMARCA)
1596	Ago 6 2017	05:59:31.8	6.75	-73.12	140	1.5	0.5	141	11	LOS SANTOS (SANTANDER)
1597	Ago 6 2017	06:35:25.2	8.38	-73.08	137	1.6	0.2	277	10	HACARI (N.SANTANDER)
1598	Ago 6 2017	06:41:33.6	6.57	-73.45	19	1.2	0.4	111	14	EL CARMEN (SANTANDER)
1599	Ago 6 2017	07:05:41.3	6.78	-73.14	143	1.3	0.6	138	20	LOS SANTOS (SANTANDER)
1600	Ago 6 2017	07:09:11.1	6.80	-73.12	144	1.7	0.5	114	26	LOS SANTOS (SANTANDER)
1601	Ago 6 2017	07:27: 5.8	5.97	-74.29	Sup	1.6	0.7	60	28	PUERTO BOYACA (BOYACA)
1602	Ago 6 2017	07:56: 4.8	6.43	-73.76	100	1.0	0.3	87	10	SANTA HELENA DEL OPO (SANTANDER)
1603	Ago 6 2017	08:08:55.2	5.72	-75.96	43	1.9	0.7	139	18	BETANIA (ANTIOQUIA)
1604	Ago 6 2017	08:14:40.3	5.98	-75.81	19	1.2	0.5	175	10	TITIRIBI (ANTIOQUIA)
1605	Ago 6 2017	08:17:23.6	5.84	-74.20	Sup	1.4	0.7	83	23	OTANCHE (BOYACA)
1606	Ago 6 2017	08:45:33.8	6.71	-73.16	149	1.0	0.4	228	8	VILLANUEVA (SANTANDER)
1607	Ago 6 2017	08:51:45.7	6.74	-73.17	146	1.1	0.3	230	7	LOS SANTOS (SANTANDER)
1608	Ago 6 2017	09:25:32.3	10.55	-73.50	Sup	2.0	0.8	112	10	PUEBLO BELLO (CESAR)
1609	Ago 6 2017	09:28:24.2	6.79	-73.10	147	1.2	0.5	241	10	LOS SANTOS (SANTANDER)
1610	Ago 6 2017	09:38:47.8	6.83	-73.13	146	2.3	0.8	66	42	LOS SANTOS (SANTANDER)
1611	Ago 6 2017	09:58:46.4	6.66	-73.54	102	1.1	0.5	161	7	EL CARMEN (SANTANDER)
1612	Ago 6 2017	10:03: 1.3	4.43	-77.80	50	1.9	0.3	251	15	O. PACIFICO CENTRO
1613	Ago 6 2017	10:12:58.1	6.82	-73.14	153	2.7	0.5	66	63	LOS SANTOS (SANTANDER)
1614	Ago 6 2017	10:21: 6.3	6.71	-73.15	143	1.6	0.5	204	25	VILLANUEVA (SANTANDER)
1615	Ago 6 2017	10:22:39.4	6.72	-73.14	148	1.9	0.4	206	31	JORDAN (SANTANDER)
1616	Ago 6 2017	10:47:30.3	5.44	-73.79	143	1.4	0.3	89	16	SUSA (CUNDINAMARCA)
1617	Ago 6 2017	10:54:11.4	3.47	-74.62	Sup	1.3	0.3	171	15	COLOMBIA (HUILA)
1618	Ago 6 2017	11:08:30.4	6.19	-72.18	Sup	1.5	0.5	127	15	SACAMA (CASANARE)
1619	Ago 6 2017	11:20:25.3	6.48	-73.85	Sup	0.7	0.3	147	8	CIMITARRA (SANTANDER)
1620	Ago 6 2017	11:21:43.2	6.84	-73.14	152	2.5	0.5	56	48	LOS SANTOS (SANTANDER)
1621	Ago 6 2017	11:51:13.5	3.82	-76.98	26	1.4	0.2	145	7	BUENAVENTURA (VALLE)
1622	Ago 6 2017	12:08:55.4	2.44	-75.54	Sup	2.5	0.6	72	33	GIGANTE (HUILA)
1623	Ago 6 2017	12:16:41.6	6.78	-73.41	121	1.6	0.3	171	11	SAN VICENTE DE CHUCURI (SANTANDER)
1624	Ago 6 2017	12:38:50.9	5.47	-77.39	Sup	2.0	0.5	169	26	NUQUI (CHOCO)
1625	Ago 6 2017	12:53: 5.6	6.19	-73.56	113	1.5	0.3	122	9	LA PAZ (SANTANDER)
1626	Ago 6 2017	13:04:32.3	4.97	-75.64	31	1.2	0.5	144	7	CHINCHINA (CALDAS)
1627	Ago 6 2017	13:37:34.5	6.70	-73.20	153	1.5	0.3	221	9	VILLANUEVA (SANTANDER)
1628	Ago 6 2017	14:00: 4.6	5.11	-72.84	19	1.5	0.7	84	13	CHAMEZA (CASANARE)
1629	Ago 6 2017	14:19:45.7	5.37	-76.70	11	1.5	0.3	176	14	EL CANTON DEL SAN PABL (CHOCO)
1630	Ago 6 2017	15:05: 2.0	6.78	-73.13	147	1.7	0.2	139	20	LOS SANTOS (SANTANDER)
1631	Ago 6 2017	15:43:47.8	8.85	-71.13	Sup	4.5*	1.1	106	46	FRONTERA CON VENEZUELA
1632	Ago 6 2017	17:59:23.6	6.76	-73.14	143	1.5	0.4	139	12	LOS SANTOS (SANTANDER)
1633	Ago 6 2017	18:57:26.4	3.76	-77.06	27	1.5	0.2	151	8	BUENAVENTURA (VALLE)
1634	Ago 6 2017	19:13: 1.3	6.77	-73.37	116	2.0	0.8	52	24	SAN VICENTE DE CHUCURI (SANTANDER)
1635	Ago 6 2017	19:48: 5.7	1.88	-76.07	Sup	1.4	0.5	125	12	PITALITO (HUILA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1636	Ago 6 2017	19:53:22.0	6.76	-73.09	137	1.2	0.3	145	7	LOS SANTOS (SANTANDER)
1637	Ago 6 2017	20:02:14.2	6.75	-73.16	144	1.5	0.2	136	9	LOS SANTOS (SANTANDER)
1638	Ago 6 2017	20:17:23.2	5.22	-75.77	Sup	1.5	0.6	147	10	ANSERMA (CALDAS)
1639	Ago 6 2017	21:00:19.6	5.41	-73.75	133	1.4	0.3	87	15	FUQUENE (CUNDINAMARCA)
1640	Ago 6 2017	21:02:11.8	7.22	-76.12	Sup	1.5	0.4	207	8	DABEIBA (ANTIOQUIA)
1641	Ago 6 2017	21:29: 6.4	6.78	-73.19	135	1.2	0.3	131	10	ZAPATOCA (SANTANDER)
1642	Ago 6 2017	21:34:31.4	6.77	-73.12	139	2.1	0.4	140	18	LOS SANTOS (SANTANDER)
1643	Ago 6 2017	22:04:48.7	6.76	-73.13	141	1.9	0.4	139	22	LOS SANTOS (SANTANDER)
1644	Ago 6 2017	23:08:24.4	6.78	-73.17	145	1.2	0.2	134	10	LOS SANTOS (SANTANDER)
1645	Ago 6 2017	23:36:51.7	6.74	-73.14	140	1.1	0.4	140	10	LOS SANTOS (SANTANDER)
1646	Ago 6 2017	23:45:46.4	6.01	-73.26	191	2.0	0.2	130	8	GAMBITA (SANTANDER)
1647	Ago 7 2017	01:41:22.0	6.77	-73.15	140	1.2	0.4	137	14	LOS SANTOS (SANTANDER)
1648	Ago 7 2017	01:55:12.3	6.71	-73.18	149	1.3	0.3	135	10	VILLANUEVA (SANTANDER)
1649	Ago 7 2017	02:04:45.5	6.78	-73.14	146	1.6	0.4	120	21	LOS SANTOS (SANTANDER)
1650	Ago 7 2017	02:09:47.7	1.99	-77.26	11	1.5	0.3	178	15	BALBOA (CAUCA)
1651	Ago 7 2017	02:20:48.0	3.88	-76.13	149	1.2	0.4	113	15	SAN PEDRO (VALLE)
1652	Ago 7 2017	02:59:17.1	5.98	-73.58	122	1.4	0.4	71	22	GUEPSA (SANTANDER)
1653	Ago 7 2017	03:39: 7.2	6.78	-73.12	139	2.2	0.5	99	39	LOS SANTOS (SANTANDER)
1654	Ago 7 2017	03:41:27.9	3.51	-74.16	Sup	1.5	0.5	145	14	LEJANIAS (META)
1655	Ago 7 2017	04:12:17.5	6.76	-73.14	134	1.8	0.3	113	25	LOS SANTOS (SANTANDER)
1656	Ago 7 2017	04:23: 3.6	6.74	-73.14	133	1.2	0.3	233	11	LOS SANTOS (SANTANDER)
1657	Ago 7 2017	04:37:29.3	6.79	-73.14	139	1.1	0.2	238	10	LOS SANTOS (SANTANDER)
1658	Ago 7 2017	04:42:22.6	6.75	-73.13	143	1.3	0.3	234	13	LOS SANTOS (SANTANDER)
1659	Ago 7 2017	05:06:24.7	3.36	-74.77	12	1.8	0.5	87	17	COLOMBIA (HUILA)
1660	Ago 7 2017	05:07:34.7	6.82	-75.23	28	1.2	0.4	124	12	GUADALUPE (ANTIOQUIA)
1661	Ago 7 2017	05:38:49.7	3.85	-76.84	52	1.3	0.1	215	8	BUENAVENTURA (VALLE)
1662	Ago 7 2017	05:54:46.0	6.74	-73.17	145	1.3	0.4	230	12	LOS SANTOS (SANTANDER)
1663	Ago 7 2017	05:57:40.5	6.67	-76.64	9	1.0	0.3	269	8	VIGIA DEL FUERTE (ANTIOQUIA)
1664	Ago 7 2017	06:31:27.6	3.93	-74.75	Sup	1.7	0.6	67	40	CUNDAY (TOLIMA)
1665	Ago 7 2017	06:50:33.4	5.92	-73.64	124	0.8	0.3	145	9	BARBOSA (SANTANDER)
1666	Ago 7 2017	07:28:25.9	5.27	-73.76	141	1.2	0.4	107	16	CUCUNUBA (CUNDINAMARCA)
1667	Ago 7 2017	08:28:55.6	5.20	-76.71	15	1.5	0.7	84	25	ISTMINA (CHOCO)
1668	Ago 7 2017	09:08:32.5	5.25	-73.75	143	1.3	0.4	132	17	CUCUNUBA (CUNDINAMARCA)
1669	Ago 7 2017	09:29:25.3	6.53	-73.51	108	1.6	0.4	64	28	EL CARMEN (SANTANDER)
1670	Ago 7 2017	09:55:36.7	3.51	-74.18	Sup	2.3	0.7	51	58	LEJANIAS (META)
1671	Ago 7 2017	10:15:26.7	6.78	-73.15	150	1.3	0.5	235	12	LOS SANTOS (SANTANDER)
1672	Ago 7 2017	10:38:17.0	4.61	-76.14	121	1.5	0.2	154	8	TORO (VALLE)
1673	Ago 7 2017	11:54:13.0	6.80	-73.14	149	1.3	0.4	238	9	LOS SANTOS (SANTANDER)
1674	Ago 7 2017	12:37:14.4	6.80	-73.15	147	2.4	0.5	111	30	LOS SANTOS (SANTANDER)
1675	Ago 7 2017	12:52:39.3	6.80	-73.16	148	1.4	0.4	236	11	LOS SANTOS (SANTANDER)
1676	Ago 7 2017	12:54:27.7	6.62	-73.75	Sup	0.6	0.5	126	7	EL CARMEN (SANTANDER)
1677	Ago 7 2017	13:32:48.8	6.94	-71.73	Sup	1.3	0.4	271	8	SARAVENA (ARAUCA)
1678	Ago 7 2017	13:48:31.7	4.79	-77.80	45	1.6	0.4	280	8	O. PACIFICO CENTRO
1679	Ago 7 2017	14:03:24.1	6.17	-76.83	Sup	1.8	0.7	192	17	MEDIO ATRATO (CHOCO)
1680	Ago 7 2017	14:31: 8.8	6.78	-73.11	152	1.4	0.4	239	15	LOS SANTOS (SANTANDER)
1681	Ago 7 2017	14:36:45.4	7.07	-76.28	Sup	1.3	0.6	241	9	DABEIBA (ANTIOQUIA)
1682	Ago 7 2017	15:28:45.7	6.88	-73.33	119	1.7	0.2	212	14	BETULIA (SANTANDER)
1683	Ago 7 2017	15:35:44.4	6.79	-73.12	148	1.3	0.3	240	8	LOS SANTOS (SANTANDER)
1684	Ago 7 2017	15:37:20.6	7.69	-75.08	20	1.5	0.5	196	11	CACERES (ANTIOQUIA)
1685	Ago 7 2017	16:41: 7.7	6.75	-73.17	151	1.2	0.4	231	8	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1686	Ago 7 2017	16:52:58.6	6.77	-73.15	147	1.1	0.3	234	8	LOS SANTOS (SANTANDER)
1687	Ago 7 2017	16:59: 1.5	6.70	-73.21	143	1.3	0.4	214	8	VILLANUEVA (SANTANDER)
1688	Ago 7 2017	17:30:26.3	6.95	-73.39	113	1.5	0.6	214	12	SAN VICENTE DE CHUCURI (SANTANDER)
1689	Ago 7 2017	19:38:50.0	6.74	-73.13	144	1.7	0.4	141	16	LOS SANTOS (SANTANDER)
1690	Ago 7 2017	20:06:40.0	6.62	-73.27	159	1.2	0.3	127	8	GALAN (SANTANDER)
1691	Ago 7 2017	20:10:22.5	6.72	-73.23	146	1.1	0.4	212	8	VILLANUEVA (SANTANDER)
1692	Ago 7 2017	20:24:21.4	6.74	-73.12	146	1.7	0.4	141	17	LOS SANTOS (SANTANDER)
1693	Ago 7 2017	20:33: 8.7	6.79	-73.16	147	1.3	0.3	134	11	LOS SANTOS (SANTANDER)
1694	Ago 7 2017	20:51:49.1	2.43	-75.64	17	1.2	0.2	195	7	TESALIA (HUILA)
1695	Ago 7 2017	20:54:16.2	7.18	-76.23	Sup	1.5	0.4	239	11	DABEIBA (ANTIOQUIA)
1696	Ago 7 2017	21:31:43.3	6.01	-74.26	19	1.2	0.5	82	14	PUERTO BOYACA (BOYACA)
1697	Ago 7 2017	22:26: 5.8	5.75	-75.97	32	2.7	0.5	48	63	BETANIA (ANTIOQUIA)
1698	Ago 7 2017	22:30:45.0	6.87	-73.26	121	1.5	0.3	226	14	BETULIA (SANTANDER)
1699	Ago 7 2017	22:35:15.2	6.96	-76.30	Sup	1.5	0.4	239	10	DABEIBA (ANTIOQUIA)
1700	Ago 7 2017	22:37:41.6	6.77	-73.14	145	1.6	0.4	236	14	LOS SANTOS (SANTANDER)
1701	Ago 7 2017	23:02:20.5	6.30	-74.81	14	1.4	0.5	97	16	CARACOLI (ANTIOQUIA)
1702	Ago 7 2017	23:03: 7.1	6.30	-74.81	14	1.5	0.4	97	16	CARACOLI (ANTIOQUIA)
1703	Ago 7 2017	23:13:20.7	6.79	-73.12	147	1.6	0.3	140	19	LOS SANTOS (SANTANDER)
1704	Ago 7 2017	23:15:43.1	4.13	-76.95	50	1.9	0.4	81	28	BUENAVENTURA (VALLE)
1705	Ago 8 2017	00:10:51.9	5.93	-74.30	23	0.7	0.5	109	8	PUERTO BOYACA (BOYACA)
1706	Ago 8 2017	00:33:56.1	3.26	-75.22	Sup	1.5	0.6	157	15	VILLAVIEJA (HUILA)
1707	Ago 8 2017	00:41: 2.2	6.80	-73.13	140	2.3	0.6	112	33	LOS SANTOS (SANTANDER)
1708	Ago 8 2017	01:12:46.2	6.67	-73.23	144	1.1	0.4	217	7	BARICHARA (SANTANDER)
1709	Ago 8 2017	01:42:30.7	7.31	-76.31	Sup	1.9	0.5	157	14	MUTATA (ANTIOQUIA)
1710	Ago 8 2017	01:57:21.2	6.27	-74.80	15	0.8	0.4	149	9	CARACOLI (ANTIOQUIA)
1711	Ago 8 2017	01:58: 5.0	6.77	-73.13	142	1.4	0.6	237	11	LOS SANTOS (SANTANDER)
1712	Ago 8 2017	02:29:46.0	5.61	-73.96	110	1.1	0.3	134	12	PAUNA (BOYACA)
1713	Ago 8 2017	02:33:36.9	6.77	-73.11	144	0.8	0.4	239	9	LOS SANTOS (SANTANDER)
1714	Ago 8 2017	02:45:36.2	6.39	-73.65	104	1.6	0.5	78	20	SANTA HELENA DEL OPO (SANTANDER)
1715	Ago 8 2017	03:20:35.8	7.48	-73.20	132	1.0	0.4	195	8	EL PLAYON (SANTANDER)
1716	Ago 8 2017	03:43:52.6	3.68	-76.95	25	1.5	0.4	121	16	BUENAVENTURA (VALLE)
1717	Ago 8 2017	03:58:53.1	7.50	-76.17	Sup	1.3	0.4	245	8	MUTATA (ANTIOQUIA)
1718	Ago 8 2017	04:00:37.1	6.28	-74.80	20	0.8	0.6	131	9	CARACOLI (ANTIOQUIA)
1719	Ago 8 2017	04:06:33.1	4.41	-76.22	106	2.3	0.7	47	46	ROLDANILLO (VALLE)
1720	Ago 8 2017	04:19: 4.4	6.95	-73.16	152	1.3	0.3	248	10	GIRON (SANTANDER)
1721	Ago 8 2017	04:20:32.7	6.82	-73.09	143	1.3	0.4	142	13	LOS SANTOS (SANTANDER)
1722	Ago 8 2017	04:25:39.9	3.82	-77.16	20	1.5	0.4	134	11	BUENAVENTURA (VALLE)
1723	Ago 8 2017	04:29:57.6	3.83	-76.28	124	1.0	0.3	126	9	BUGA (VALLE)
1724	Ago 8 2017	04:51:36.9	6.79	-73.12	144	1.6	0.5	139	20	LOS SANTOS (SANTANDER)
1725	Ago 8 2017	05:07: 0.9	5.66	-77.78	32	1.5	0.5	194	10	O. PACIFICO NORTE
1726	Ago 8 2017	05:15:35.8	6.80	-73.14	149	1.6	0.4	238	13	LOS SANTOS (SANTANDER)
1727	Ago 8 2017	06:21:56.2	6.58	-73.02	166	1.2	0.5	238	9	CURITI (SANTANDER)
1728	Ago 8 2017	06:27:15.2	6.75	-73.17	145	1.5	0.5	231	13	LOS SANTOS (SANTANDER)
1729	Ago 8 2017	07:48:33.8	6.82	-73.13	145	1.8	0.6	112	22	LOS SANTOS (SANTANDER)
1730	Ago 8 2017	07:54:46.0	2.42	-75.58	6	1.6	0.5	70	26	GIGANTE (HUILA)
1731	Ago 8 2017	07:59:52.2	4.67	-76.10	85	1.5	0.4	120	14	ARGELIA (VALLE)
1732	Ago 8 2017	08:21:37.4	4.76	-76.17	100	1.8	0.6	84	23	EL CAIRO (VALLE)
1733	Ago 8 2017	09:40: 8.3	6.79	-73.17	140	1.0	0.6	234	11	LOS SANTOS (SANTANDER)
1734	Ago 8 2017	10:46:28.3	8.21	-77.37	32	2.1	0.6	138	19	FRONTERA CON PANAMA
1735	Ago 8 2017	11:52:23.5	6.84	-73.13	140	1.5	0.7	242	16	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1736	Ago 8 2017	13:19:58.8	6.66	-73.29	111	1.2	0.2	218	8	GALAN (SANTANDER)
1737	Ago 8 2017	13:24: 7.1	6.51	-74.72	Sup	2.4	0.7	67	40	MACEO (ANTIOQUIA)
1738	Ago 8 2017	14:09:30.4	6.92	-73.14	123	1.4	0.5	248	10	PIEDRECUESTA (SANTANDER)
1739	Ago 8 2017	14:34: 9.9	6.82	-73.09	146	1.8	0.4	245	18	LOS SANTOS (SANTANDER)
1740	Ago 8 2017	14:37:24.5	6.73	-73.17	139	1.6	0.6	136	17	VILLANUEVA (SANTANDER)
1741	Ago 8 2017	14:40:48.8	5.78	-73.94	98	1.1	0.2	173	9	FLORIAN (SANTANDER)
1742	Ago 8 2017	16:05:55.5	6.71	-73.19	148	1.4	0.3	224	8	VILLANUEVA (SANTANDER)
1743	Ago 8 2017	17:57:27.6	6.78	-73.14	148	1.7	0.2	137	14	LOS SANTOS (SANTANDER)
1744	Ago 8 2017	17:57:27.6	6.75	-73.16	148	1.7	0.3	136	10	LOS SANTOS (SANTANDER)
1745	Ago 8 2017	18:55:25.4	7.18	-74.03	8	1.2	0.2	172	8	PUERTO WILCHES (SANTANDER)
1746	Ago 8 2017	19:23:56.0	6.76	-73.09	139	1.9	0.5	118	22	LOS SANTOS (SANTANDER)
1747	Ago 8 2017	20:03:40.4	6.82	-73.11	149	1.9	0.4	114	28	LOS SANTOS (SANTANDER)
1748	Ago 8 2017	20:13:59.1	5.26	-73.76	146	2.1	0.4	92	36	CUCUNUBA (CUNDINAMARCA)
1749	Ago 8 2017	20:37:59.1	6.50	-74.73	Sup	1.7	0.4	105	18	MACEO (ANTIOQUIA)
1750	Ago 8 2017	20:43:40.7	6.59	-72.20	Sup	4.9*	0.6	77	94	GUICAN (BOYACA)
1751	Ago 8 2017	20:51: 4.7	6.71	-73.19	144	1.6	0.2	225	7	VILLANUEVA (SANTANDER)
1752	Ago 8 2017	20:53:31.2	7.04	-74.49	Sup	1.2	0.5	125	7	REMEDIOS (ANTIOQUIA)
1753	Ago 8 2017	21:43:53.7	6.79	-73.18	149	1.7	0.4	132	11	ZAPATOCA (SANTANDER)
1754	Ago 8 2017	22:29:38.2	6.59	-72.20	Sup	1.7	0.5	144	13	GUICAN (BOYACA)
1755	Ago 8 2017	23:02:18.1	6.69	-73.17	158	1.3	0.4	137	10	VILLANUEVA (SANTANDER)
1756	Ago 8 2017	23:09:14.6	6.91	-74.38	13	1.0	0.5	130	7	REMEDIOS (ANTIOQUIA)
1757	Ago 8 2017	23:19:35.7	6.53	-72.33	Sup	1.3	0.5	199	7	GUICAN (BOYACA)
1758	Ago 8 2017	23:37:21.3	6.82	-73.14	142	2.3	0.6	109	47	LOS SANTOS (SANTANDER)
1759	Ago 9 2017	00:29: 5.0	5.75	-73.89	106	2.6	0.6	37	60	ALBANIA (SANTANDER)
1760	Ago 9 2017	00:35:58.9	3.81	-74.09	Sup	1.8	0.6	78	28	CUBARRAL (META)
1761	Ago 9 2017	01:06:15.0	3.90	-76.33	121	1.2	0.3	146	7	BUGA (VALLE)
1762	Ago 9 2017	01:36: 5.3	5.90	-73.52	95	1.1	0.4	154	8	TOGUI (BOYACA)
1763	Ago 9 2017	02:03:53.4	6.16	-73.42	134	1.1	0.4	103	10	SUAITA (SANTANDER)
1764	Ago 9 2017	02:46: 5.1	6.28	-74.75	15	0.9	0.4	146	10	CARACOLI (ANTIOQUIA)
1765	Ago 9 2017	02:48:46.5	6.54	-73.53	110	2.3	0.5	42	52	EL CARMEN (SANTANDER)
1766	Ago 9 2017	03:37:48.3	7.45	-73.19	127	2.0	0.6	105	32	EL PLAYON (SANTANDER)
1767	Ago 9 2017	03:58:59.0	3.87	-76.27	128	1.5	0.4	117	18	BUGA (VALLE)
1768	Ago 9 2017	04:14:47.5	6.82	-73.15	143	2.0	0.7	111	34	LOS SANTOS (SANTANDER)
1769	Ago 9 2017	04:30:48.0	1.52	-76.57	Sup	1.3	0.5	163	12	SANTA ROSA (CAUCA)
1770	Ago 9 2017	05:00:33.6	6.75	-73.19	146	1.5	0.5	205	16	ZAPATOCA (SANTANDER)
1771	Ago 9 2017	07:19:57.1	6.31	-73.56	109	1.1	0.1	132	8	SANTA HELENA DEL OPO (SANTANDER)
1772	Ago 9 2017	07:42:17.2	5.71	-76.09	26	1.0	0.7	162	12	BETANIA (ANTIOQUIA)
1773	Ago 9 2017	07:51:24.4	3.66	-73.57	142	1.5	0.4	121	12	SAN MARTIN (META)
1774	Ago 9 2017	08:40:35.5	6.81	-73.08	147	1.1	0.2	245	8	LOS SANTOS (SANTANDER)
1775	Ago 9 2017	08:53:55.9	5.16	-76.22	94	2.2	0.7	62	44	SAN JOSE DEL PALMAR (CHOCO)
1776	Ago 9 2017	09:20: 4.9	7.18	-73.23	115	1.6	0.4	253	11	LEBRIJA (SANTANDER)
1777	Ago 9 2017	09:33:27.7	6.79	-73.10	141	1.5	0.3	242	8	LOS SANTOS (SANTANDER)
1778	Ago 9 2017	09:38:11.8	6.79	-73.10	141	1.6	0.2	247	11	LOS SANTOS (SANTANDER)
1779	Ago 9 2017	09:49:16.9	2.03	-75.94	Sup	1.3	0.5	155	15	ELIAS (HUILA)
1780	Ago 9 2017	10:41:54.8	6.61	-72.18	Sup	1.8	0.6	214	12	GUICAN (BOYACA)
1781	Ago 9 2017	11:50:27.7	10.81	-73.44	24	2.6	0.4	124	18	PUEBLO BELLO (CESAR)
1782	Ago 9 2017	12:13:53.4	6.59	-72.23	Sup	2.2	0.5	141	22	GUICAN (BOYACA)
1783	Ago 9 2017	12:33:18.4	8.90	-77.61	16	2.1	0.9	150	18	MAR CARIBE
1784	Ago 9 2017	17:02:58.0	6.60	-72.19	Sup	2.4	0.5	213	22	GUICAN (BOYACA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1785	Ago 9 2017	18:03:19.7	3.51	-74.17	Sup	1.8	0.8	128	22	LEJANIAS (META)
1786	Ago 9 2017	19:29:15.2	4.46	-75.25	55	1.1	0.4	134	10	IBAGUE (TOLIMA)
1787	Ago 9 2017	19:30: 8.4	6.66	-73.08	122	1.4	0.6	150	8	JORDAN (SANTANDER)
1788	Ago 9 2017	20:02:40.2	6.81	-73.15	148	1.6	0.2	134	11	LOS SANTOS (SANTANDER)
1789	Ago 9 2017	21:12:42.0	6.79	-73.14	142	1.5	0.4	138	13	LOS SANTOS (SANTANDER)
1790	Ago 9 2017	21:15:30.6	6.74	-73.13	137	2.0	0.3	140	15	LOS SANTOS (SANTANDER)
1791	Ago 9 2017	21:34:33.9	6.79	-73.14	147	1.8	0.4	137	18	LOS SANTOS (SANTANDER)
1792	Ago 9 2017	22:08:12.1	5.95	-77.60	17	2.5	0.6	184	14	O. PACIFICO NORTE
1793	Ago 9 2017	22:26:53.7	3.68	-78.54	18	2.0	0.3	284	12	O. PACIFICO SUR
1794	Ago 9 2017	22:53:58.9	5.48	-74.04	108	1.6	0.4	99	19	COPER (BOYACA)
1795	Ago 9 2017	22:57: 0.7	9.86	-73.12	Sup	2.4	0.5	210	13	AGUSTIN CODAZZI (CESAR)
1796	Ago 9 2017	23:00:31.8	5.85	-77.50	Sup	2.0	0.2	259	12	O. PACIFICO NORTE
1797	Ago 9 2017	23:16:49.2	2.94	-74.78	Sup	1.7	0.5	137	15	BARAYA (HUILA)
1798	Ago 10 2017	00:21:55.9	6.80	-73.12	142	1.9	0.6	71	38	LOS SANTOS (SANTANDER)
1799	Ago 10 2017	01:10: 4.0	6.98	-76.24	10	1.3	0.5	188	10	DABEIBA (ANTIOQUIA)
1800	Ago 10 2017	01:18:16.6	4.02	-75.77	Sup	1.5	0.6	79	20	RONCESVALLES (TOLIMA)
1801	Ago 10 2017	02:05:44.0	6.82	-73.14	145	2.5	0.6	65	54	LOS SANTOS (SANTANDER)
1802	Ago 10 2017	02:27:35.3	7.20	-77.03	19	1.2	0.7	164	10	RIOSUCIO (CHOCO)
1803	Ago 10 2017	03:06:48.1	2.30	-75.53	18	1.3	0.5	136	10	GIGANTE (HUILA)
1804	Ago 10 2017	03:50:52.9	4.01	-75.77	Sup	1.7	0.5	60	37	RONCESVALLES (TOLIMA)
1805	Ago 10 2017	04:07:41.5	6.80	-73.15	143	1.4	0.4	237	13	LOS SANTOS (SANTANDER)
1806	Ago 10 2017	04:15:33.1	6.72	-73.20	146	1.2	0.3	225	9	VILLANUEVA (SANTANDER)
1807	Ago 10 2017	04:44:25.6	7.42	-78.43	Sup	2.3	0.9	182	28	JURADO (CHOCO)
1808	Ago 10 2017	04:49:40.0	7.19	-78.50	10	2.2	0.4	208	11	O. PACIFICO NORTE
1809	Ago 10 2017	05:06:19.5	8.36	-75.27	24	1.7	0.8	180	24	AYAPEL (CORDOBA)
1810	Ago 10 2017	05:16:18.5	6.80	-73.13	144	1.9	0.5	137	30	LOS SANTOS (SANTANDER)
1811	Ago 10 2017	05:20: 3.4	6.81	-73.16	142	1.1	0.4	237	10	LOS SANTOS (SANTANDER)
1812	Ago 10 2017	05:21: 6.2	2.40	-77.85	66	2.1	0.6	96	31	SANTA BARBARA (NARINO)
1813	Ago 10 2017	06:04:31.2	6.79	-73.13	147	2.6	0.6	66	57	LOS SANTOS (SANTANDER)
1814	Ago 10 2017	06:12:58.8	6.79	-73.11	130	1.3	0.5	141	15	LOS SANTOS (SANTANDER)
1815	Ago 10 2017	06:58:24.3	3.16	-74.78	Sup	1.4	0.7	82	17	COLOMBIA (HUILA)
1816	Ago 10 2017	07:13: 1.1	5.45	-74.94	Sup	1.0	0.4	114	12	SAMANA (CALDAS)
1817	Ago 10 2017	07:21: 4.9	2.44	-75.37	Sup	1.9	0.7	66	31	ALGECIRAS (HUILA)
1818	Ago 10 2017	07:43:19.1	6.82	-72.95	139	1.2	0.4	257	9	CEPITA (SANTANDER)
1819	Ago 10 2017	08:52:48.9	3.87	-76.26	125	1.0	0.4	125	8	BUGA (VALLE)
1820	Ago 10 2017	08:57:37.4	6.78	-73.12	139	1.1	0.4	139	10	LOS SANTOS (SANTANDER)
1821	Ago 10 2017	09:02:28.7	9.86	-73.96	23	1.1	0.3	190	8	BOSCONIA (CESAR)
1822	Ago 10 2017	09:09:50.0	6.78	-73.13	144	1.7	0.3	138	23	LOS SANTOS (SANTANDER)
1823	Ago 10 2017	09:15:51.8	2.38	-75.32	14	1.1	0.2	184	8	ALGECIRAS (HUILA)
1824	Ago 10 2017	09:20:24.0	7.19	-74.47	26	1.3	0.3	149	8	SEGOVIA (ANTIOQUIA)
1825	Ago 10 2017	10:03:49.4	5.65	-75.88	25	1.3	0.2	185	10	ANDES (ANTIOQUIA)
1826	Ago 10 2017	10:22: 9.4	5.98	-75.14	Sup	0.7	0.3	208	8	SAN FRANCISCO (ANTIOQUIA)
1827	Ago 10 2017	10:51: 1.8	6.81	-73.11	150	1.2	0.1	241	7	LOS SANTOS (SANTANDER)
1828	Ago 10 2017	11:18:13.7	2.60	-75.69	Sup	1.1	0.2	115	9	IQUIRA (HUILA)
1829	Ago 10 2017	12:22:43.6	6.82	-73.11	148	1.7	0.4	139	13	LOS SANTOS (SANTANDER)
1830	Ago 10 2017	12:26: 7.5	6.76	-73.16	142	1.0	0.4	135	9	LOS SANTOS (SANTANDER)
1831	Ago 10 2017	12:30:38.3	6.80	-73.14	145	1.9	0.4	136	18	LOS SANTOS (SANTANDER)
1832	Ago 10 2017	12:35:48.0	6.42	-73.71	103	1.4	0.3	80	12	SANTA HELENA DEL OPO (SANTANDER)
1833	Ago 10 2017	12:48:12.7	6.78	-73.11	144	1.4	0.2	141	9	LOS SANTOS (SANTANDER)
1834	Ago 10 2017	13:08:36.7	3.00	-74.72	20	1.3	0.5	147	8	BARAYA (HUILA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1835	Ago 10 2017	13:14:46.8	6.82	-73.12	138	1.2	0.3	138	8	LOS SANTOS (SANTANDER)
1836	Ago 10 2017	13:16:55.0	6.77	-73.13	141	2.3	0.4	114	28	LOS SANTOS (SANTANDER)
1837	Ago 10 2017	13:55:13.2	6.73	-73.17	154	1.0	0.4	136	8	VILLANUEVA (SANTANDER)
1838	Ago 10 2017	14:12:10.8	0.20	-74.98	Sup	2.6	0.7	123	23	PUERTO LEGUIZAMO (PUTUMAYO)
1839	Ago 10 2017	15:13: 7.1	6.87	-73.14	142	2.7	0.8	109	46	LOS SANTOS (SANTANDER)
1840	Ago 10 2017	15:26:15.3	5.62	-72.84	Sup	1.6	0.5	112	12	MONGUI (BOYACA)
1841	Ago 10 2017	15:40:23.5	7.97	-77.39	22	2.3	0.8	112	16	FRONTERA CON PANAMA
1842	Ago 10 2017	16:16: 0.5	5.60	-72.83	Sup	1.7	0.5	111	14	AQUITANIA (BOYACA)
1843	Ago 10 2017	16:17:31.9	6.77	-73.12	148	1.6	0.3	122	10	LOS SANTOS (SANTANDER)
1844	Ago 10 2017	16:59:35.0	6.59	-72.31	Sup	1.5	0.8	211	10	GUICAN (BOYACA)
1845	Ago 10 2017	17:20:54.1	8.62	-73.91	24	1.6	0.5	181	9	RIOVIEJO (BOLIVAR)
1846	Ago 10 2017	17:30:27.9	5.82	-74.87	Sup	1.5	0.8	149	19	PUERTO TRIUNFO (ANTIOQUIA)
1847	Ago 10 2017	17:51:10.9	4.73	-76.77	44	1.6	0.8	176	21	SIPI (CHOCO)
1848	Ago 10 2017	18:09:22.3	6.82	-73.13	139	1.8	0.6	136	17	LOS SANTOS (SANTANDER)
1849	Ago 10 2017	18:35:20.0	11.00	-73.31	20	1.9	0.2	141	10	LA PAZ (CESAR)
1850	Ago 10 2017	18:40:23.9	6.09	-73.67	113	1.0	0.2	137	6	CHIPATA (SANTANDER)
1851	Ago 10 2017	18:47:38.3	0.21	-74.90	Sup	2.4	0.8	136	21	PUERTO LEGUIZAMO (PUTUMAYO)
1852	Ago 10 2017	20:12:38.3	6.72	-73.12	152	1.7	0.3	143	12	JORDAN (SANTANDER)
1853	Ago 10 2017	20:33:25.2	6.81	-73.14	150	2.2	0.3	136	36	LOS SANTOS (SANTANDER)
1854	Ago 10 2017	21:51: 0.5	6.80	-73.06	148	2.2	0.5	127	26	LOS SANTOS (SANTANDER)
1855	Ago 10 2017	22:07:16.3	6.78	-73.16	140	1.2	0.4	135	7	LOS SANTOS (SANTANDER)
1856	Ago 10 2017	22:48:43.2	6.78	-73.10	140	1.5	0.3	142	10	LOS SANTOS (SANTANDER)
1857	Ago 10 2017	23:14:29.7	6.74	-73.07	142	1.2	0.2	148	6	JORDAN (SANTANDER)
1858	Ago 10 2017	23:34:56.5	6.78	-73.09	146	1.5	0.2	144	12	LOS SANTOS (SANTANDER)
1859	Ago 11 2017	00:02:40.8	5.25	-73.72	144	1.8	0.5	55	38	CUCUNUBA (CUNDINAMARCA)
1860	Ago 11 2017	00:24: 8.9	6.78	-73.09	146	2.0	0.4	118	32	LOS SANTOS (SANTANDER)
1861	Ago 11 2017	00:35: 4.6	6.56	-73.40	115	1.6	0.4	142	14	HATO (SANTANDER)
1862	Ago 11 2017	01:08:50.8	6.81	-73.10	144	2.0	0.6	115	30	LOS SANTOS (SANTANDER)
1863	Ago 11 2017	01:17:59.5	6.82	-73.04	136	1.2	0.4	249	9	LOS SANTOS (SANTANDER)
1864	Ago 11 2017	01:51:10.3	5.56	-73.54	142	1.4	0.4	88	12	SACHICA (BOYACA)
1865	Ago 11 2017	01:58:43.0	6.78	-73.11	138	1.8	0.5	115	26	LOS SANTOS (SANTANDER)
1866	Ago 11 2017	02:28:24.0	6.80	-76.55	Sup	1.4	0.4	269	12	MURINDO (ANTIOQUIA)
1867	Ago 11 2017	03:02:23.2	6.82	-73.06	147	1.7	0.8	189	30	LOS SANTOS (SANTANDER)
1868	Ago 11 2017	04:16:55.4	5.57	-72.30	42	0.9	0.6	241	8	NUNCHIA (CASANARE)
1869	Ago 11 2017	05:30:48.6	6.69	-72.99	144	1.2	0.4	247	8	ARATOCA (SANTANDER)
1870	Ago 11 2017	05:56:21.2	6.79	-73.09	153	1.5	0.5	222	13	LOS SANTOS (SANTANDER)
1871	Ago 11 2017	06:11:15.7	6.78	-73.08	148	1.6	0.4	222	11	LOS SANTOS (SANTANDER)
1872	Ago 11 2017	06:56:36.3	5.00	-72.94	Sup	1.2	0.5	144	10	MONTERREY (CASANARE)
1873	Ago 11 2017	07:28: 4.1	7.40	-73.20	108	1.8	0.4	211	18	EL PLAYON (SANTANDER)
1874	Ago 11 2017	07:44:28.6	6.81	-73.05	143	1.2	0.2	247	8	LOS SANTOS (SANTANDER)
1875	Ago 11 2017	07:55:25.8	6.81	-73.15	145	1.7	0.5	135	28	LOS SANTOS (SANTANDER)
1876	Ago 11 2017	08:23:14.5	3.87	-76.30	115	1.2	0.3	131	12	BUGA (VALLE)
1877	Ago 11 2017	08:55:59.4	6.82	-73.08	142	1.3	0.4	245	12	LOS SANTOS (SANTANDER)
1878	Ago 11 2017	10:10:34.0	5.22	-73.71	141	1.2	0.5	69	11	CUCUNUBA (CUNDINAMARCA)
1879	Ago 11 2017	10:24:13.6	2.95	-74.74	Sup	1.8	0.4	89	18	BARAYA (HUILA)
1880	Ago 11 2017	11:21:19.0	7.35	-73.01	87	1.5	0.0	213	8	SURATA (SANTANDER)
1881	Ago 11 2017	11:25:37.0	4.31	-76.56	61	1.8	0.4	239	10	TRUJILLO (VALLE)
1882	Ago 11 2017	12:01:52.9	3.53	-71.59	17	2.0	0.4	249	7	MAPIRIPAN (META)
1883	Ago 11 2017	13:01:41.6	6.75	-73.17	154	1.6	0.4	231	8	LOS SANTOS (SANTANDER)
1884	Ago 11 2017	13:48:22.3	6.66	-76.99	Sup	1.6	0.6	169	12	VIGIA DEL FUERTE (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1885	Ago 11 2017	14:30:35.4	6.70	-73.18	143	1.9	0.5	135	10	VILLANUEVA (SANTANDER)
1886	Ago 11 2017	15:29: 5.9	3.15	-76.60	126	1.7	0.5	102	20	JAMUNDI (VALLE)
1887	Ago 11 2017	17:25:40.9	6.81	-73.33	138	1.4	0.4	129	8	ZAPATOCA (SANTANDER)
1888	Ago 11 2017	18:17:16.0	6.76	-73.12	144	1.6	0.3	140	11	LOS SANTOS (SANTANDER)
1889	Ago 11 2017	18:32:36.9	6.80	-73.14	145	2.1	0.4	137	23	LOS SANTOS (SANTANDER)
1890	Ago 11 2017	20:17:27.8	6.81	-73.14	143	1.7	0.4	136	13	LOS SANTOS (SANTANDER)
1891	Ago 11 2017	21:25:51.0	2.87	-74.83	Sup	2.5	0.8	170	29	BARAYA (HUILA)
1892	Ago 11 2017	22:45:35.0	7.14	-75.47	7	1.3	0.2	94	11	VALDIVIA (ANTIOQUIA)
1893	Ago 11 2017	23:55: 2.4	6.78	-73.13	147	1.5	0.3	138	11	LOS SANTOS (SANTANDER)
1894	Ago 11 2017	23:56: 4.4	6.87	-73.26	123	1.4	0.1	225	7	BETULIA (SANTANDER)
1895	Ago 12 2017	00:01:27.3	6.79	-73.11	139	3.2	0.6	55	77	LOS SANTOS (SANTANDER)
1896	Ago 12 2017	00:03: 4.3	5.29	-73.73	131	2.2	0.4	94	15	LENGUAZAQUE (CUNDINAMARCA)
1897	Ago 12 2017	00:29:49.0	5.66	-76.09	32	1.3	0.4	188	11	BETANIA (ANTIOQUIA)
1898	Ago 12 2017	02:39:31.2	4.45	-75.65	Sup	0.7	0.2	156	11	CORDOBA (QUINDIO)
1899	Ago 12 2017	03:05:58.8	6.69	-73.24	144	1.3	0.3	197	8	BARICHARA (SANTANDER)
1900	Ago 12 2017	03:10: 8.4	6.80	-73.13	143	2.6	0.6	66	58	LOS SANTOS (SANTANDER)
1901	Ago 12 2017	03:13: 4.5	5.57	-73.82	128	1.6	0.5	107	20	CHIQUINQUIRA (BOYACA)
1902	Ago 12 2017	03:39:59.5	2.78	-79.60	Sup	2.1	0.5	296	20	O. PACIFICO SUR
1903	Ago 12 2017	03:43:16.8	5.35	-72.97	Sup	1.5	0.8	66	18	SAN EDUARDO (BOYACA)
1904	Ago 12 2017	03:51:21.2	6.86	-73.14	139	1.3	0.4	243	9	LOS SANTOS (SANTANDER)
1905	Ago 12 2017	03:52:29.0	5.19	-74.12	132	1.6	0.5	197	12	PACHO (CUNDINAMARCA)
1906	Ago 12 2017	04:13:27.7	5.33	-72.92	Sup	1.7	0.6	67	18	CHAMEZA (CASANARE)
1907	Ago 12 2017	04:13:28.1	5.35	-72.91	Sup	1.7	0.7	66	18	CHAMEZA (CASANARE)
1908	Ago 12 2017	04:14:56.9	5.97	-77.54	7	2.7	1.4	212	50	O. PACIFICO NORTE
1909	Ago 12 2017	04:26:13.2	5.33	-72.94	14	0.9	0.4	155	8	CHAMEZA (CASANARE)
1910	Ago 12 2017	04:31:25.9	5.84	-72.53	Sup	1.4	0.8	109	16	PISVA (BOYACA)
1911	Ago 12 2017	05:06:17.4	6.78	-73.10	136	1.5	0.4	143	16	LOS SANTOS (SANTANDER)
1912	Ago 12 2017	05:28:17.4	7.44	-75.11	15	1.6	0.7	134	19	ZARAGOZA (ANTIOQUIA)
1913	Ago 12 2017	05:31:39.3	6.83	-73.07	141	1.3	0.4	247	8	LOS SANTOS (SANTANDER)
1914	Ago 12 2017	05:36: 9.7	5.95	-73.72	116	1.4	0.4	85	18	GUAVATA (SANTANDER)
1915	Ago 12 2017	06:06:50.2	6.56	-72.22	Sup	1.6	0.7	138	16	GUICAN (BOYACA)
1916	Ago 12 2017	06:23: 8.1	6.75	-73.08	137	1.4	0.3	247	11	LOS SANTOS (SANTANDER)
1917	Ago 12 2017	07:22:15.0	6.75	-73.16	135	1.4	0.2	241	8	LOS SANTOS (SANTANDER)
1918	Ago 12 2017	07:54:56.0	6.78	-73.15	148	1.6	0.4	136	11	LOS SANTOS (SANTANDER)
1919	Ago 12 2017	08:10:56.4	5.26	-73.74	149	1.7	0.4	92	17	CUCUNUBA (CUNDINAMARCA)
1920	Ago 12 2017	08:31:18.9	6.75	-73.06	145	2.0	0.4	128	31	LOS SANTOS (SANTANDER)
1921	Ago 12 2017	08:47: 2.3	6.81	-73.10	136	1.5	0.5	141	11	LOS SANTOS (SANTANDER)
1922	Ago 12 2017	08:50: 3.0	3.48	-74.57	25	1.2	0.3	205	9	COLOMBIA (HUILA)
1923	Ago 12 2017	08:52:48.5	7.47	-76.59	15	1.8	0.3	284	12	CHIGORODO (ANTIOQUIA)
1924	Ago 12 2017	09:05:51.4	6.74	-73.08	141	1.4	0.1	240	8	JORDAN (SANTANDER)
1925	Ago 12 2017	09:06:34.1	6.82	-73.13	142	2.3	0.4	112	36	LOS SANTOS (SANTANDER)
1926	Ago 12 2017	09:50:13.5	7.60	-73.71	85	1.2	0.2	237	9	SAN PABLO (BOLIVAR)
1927	Ago 12 2017	10:24:14.1	6.83	-73.06	142	1.4	0.1	248	8	LOS SANTOS (SANTANDER)
1928	Ago 12 2017	10:25:40.5	6.81	-73.10	148	1.5	0.4	243	8	LOS SANTOS (SANTANDER)
1929	Ago 12 2017	11:17: 5.7	6.29	-74.79	Sup	1.4	0.5	106	13	CARACOLI (ANTIOQUIA)
1930	Ago 12 2017	11:33:43.9	7.59	-74.17	56	1.3	0.2	233	10	SAN PABLO (BOLIVAR)
1931	Ago 12 2017	11:42: 4.6	6.56	-73.10	164	1.6	0.4	226	8	SAN GIL (SANTANDER)
1932	Ago 12 2017	11:46:36.0	6.73	-73.13	144	1.7	0.4	233	11	JORDAN (SANTANDER)
1933	Ago 12 2017	12:01: 0.7	5.14	-74.86	Sup	2.0	0.8	62	31	MARIQUITA (TOLIMA)
1934	Ago 12 2017	12:50:26.3	7.27	-75.67	Sup	1.5	0.3	133	12	ITUANGO (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1935	Ago 12 2017	13:17:17.9	6.83	-73.12	135	1.4	0.3	243	8	LOS SANTOS (SANTANDER)
1936	Ago 12 2017	13:45:17.5	6.80	-73.09	140	1.4	0.3	143	10	LOS SANTOS (SANTANDER)
1937	Ago 12 2017	14:06:23.8	6.79	-73.15	143	2.2	0.3	100	20	LOS SANTOS (SANTANDER)
1938	Ago 12 2017	14:12:58.6	3.82	-78.02	64	1.7	0.4	245	8	O. PACIFICO SUR
1939	Ago 12 2017	14:14:44.1	9.69	-74.85	20	2.0	0.5	122	10	ZAMBRANO (BOLIVAR)
1940	Ago 12 2017	14:48:52.8	6.84	-73.17	142	1.6	0.3	302	10	ZAPATOCA (SANTANDER)
1941	Ago 12 2017	16:10:54.2	6.63	-72.19	Sup	2.3	0.8	151	16	GUICAN (BOYACA)
1942	Ago 12 2017	16:55:10.0	5.39	-73.76	130	1.3	0.5	123	10	FUQUENE (CUNDINAMARCA)
1943	Ago 12 2017	17:21:17.3	6.80	-73.15	140	2.4	0.8	110	22	LOS SANTOS (SANTANDER)
1944	Ago 12 2017	19:02:33.2	6.78	-73.40	111	1.4	0.2	136	9	SAN VICENTE DE CHUCURI (SANTANDER)
1945	Ago 12 2017	19:24:29.3	3.44	-74.61	Sup	2.0	0.7	95	35	COLOMBIA (HUILA)
1946	Ago 12 2017	19:38: 5.3	6.82	-73.14	148	3.1	0.6	56	57	LOS SANTOS (SANTANDER)
1947	Ago 12 2017	20:13:48.8	5.27	-73.72	142	1.4	0.3	135	9	LENGUAZAQUE (CUNDINAMARCA)
1948	Ago 12 2017	20:56: 7.5	6.63	-72.18	Sup	1.7	0.4	153	12	GUICAN (BOYACA)
1949	Ago 12 2017	22:44:23.1	6.81	-73.12	140	2.3	0.7	102	44	LOS SANTOS (SANTANDER)
1950	Ago 12 2017	23:36:13.2	6.86	-73.13	147	2.5	0.7	65	49	LOS SANTOS (SANTANDER)
1951	Ago 12 2017	23:47:19.6	6.76	-73.10	139	1.3	0.3	144	9	LOS SANTOS (SANTANDER)
1952	Ago 13 2017	01:14:46.4	5.12	-73.03	Sup	2.3	0.8	68	42	PAEZ (BOYACA)
1953	Ago 13 2017	01:53:50.2	3.90	-76.13	34	1.4	0.4	103	13	SAN PEDRO (VALLE)
1954	Ago 13 2017	01:57:37.6	6.82	-73.10	144	2.5	0.6	69	52	LOS SANTOS (SANTANDER)
1955	Ago 13 2017	02:09: 6.2	5.24	-73.73	152	1.9	0.6	55	36	CUCUNUBA (CUNDINAMARCA)
1956	Ago 13 2017	03:31:41.9	2.44	-75.50	20	1.0	0.4	274	8	GIGANTE (HUILA)
1957	Ago 13 2017	03:32:23.6	6.72	-73.15	141	1.3	0.3	205	11	VILLANUEVA (SANTANDER)
1958	Ago 13 2017	03:37:27.7	5.22	-74.81	12	1.4	0.4	192	10	MARIQUITA (TOLIMA)
1959	Ago 13 2017	04:07:17.6	5.66	-74.31	80	1.0	0.2	159	8	OTANCHE (BOYACA)
1960	Ago 13 2017	04:47:28.3	3.94	-74.44	6	1.2	0.2	278	8	CABRERA (CUNDINAMARCA)
1961	Ago 13 2017	04:49:48.8	6.85	-73.08	134	1.5	0.5	248	16	LOS SANTOS (SANTANDER)
1962	Ago 13 2017	05:11:34.7	6.79	-73.04	143	1.5	0.5	247	15	LOS SANTOS (SANTANDER)
1963	Ago 13 2017	05:36:58.7	6.76	-73.12	149	1.6	0.2	236	14	LOS SANTOS (SANTANDER)
1964	Ago 13 2017	06:19: 7.8	7.42	-76.98	14	1.7	0.6	132	19	RIOSUCIO (CHOCO)
1965	Ago 13 2017	07:09: 5.4	7.12	-76.28	12	1.1	0.3	242	8	DABEIBA (ANTIOQUIA)
1966	Ago 13 2017	07:09:20.7	6.82	-73.08	142	1.3	0.4	245	13	LOS SANTOS (SANTANDER)
1967	Ago 13 2017	07:22:41.9	6.78	-73.15	137	1.6	0.6	211	23	LOS SANTOS (SANTANDER)
1968	Ago 13 2017	07:25: 6.0	6.75	-73.05	144	1.5	0.4	244	18	LOS SANTOS (SANTANDER)
1969	Ago 13 2017	07:35: 4.1	3.69	-77.14	12	1.7	0.8	145	26	BUENAVENTURA (VALLE)
1970	Ago 13 2017	07:41:18.2	6.82	-73.11	144	1.2	0.4	243	12	LOS SANTOS (SANTANDER)
1971	Ago 13 2017	07:54:32.3	3.75	-77.11	23	1.3	0.5	158	12	BUENAVENTURA (VALLE)
1972	Ago 13 2017	08:00:40.7	7.14	-76.21	Sup	0.9	0.6	232	8	DABEIBA (ANTIOQUIA)
1973	Ago 13 2017	08:08:23.5	5.28	-73.74	152	1.2	0.6	132	16	CUCUNUBA (CUNDINAMARCA)
1974	Ago 13 2017	08:12: 8.2	6.74	-73.14	141	1.1	0.2	233	8	LOS SANTOS (SANTANDER)
1975	Ago 13 2017	08:48:42.7	4.77	-74.66	6	1.3	0.6	158	14	BELTRAN (CUNDINAMARCA)
1976	Ago 13 2017	08:58:17.5	6.78	-73.13	143	1.1	0.3	238	8	LOS SANTOS (SANTANDER)
1977	Ago 13 2017	09:04:41.7	6.69	-73.30	152	1.0	0.3	176	7	GALAN (SANTANDER)
1978	Ago 13 2017	09:05:32.5	6.80	-73.11	143	1.6	0.5	216	21	LOS SANTOS (SANTANDER)
1979	Ago 13 2017	09:07:42.1	6.89	-73.03	125	1.1	0.4	255	10	PIEDRECUESTA (SANTANDER)
1980	Ago 13 2017	09:25:18.0	6.85	-73.12	149	1.6	0.7	219	22	LOS SANTOS (SANTANDER)
1981	Ago 13 2017	09:58:25.8	6.87	-73.29	121	2.1	0.7	54	34	BETULIA (SANTANDER)
1982	Ago 13 2017	10:26: 0.0	6.87	-73.04	151	1.7	0.4	226	19	PIEDRECUESTA (SANTANDER)
1983	Ago 13 2017	10:30:42.8	5.79	-76.13	20	1.6	0.3	215	8	EL CARMEN (CHOCO)
1984	Ago 13 2017	10:51: 1.3	6.81	-73.10	154	2.0	0.4	115	29	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
1985	Ago 13 2017	11:31:30.7	6.73	-73.17	150	1.4	0.2	229	8	VILLANUEVA (SANTANDER)
1986	Ago 13 2017	11:43:34.1	6.81	-73.14	153	3.8	0.4	55	94	LOS SANTOS (SANTANDER)
1987	Ago 13 2017	11:50:47.5	4.76	-76.30	98	1.4	0.3	184	12	EL CAIRO (VALLE)
1988	Ago 13 2017	12:32:44.4	6.80	-73.13	140	1.4	0.1	239	6	LOS SANTOS (SANTANDER)
1989	Ago 13 2017	12:46:34.6	2.45	-75.51	18	1.4	0.5	149	10	GIGANTE (HUILA)
1990	Ago 13 2017	13:01:39.9	7.26	-76.10	27	1.6	0.2	206	8	DABEIBA (ANTIOQUIA)
1991	Ago 13 2017	13:05:33.8	6.77	-73.10	147	1.8	0.3	239	15	LOS SANTOS (SANTANDER)
1992	Ago 13 2017	13:08:35.0	6.76	-73.16	140	1.4	0.2	241	7	LOS SANTOS (SANTANDER)
1993	Ago 13 2017	13:19:44.0	6.47	-73.26	172	1.4	0.2	140	7	SOCORRO (SANTANDER)
1994	Ago 13 2017	13:22:43.0	1.87	-76.07	18	0.6	0.1	153	7	PITALITO (HUILA)
1995	Ago 13 2017	13:29:34.6	7.04	-73.53	110	1.5	0.3	211	10	SAN VICENTE DE CHUCURI (SANTANDER)
1996	Ago 13 2017	13:45:14.1	6.51	-73.50	110	1.9	0.3	130	12	SIMACOTA (SANTANDER)
1997	Ago 13 2017	14:13:55.2	4.85	-76.32	97	1.3	0.4	196	14	EL CAIRO (VALLE)
1998	Ago 13 2017	14:27:58.6	2.46	-75.42	14	1.7	0.5	92	20	HOBO (HUILA)
1999	Ago 13 2017	14:46:34.5	6.75	-73.11	143	2.0	0.4	210	17	LOS SANTOS (SANTANDER)
2000	Ago 13 2017	15:21:53.0	7.47	-71.98	Sup	4.3*	0.4	126	86	FRONTERA CON VENEZUELA
2001	Ago 13 2017	15:41:41.4	6.76	-73.11	148	1.9	0.5	115	21	LOS SANTOS (SANTANDER)
2002	Ago 13 2017	15:43:59.1	7.50	-72.03	Sup	1.9	0.5	135	16	FRONTERA CON VENEZUELA
2003	Ago 13 2017	16:08: 6.2	6.69	-73.27	145	1.2	0.2	185	7	GALAN (SANTANDER)
2004	Ago 13 2017	16:41:28.7	6.80	-73.12	140	1.8	0.4	114	20	LOS SANTOS (SANTANDER)
2005	Ago 13 2017	17:12:28.1	6.79	-73.11	145	2.5	0.6	100	42	LOS SANTOS (SANTANDER)
2006	Ago 13 2017	18:35:13.2	3.07	-79.10	20	2.1	0.6	286	10	O. PACIFICO SUR
2007	Ago 13 2017	20:36:47.2	7.48	-72.03	Sup	2.8	0.7	122	46	FRONTERA CON VENEZUELA
2008	Ago 13 2017	20:50:34.6	1.91	-75.97	25	1.4	0.1	179	7	TIMANA (HUILA)
2009	Ago 13 2017	21:19:58.5	6.35	-73.57	114	0.8	0.2	96	8	SANTA HELENA DEL OPO (SANTANDER)
2010	Ago 13 2017	21:39:36.9	6.78	-73.92	78	1.4	0.3	85	14	PUERTO PARRA (SANTANDER)
2011	Ago 13 2017	23:00:27.2	4.33	-77.85	27	2.1	0.4	265	14	O. PACIFICO CENTRO
2012	Ago 14 2017	00:20:29.2	6.83	-73.16	145	2.1	0.8	109	30	LOS SANTOS (SANTANDER)
2013	Ago 14 2017	00:42: 0.4	6.79	-73.17	146	1.7	0.5	233	9	LOS SANTOS (SANTANDER)
2014	Ago 14 2017	00:46:55.7	2.41	-75.45	Sup	2.2	0.3	91	28	GIGANTE (HUILA)
2015	Ago 14 2017	01:01:27.7	2.67	-75.72	Sup	2.6	0.6	52	31	IQUIRA (HUILA)
2016	Ago 14 2017	01:25:49.3	2.41	-75.43	6	1.9	0.4	94	25	GIGANTE (HUILA)
2017	Ago 14 2017	01:48:24.4	7.83	-73.25	Sup	1.3	0.5	277	7	SAN ALBERTO (CESAR)
2018	Ago 14 2017	01:50:20.4	2.52	-75.49	14	1.3	0.2	152	10	HOBO (HUILA)
2019	Ago 14 2017	02:13: 7.9	6.62	-72.18	Sup	2.2	0.7	152	25	GUICAN (BOYACA)
2020	Ago 14 2017	02:25:43.9	6.79	-73.12	144	2.0	0.4	100	25	LOS SANTOS (SANTANDER)
2021	Ago 14 2017	02:42:29.1	6.81	-73.13	143	2.1	0.8	66	41	LOS SANTOS (SANTANDER)
2022	Ago 14 2017	02:57:24.2	7.03	-71.81	Sup	2.0	0.5	266	19	FRONTERA CON VENEZUELA
2023	Ago 14 2017	03:13:46.9	5.79	-73.13	Sup	1.0	0.7	119	10	PAIPA (BOYACA)
2024	Ago 14 2017	03:41:37.8	5.39	-76.77	Sup	1.5	0.5	216	15	EL CANTON DEL SAN PABL (CHOCO)
2025	Ago 14 2017	03:44:53.2	6.80	-73.09	153	1.3	0.3	243	9	LOS SANTOS (SANTANDER)
2026	Ago 14 2017	03:45:15.5	5.69	-74.54	20	1.3	0.5	158	20	PUERTO TRIUNFO (ANTIOQUIA)
2027	Ago 14 2017	03:49:14.7	5.39	-76.84	16	0.9	0.4	260	8	EL CANTON DEL SAN PABL (CHOCO)
2028	Ago 14 2017	04:13:27.0	6.77	-73.05	146	1.5	0.3	223	18	LOS SANTOS (SANTANDER)
2029	Ago 14 2017	04:27: 4.8	0.63	-77.85	Sup	2.3	0.4	118	24	FRONTERA CON ECUADOR
2030	Ago 14 2017	05:01:59.5	5.22	-73.72	145	1.0	0.4	137	12	CUCUNUBA (CUNDINAMARCA)
2031	Ago 14 2017	05:16:18.9	6.51	-73.71	94	1.1	0.4	81	12	SANTA HELENA DEL OPO (SANTANDER)
2032	Ago 14 2017	05:19:56.9	6.82	-73.11	149	1.1	0.4	242	9	LOS SANTOS (SANTANDER)
2033	Ago 14 2017	05:34:17.8	6.78	-73.09	140	1.5	0.5	98	18	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2034	Ago 14 2017	06:18: 6.5	5.32	-73.79	132	1.2	0.3	73	17	UBATE (CUNDINAMARCA)
2035	Ago 14 2017	06:59:18.2	5.92	-74.05	90	1.3	0.2	91	11	LA BELLEZA (SANTANDER)
2036	Ago 14 2017	07:16:50.9	7.06	-74.62	52	1.8	0.4	93	23	REMEDIOS (ANTIOQUIA)
2037	Ago 14 2017	07:22:38.3	6.74	-73.14	154	1.2	0.3	233	10	LOS SANTOS (SANTANDER)
2038	Ago 14 2017	08:03:54.2	7.11	-73.04	146	1.8	0.5	62	23	FLORIDABLANCA (SANTANDER)
2039	Ago 14 2017	08:24:23.9	6.02	-76.95	Sup	1.5	0.6	131	17	MEDIO ATRATO (CHOCO)
2040	Ago 14 2017	09:04:19.4	2.96	-74.77	Sup	1.7	0.5	99	25	BARAYA (HUILA)
2041	Ago 14 2017	09:18:12.8	6.38	-73.46	117	2.0	0.6	58	40	CONTRACION (SANTANDER)
2042	Ago 14 2017	09:21: 0.6	6.79	-73.10	150	1.8	0.5	70	26	LOS SANTOS (SANTANDER)
2043	Ago 14 2017	09:32:53.0	2.66	-75.76	Sup	0.8	0.3	138	8	IQUIRA (HUILA)
2044	Ago 14 2017	09:47:46.8	6.08	-73.67	117	1.6	0.4	74	23	CHIPATA (SANTANDER)
2045	Ago 14 2017	10:11:36.3	5.66	-72.67	13	0.7	0.1	139	8	LABRANZAGRANDE (BOYACA)
2046	Ago 14 2017	10:14: 8.4	6.77	-73.14	145	1.2	0.1	236	8	LOS SANTOS (SANTANDER)
2047	Ago 14 2017	10:14:52.9	6.71	-73.14	158	1.3	0.1	231	7	JORDAN (SANTANDER)
2048	Ago 14 2017	10:58:31.6	6.04	-73.66	116	4.3*	0.6	42	111	CHIPATA (SANTANDER)
2049	Ago 14 2017	12:48:33.2	2.45	-75.55	7	1.6	0.2	75	14	GIGANTE (HUILA)
2050	Ago 14 2017	12:48:33.2	2.45	-75.55	7	3.3	0.2	75	14	GIGANTE (HUILA)
2051	Ago 14 2017	13:39:52.6	4.46	-76.18	101	1.9	0.6	150	16	EL DOVIO (VALLE)
2052	Ago 14 2017	13:47:13.3	6.77	-73.13	142	2.2	0.2	138	20	LOS SANTOS (SANTANDER)
2053	Ago 14 2017	14:25:56.9	6.07	-73.70	111	2.0	0.3	64	25	CHIPATA (SANTANDER)
2054	Ago 14 2017	14:42:38.7	6.37	-73.95	86	3.0	0.5	50	61	CIMITARRA (SANTANDER)
2055	Ago 14 2017	14:47:42.6	6.79	-73.14	143	2.6	0.5	100	45	LOS SANTOS (SANTANDER)
2056	Ago 14 2017	15:04:18.3	3.05	-79.04	13	1.6	0.4	301	11	O. PACIFICO SUR
2057	Ago 14 2017	17:09:18.4	9.26	-76.86	59	4.1	0.6	145	92	MAR CARIBE
2058	Ago 14 2017	18:52:38.6	3.37	-74.70	10	2.0	0.5	91	23	COLOMBIA (HUILA)
2059	Ago 14 2017	19:28:20.8	7.19	-74.62	48	1.8	0.3	168	9	SEGOVIA (ANTIOQUIA)
2060	Ago 14 2017	19:38:55.6	3.97	-76.16	134	1.5	0.2	172	8	SAN PEDRO (VALLE)
2061	Ago 14 2017	19:46: 4.7	1.96	-77.99	32	1.7	0.3	157	12	MAGUI (NARINO)
2062	Ago 14 2017	21:41:45.7	4.14	-76.51	64	1.5	0.6	115	18	TRUJILLO (VALLE)
2063	Ago 14 2017	22:04:15.2	9.34	-76.90	54	2.6	0.7	148	37	MAR CARIBE
2064	Ago 14 2017	23:00: 5.0	2.95	-74.75	Sup	2.1	0.6	89	21	BARAYA (HUILA)
2065	Ago 14 2017	23:34:51.9	6.84	-73.12	147	1.9	0.5	112	27	LOS SANTOS (SANTANDER)
2066	Ago 15 2017	00:44:30.6	2.44	-75.51	14	1.6	0.4	76	23	GIGANTE (HUILA)
2067	Ago 15 2017	01:49:53.8	6.87	-73.12	146	1.7	0.5	76	25	LOS SANTOS (SANTANDER)
2068	Ago 15 2017	02:09:18.2	8.18	-75.53	Sup	1.9	0.6	99	26	BUENAVISTA (CORDOBA)
2069	Ago 15 2017	02:33:11.4	6.52	-73.52	108	2.3	0.5	42	48	EL CARMEN (SANTANDER)
2070	Ago 15 2017	03:33:43.1	6.78	-73.13	147	1.4	0.4	237	9	LOS SANTOS (SANTANDER)
2071	Ago 15 2017	03:37: 8.1	6.81	-73.14	142	2.6	0.6	65	52	LOS SANTOS (SANTANDER)
2072	Ago 15 2017	03:57: 8.6	6.79	-73.07	145	1.6	0.5	218	20	LOS SANTOS (SANTANDER)
2073	Ago 15 2017	04:00:42.9	6.76	-73.13	145	1.4	0.4	140	14	LOS SANTOS (SANTANDER)
2074	Ago 15 2017	04:14:36.0	5.91	-73.73	108	1.1	0.2	146	8	GUAVATA (SANTANDER)
2075	Ago 15 2017	05:02:40.9	6.78	-73.13	143	1.4	0.3	212	14	LOS SANTOS (SANTANDER)
2076	Ago 15 2017	05:07:11.3	5.83	-72.99	Sup	0.7	0.2	166	8	DUITAMA (BOYACA)
2077	Ago 15 2017	06:21: 8.5	6.81	-73.12	142	1.8	0.5	114	30	LOS SANTOS (SANTANDER)
2078	Ago 15 2017	07:56:32.8	6.68	-77.65	Sup	1.7	0.2	190	8	O. PACIFICO NORTE
2079	Ago 15 2017	07:57:24.9	7.41	-72.07	Sup	1.8	0.7	191	20	FRONTERA CON VENEZUELA
2080	Ago 15 2017	08:08:20.8	6.87	-73.40	106	1.2	0.3	196	8	SAN VICENTE DE CHUCURI (SANTANDER)
2081	Ago 15 2017	08:14:25.7	7.08	-76.09	Sup	1.3	0.2	161	8	DABEIBA (ANTIOQUIA)
2082	Ago 15 2017	08:24:32.2	3.59	-76.71	69	1.2	0.5	105	14	DAGUA (VALLE)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2083	Ago 15 2017	08:37:46.0	6.89	-73.06	145	1.1	0.5	142	9	PIEDRECUESTA (SANTANDER)
2084	Ago 15 2017	09:09:39.1	6.75	-73.14	136	1.3	0.3	139	12	LOS SANTOS (SANTANDER)
2085	Ago 15 2017	10:28:49.7	9.23	-74.01	70	2.1	0.3	170	12	CHIMICHAGUA (CESAR)
2086	Ago 15 2017	10:46:43.5	7.69	-73.44	107	2.7	0.5	110	52	SAN ALBERTO (CESAR)
2087	Ago 15 2017	10:57:28.8	4.14	-76.60	91	2.0	0.3	75	20	CALIMA (VALLE)
2088	Ago 15 2017	14:45: 8.0	6.96	-73.00	163	2.7	0.5	74	56	PIEDRECUESTA (SANTANDER)
2089	Ago 15 2017	15:17:42.7	3.90	-76.27	113	1.7	0.4	112	13	BUGA (VALLE)
2090	Ago 15 2017	18:54:17.9	1.85	-76.07	21	1.0	0.1	176	6	PITALITO (HUILA)
2091	Ago 15 2017	19:41: 4.9	5.00	-75.36	Sup	1.3	0.6	166	8	VILLAMARIA (CALDAS)
2092	Ago 15 2017	20:26:32.2	6.78	-73.13	141	1.9	0.2	139	15	LOS SANTOS (SANTANDER)
2093	Ago 15 2017	20:37:16.4	4.02	-74.06	Sup	1.4	0.4	236	11	GUTIERREZ (CUNDINAMARCA)
2094	Ago 15 2017	20:37:47.5	6.79	-73.12	147	1.9	0.2	139	14	LOS SANTOS (SANTANDER)
2095	Ago 15 2017	20:41:35.0	6.81	-73.14	144	1.6	0.3	136	8	LOS SANTOS (SANTANDER)
2096	Ago 15 2017	21:43:33.2	6.80	-73.12	149	1.6	0.2	139	12	LOS SANTOS (SANTANDER)
2097	Ago 15 2017	22:53:13.8	2.35	-75.53	11	1.6	0.5	71	19	GIGANTE (HUILA)
2098	Ago 15 2017	22:53:31.2	6.72	-73.15	146	1.6	0.1	231	7	JORDAN (SANTANDER)
2099	Ago 15 2017	23:07:35.0	6.80	-73.10	145	1.7	0.5	242	11	LOS SANTOS (SANTANDER)
2100	Ago 16 2017	00:08: 5.8	5.23	-73.73	146	1.5	0.3	69	16	CUCUNUBA (CUNDINAMARCA)
2101	Ago 16 2017	00:51: 2.7	2.27	-75.68	10	1.1	0.3	97	11	AGRADO (HUILA)
2102	Ago 16 2017	02:53:21.6	6.82	-73.09	143	1.1	0.3	142	8	LOS SANTOS (SANTANDER)
2103	Ago 16 2017	03:06: 0.4	6.77	-73.08	138	1.4	0.4	167	12	LOS SANTOS (SANTANDER)
2104	Ago 16 2017	03:24:23.5	6.83	-73.13	145	2.1	0.5	66	41	LOS SANTOS (SANTANDER)
2105	Ago 16 2017	04:49:34.6	3.93	-76.30	120	1.3	0.4	114	15	BUGA (VALLE)
2106	Ago 16 2017	05:43: 8.8	6.80	-73.15	142	2.1	0.5	65	40	LOS SANTOS (SANTANDER)
2107	Ago 16 2017	06:35:12.6	4.71	-74.83	10	1.1	0.5	144	15	VENADILLO (TOLIMA)
2108	Ago 16 2017	06:40: 1.7	4.71	-74.83	Sup	0.6	0.4	144	13	VENADILLO (TOLIMA)
2109	Ago 16 2017	06:44:37.1	4.36	-73.67	Sup	2.1	0.6	171	54	EL CALVARIO (META)
2110	Ago 16 2017	06:47:20.4	6.82	-73.16	144	2.5	0.5	64	54	LOS SANTOS (SANTANDER)
2111	Ago 16 2017	06:50:40.1	6.79	-73.06	145	1.1	0.3	245	7	LOS SANTOS (SANTANDER)
2112	Ago 16 2017	07:05:39.7	0.95	-78.20	Sup	1.8	0.7	172	26	FRONTERA CON ECUADOR
2113	Ago 16 2017	07:25:44.8	8.06	-72.92	170	1.7	0.4	199	17	BUCARASICA (N.SANTANDER)
2114	Ago 16 2017	07:27:54.0	6.78	-73.11	144	1.3	0.3	122	13	LOS SANTOS (SANTANDER)
2115	Ago 16 2017	07:31: 2.0	7.10	-73.40	103	1.5	0.5	147	18	LEBRIJA (SANTANDER)
2116	Ago 16 2017	08:05:17.8	8.72	-74.35	9	1.6	0.4	123	16	TIQUISIO (BOLIVAR)
2117	Ago 16 2017	09:05:54.0	6.51	-73.67	99	1.4	0.3	68	18	SANTA HELENA DEL OPO (SANTANDER)
2118	Ago 16 2017	09:19:13.9	4.27	-76.32	129	1.4	0.4	172	18	TRUJILLO (VALLE)
2119	Ago 16 2017	09:34:16.0	6.83	-73.04	147	1.3	0.2	250	8	LOS SANTOS (SANTANDER)
2120	Ago 16 2017	09:39:37.7	6.76	-73.15	168	1.4	0.4	234	8	LOS SANTOS (SANTANDER)
2121	Ago 16 2017	10:21:10.4	6.77	-73.12	136	1.3	0.3	140	11	LOS SANTOS (SANTANDER)
2122	Ago 16 2017	10:26:34.2	6.68	-73.31	123	0.9	0.1	170	7	GALAN (SANTANDER)
2123	Ago 16 2017	10:38:15.1	5.01	-78.41	60	2.9	0.4	161	70	O. PACIFICO CENTRO
2124	Ago 16 2017	10:40:42.6	4.40	-76.04	62	1.3	0.3	120	13	ZARZAL (VALLE)
2125	Ago 16 2017	10:46: 1.3	5.94	-72.46	Sup	2.1	0.6	115	18	SOCOTA (BOYACA)
2126	Ago 16 2017	10:57:42.8	6.79	-73.29	120	1.6	0.2	199	9	ZAPATOCA (SANTANDER)
2127	Ago 16 2017	11:15:17.4	6.77	-73.13	140	1.7	0.3	114	18	LOS SANTOS (SANTANDER)
2128	Ago 16 2017	11:45:28.2	2.47	-75.63	Sup	1.3	0.4	194	8	TESALIA (HUILA)
2129	Ago 16 2017	13:47:24.4	6.78	-73.16	138	1.8	0.4	111	17	LOS SANTOS (SANTANDER)
2130	Ago 16 2017	14:57:28.3	9.55	-73.39	10	1.4	0.7	128	13	LA JAGUA DE IBIRICO (CESAR)
2131	Ago 16 2017	16:40:48.9	6.80	-73.12	149	2.0	0.5	121	22	LOS SANTOS (SANTANDER)
2132	Ago 16 2017	18:29: 4.0	4.76	-76.21	97	1.4	0.2	144	10	EL CAIRO (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2133	Ago 16 2017	19:04:42.7	6.81	-73.13	145	1.7	0.2	138	12	LOS SANTOS (SANTANDER)
2134	Ago 16 2017	19:20: 8.0	5.44	-76.97	9	1.5	0.4	290	9	ALTO BAUDO (CHOCO)
2135	Ago 16 2017	19:27: 8.9	6.74	-73.02	148	1.3	0.4	155	8	ARATOCA (SANTANDER)
2136	Ago 16 2017	21:03:17.3	6.85	-73.09	152	2.2	0.6	115	27	LOS SANTOS (SANTANDER)
2137	Ago 16 2017	22:04:25.7	5.85	-74.83	Sup	1.3	0.2	251	8	PUERTO TRIUNFO (ANTIOQUIA)
2138	Ago 16 2017	23:26:44.2	6.80	-73.12	138	2.1	0.5	114	28	LOS SANTOS (SANTANDER)
2139	Ago 17 2017	00:13:15.3	6.70	-73.48	108	1.3	0.3	138	8	EL CARMEN (SANTANDER)
2140	Ago 17 2017	00:20:41.8	4.74	-74.85	Sup	1.0	0.4	183	10	VENADILLO (TOLIMA)
2141	Ago 17 2017	00:34:37.3	6.66	-74.17	16	1.4	0.4	86	11	PUERTO PARRA (SANTANDER)
2142	Ago 17 2017	01:00:22.4	6.79	-73.11	145	1.3	0.4	241	8	LOS SANTOS (SANTANDER)
2143	Ago 17 2017	01:14:42.3	6.73	-73.13	148	1.4	0.2	141	9	LOS SANTOS (SANTANDER)
2144	Ago 17 2017	01:32:52.8	6.76	-73.12	142	1.6	0.3	141	9	LOS SANTOS (SANTANDER)
2145	Ago 17 2017	01:43:54.9	3.30	-74.35	Sup	2.0	0.4	131	31	URIBE (META)
2146	Ago 17 2017	02:25:29.1	1.86	-76.01	17	0.9	0.2	166	8	PITALITO (HUILA)
2147	Ago 17 2017	04:13:33.7	6.78	-73.14	145	1.4	0.3	137	11	LOS SANTOS (SANTANDER)
2148	Ago 17 2017	04:29:26.4	6.76	-73.20	146	1.0	0.2	131	8	ZAPATOCA (SANTANDER)
2149	Ago 17 2017	05:34:27.3	6.71	-73.24	138	1.1	0.2	204	8	VILLANUEVA (SANTANDER)
2150	Ago 17 2017	05:40:32.3	6.78	-73.12	135	1.7	0.5	114	23	LOS SANTOS (SANTANDER)
2151	Ago 17 2017	06:28: 4.4	6.79	-73.13	138	2.2	0.5	113	42	LOS SANTOS (SANTANDER)
2152	Ago 17 2017	06:52:52.2	6.49	-76.78	18	1.4	0.4	140	13	VIGIA DEL FUERTE (ANTIOQUIA)
2153	Ago 17 2017	07:32:28.8	2.41	-75.54	Sup	1.7	0.3	72	29	GIGANTE (HUILA)
2154	Ago 17 2017	07:37:22.3	5.24	-73.72	144	2.1	0.4	58	35	CUCUNUBA (CUNDINAMARCA)
2155	Ago 17 2017	08:03:36.5	6.78	-73.14	142	1.5	0.4	120	24	LOS SANTOS (SANTANDER)
2156	Ago 17 2017	08:12:15.2	6.98	-73.45	10	1.1	0.5	210	10	SAN VICENTE DE CHUCURI (SANTANDER)
2157	Ago 17 2017	08:26:37.5	6.42	-73.74	100	1.3	0.3	111	10	SANTA HELENA DEL OPON (SANTANDER)
2158	Ago 17 2017	08:29: 1.0	6.76	-73.18	144	1.1	0.2	134	8	LOS SANTOS (SANTANDER)
2159	Ago 17 2017	09:11:53.3	6.81	-76.57	21	2.0	0.6	110	40	MURINDO (ANTIOQUIA)
2160	Ago 17 2017	09:39:46.6	4.80	-73.27	15	1.5	0.6	131	18	SANTA MARIA (BOYACA)
2161	Ago 17 2017	09:41:40.8	6.81	-73.14	149	1.6	0.3	111	13	LOS SANTOS (SANTANDER)
2162	Ago 17 2017	11:40:27.6	6.79	-73.13	145	1.6	0.2	138	13	LOS SANTOS (SANTANDER)
2163	Ago 17 2017	11:42:38.0	6.35	-73.58	113	1.7	0.4	74	20	SANTA HELENA DEL OPON (SANTANDER)
2164	Ago 17 2017	11:50:57.7	4.68	-73.21	Sup	1.5	0.5	80	18	SAN LUIS DE GACENO (BOYACA)
2165	Ago 17 2017	11:55:38.3	6.76	-73.09	150	1.3	0.2	145	7	LOS SANTOS (SANTANDER)
2166	Ago 17 2017	12:10:23.9	6.78	-73.11	151	1.3	0.2	141	9	LOS SANTOS (SANTANDER)
2167	Ago 17 2017	13:53:27.4	2.45	-75.53	Sup	2.3	0.6	64	43	GIGANTE (HUILA)
2168	Ago 17 2017	14:02:55.3	6.42	-74.43	Sup	1.4	0.6	80	18	PUERTO BERRIO (ANTIOQUIA)
2169	Ago 17 2017	14:06:39.6	5.94	-72.51	Sup	1.1	0.2	111	9	SOCOTA (BOYACA)
2170	Ago 17 2017	15:40: 0.4	6.77	-73.07	144	1.5	0.3	126	13	LOS SANTOS (SANTANDER)
2171	Ago 17 2017	16:51:21.6	3.30	-76.84	83	1.3	0.4	209	8	JAMUNDI (VALLE)
2172	Ago 17 2017	17:19:41.8	6.75	-73.13	138	1.4	0.2	140	11	LOS SANTOS (SANTANDER)
2173	Ago 17 2017	18:00:26.6	6.80	-73.11	144	1.7	0.5	140	17	LOS SANTOS (SANTANDER)
2174	Ago 17 2017	18:08: 9.4	4.46	-75.28	12	0.8	0.2	131	8	IBAGUE (TOLIMA)
2175	Ago 17 2017	19:38:33.7	5.66	-73.98	114	1.8	0.5	91	27	PAUNA (BOYACA)
<u>2176</u>	<u>Ago 17 2017</u>	<u>21:03:50.4</u>	<u>6.81</u>	<u>-73.14</u>	<u>152</u>	<u>4.2*</u>	<u>0.6</u>	<u>55</u>	<u>89</u>	<u>LOS SANTOS (SANTANDER)</u>
2177	Ago 17 2017	21:09: 8.8	6.83	-73.14	145	2.8	0.6	65	39	LOS SANTOS (SANTANDER)
2178	Ago 17 2017	21:13:44.9	2.40	-75.63	10	1.8	0.4	114	18	GIGANTE (HUILA)
2179	Ago 17 2017	21:45:47.9	5.80	-74.89	Sup	1.3	0.7	146	11	NORCASIA (CALDAS)
2180	Ago 17 2017	22:11: 1.7	6.79	-73.10	145	1.3	0.2	143	7	LOS SANTOS (SANTANDER)
2181	Ago 17 2017	23:48:12.5	6.74	-73.09	142	1.6	0.4	146	9	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2182	Ago 18 2017	00:42:16.8	6.36	-73.63	101	1.7	0.3	64	25	SANTA HELENA DEL OPON (SANTANDER)
2183	Ago 18 2017	01:04:21.3	6.80	-73.05	147	1.5	0.3	247	8	LOS SANTOS (SANTANDER)
2184	Ago 18 2017	01:17:30.9	6.78	-73.08	140	1.3	0.6	145	8	LOS SANTOS (SANTANDER)
2185	Ago 18 2017	01:21:39.4	4.88	-73.80	24	1.2	0.7	236	7	GUATAVITA (CUNDINAMARCA)
2186	Ago 18 2017	01:42: 9.0	6.82	-73.13	142	1.7	0.2	112	15	LOS SANTOS (SANTANDER)
2187	Ago 18 2017	01:56:27.2	1.05	-76.75	Sup	1.2	0.4	222	14	VILLAGARZON (PUTUMAYO)
2188	Ago 18 2017	02:04:53.2	6.80	-73.13	140	1.6	0.3	138	13	LOS SANTOS (SANTANDER)
2189	Ago 18 2017	02:07:42.3	6.78	-73.08	145	2.0	0.4	119	33	LOS SANTOS (SANTANDER)
2190	Ago 18 2017	02:50:54.1	6.75	-73.07	142	1.5	0.4	220	13	LOS SANTOS (SANTANDER)
2191	Ago 18 2017	03:09:40.3	6.75	-73.11	138	2.0	0.3	142	14	LOS SANTOS (SANTANDER)
2192	Ago 18 2017	03:26:13.1	3.32	-76.52	116	0.6	0.4	140	10	JAMUNDI (VALLE)
2193	Ago 18 2017	03:40:18.9	4.44	-75.74	150	1.5	0.5	104	15	LA TEBAIDA (QUINDIO)
2194	Ago 18 2017	03:47: 2.8	10.74	-73.99	21	1.6	0.3	98	13	PUEBLO BELLO (CESAR)
2195	Ago 18 2017	04:01: 0.6	2.72	-79.47	8	1.7	0.2	303	13	O. PACIFICO SUR
2196	Ago 18 2017	04:11:23.9	6.79	-73.13	142	2.3	0.4	75	47	LOS SANTOS (SANTANDER)
2197	Ago 18 2017	04:23:10.3	2.46	-75.60	Sup	1.3	0.3	127	18	GIGANTE (HUILA)
2198	Ago 18 2017	04:45:14.7	6.80	-73.16	147	1.3	0.2	135	10	LOS SANTOS (SANTANDER)
2199	Ago 18 2017	05:14:53.1	4.66	-73.45	76	0.9	0.4	154	8	GACHALA (CUNDINAMARCA)
2200	Ago 18 2017	05:26:18.9	7.06	-74.89	9	1.4	0.4	149	11	SEGOVIA (ANTIOQUIA)
2201	Ago 18 2017	05:54:22.2	6.81	-73.08	142	1.2	0.5	144	10	LOS SANTOS (SANTANDER)
2202	Ago 18 2017	06:05:11.6	6.79	-73.10	149	1.8	0.3	116	24	LOS SANTOS (SANTANDER)
2203	Ago 18 2017	06:18:38.0	6.76	-73.08	144	1.8	0.4	126	24	LOS SANTOS (SANTANDER)
2204	Ago 18 2017	06:51:48.7	6.79	-73.09	140	2.7	0.6	56	56	LOS SANTOS (SANTANDER)
2205	Ago 18 2017	07:30:37.0	6.79	-73.17	141	1.4	0.4	133	12	LOS SANTOS (SANTANDER)
2206	Ago 18 2017	07:40:44.7	6.81	-73.17	151	1.4	0.3	132	9	ZAPATOCA (SANTANDER)
2207	Ago 18 2017	07:54:42.6	6.87	-73.29	120	1.1	0.1	124	8	BETULIA (SANTANDER)
2208	Ago 18 2017	07:56: 4.5	6.16	-73.71	108	1.8	0.5	41	33	LANDAZURI (SANTANDER)
2209	Ago 18 2017	08:20:16.3	4.40	-76.20	97	2.1	0.6	92	49	ROLDANILLO (VALLE)
2210	Ago 18 2017	09:34:49.9	6.78	-73.15	145	1.6	0.4	137	18	LOS SANTOS (SANTANDER)
2211	Ago 18 2017	10:00:40.3	5.24	-72.73	Sup	1.1	0.4	93	11	RECETOR (CASANARE)
2212	Ago 18 2017	10:30:23.7	6.80	-73.11	145	1.9	0.4	115	25	LOS SANTOS (SANTANDER)
2213	Ago 18 2017	10:40:59.7	6.25	-73.57	50	3.7*	0.5	41	94	LA PAZ (SANTANDER)
2214	Ago 18 2017	11:23:45.7	6.78	-73.09	150	1.5	0.4	124	16	LOS SANTOS (SANTANDER)
2215	Ago 18 2017	11:37:39.1	10.31	-74.81	25	2.2	0.5	173	21	CONCORDIA (MAGDALENA)
2216	Ago 18 2017	12:01:52.9	6.76	-73.09	143	1.6	0.4	145	14	LOS SANTOS (SANTANDER)
2217	Ago 18 2017	12:14:16.6	6.23	-73.59	52	1.7	0.3	96	18	LA PAZ (SANTANDER)
2218	Ago 18 2017	12:24:27.4	6.77	-73.08	148	1.6	0.3	242	8	LOS SANTOS (SANTANDER)
2219	Ago 18 2017	13:02: 5.7	6.79	-73.58	18	1.5	0.4	80	15	EL CARMEN (SANTANDER)
2220	Ago 18 2017	13:07:38.0	5.25	-73.74	144	2.5	0.6	54	44	CUCUNUBA (CUNDINAMARCA)
2221	Ago 18 2017	14:20:56.2	6.79	-73.10	139	2.0	0.3	99	15	LOS SANTOS (SANTANDER)
2222	Ago 18 2017	14:57:33.6	3.20	-79.29	Sup	1.6	0.5	308	8	O. PACIFICO SUR
2223	Ago 18 2017	16:09:32.7	7.01	-76.54	12	2.0	0.5	285	16	MURINDO (ANTIOQUIA)
2224	Ago 18 2017	16:36:54.0	6.79	-73.11	138	1.2	0.2	141	7	LOS SANTOS (SANTANDER)
2225	Ago 18 2017	16:42:51.6	4.48	-74.81	32	1.2	0.3	188	12	GUATAQUI (CUNDINAMARCA)
2226	Ago 18 2017	17:24:42.5	7.05	-76.40	Sup	2.1	0.5	139	15	DABEIBA (ANTIOQUIA)
2227	Ago 18 2017	17:58:54.4	6.78	-73.12	143	1.4	0.4	115	13	LOS SANTOS (SANTANDER)
2228	Ago 18 2017	18:27:59.6	3.23	-76.62	22	1.8	0.6	74	22	JAMUNDI (VALLE)
2229	Ago 18 2017	19:29:47.4	6.76	-73.12	142	1.8	0.4	141	16	LOS SANTOS (SANTANDER)
2230	Ago 18 2017	19:54:26.8	7.94	-73.94	12	1.8	0.6	213	16	SIMITI (BOLIVAR)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2231	Ago 18 2017	20:04:26.7	4.91	-72.81	Sup	1.7	0.9	151	16	MONTERREY (CASANARE)
2232	Ago 18 2017	20:05:41.4	5.02	-72.69	Sup	1.3	0.7	188	8	TAURAMENA (CASANARE)
2233	Ago 18 2017	20:50:33.3	9.27	-76.55	54	2.6	0.4	254	19	MAR CARIBE
2234	Ago 18 2017	21:01:21.6	7.07	-76.45	Sup	1.4	0.6	264	10	MUTATA (ANTIOQUIA)
2235	Ago 18 2017	21:15:36.1	4.40	-76.21	130	1.4	0.3	154	9	ROLDANILLO (VALLE)
2236	Ago 18 2017	21:27:27.7	6.62	-73.22	133	1.7	0.5	91	17	BARICHARA (SANTANDER)
2237	Ago 18 2017	21:55:23.1	6.74	-73.16	149	1.3	0.2	137	9	LOS SANTOS (SANTANDER)
2238	Ago 18 2017	22:35:15.1	6.79	-73.13	144	1.6	0.5	138	12	LOS SANTOS (SANTANDER)
2239	Ago 18 2017	22:38:20.5	6.78	-73.10	143	1.6	0.2	142	7	LOS SANTOS (SANTANDER)
2240	Ago 18 2017	22:45: 1.6	6.81	-73.14	145	2.1	0.4	112	29	LOS SANTOS (SANTANDER)
2241	Ago 18 2017	23:13:42.2	5.48	-73.01	51	0.9	0.4	155	8	PESCA (BOYACA)
2242	Ago 18 2017	23:49: 5.6	3.72	-75.75	21	1.2	0.3	114	12	RIOBLANCO (TOLIMA)
2243	Ago 19 2017	00:34:50.5	8.24	-72.89	156	1.8	0.4	182	11	SARDINATA (N.SANTANDER)
2244	Ago 19 2017	00:58: 9.8	6.77	-73.09	145	1.7	0.6	124	17	LOS SANTOS (SANTANDER)
2245	Ago 19 2017	00:58: 9.5	6.77	-73.10	147	1.8	0.5	123	18	LOS SANTOS (SANTANDER)
2246	Ago 19 2017	02:31:53.1	6.80	-73.12	144	1.2	0.2	139	10	LOS SANTOS (SANTANDER)
2247	Ago 19 2017	02:36:59.1	6.75	-73.10	147	1.3	0.3	144	8	LOS SANTOS (SANTANDER)
2248	Ago 19 2017	03:19: 3.1	6.64	-71.65	13	1.3	0.4	266	11	FORTUL (ARAUCA)
2249	Ago 19 2017	03:32: 2.4	6.81	-73.11	145	1.0	0.3	140	8	LOS SANTOS (SANTANDER)
2250	Ago 19 2017	04:04:46.8	6.76	-73.10	137	1.5	0.3	144	9	LOS SANTOS (SANTANDER)
2251	Ago 19 2017	04:19:44.9	6.76	-73.12	144	1.6	0.3	140	12	LOS SANTOS (SANTANDER)
2252	Ago 19 2017	04:27:37.6	4.52	-75.65	10	1.5	0.3	81	15	CALARCA (QUINDIO)
2253	Ago 19 2017	05:43:57.1	6.78	-73.13	141	2.1	0.5	71	37	LOS SANTOS (SANTANDER)
2254	Ago 19 2017	06:06: 0.1	3.46	-76.88	114	1.2	0.4	188	15	DAGUA (VALLE)
2255	Ago 19 2017	06:12:17.1	10.34	-73.54	81	1.9	0.3	96	17	PUEBLO BELLO (CESAR)
2256	Ago 19 2017	06:14:19.9	6.78	-73.12	136	1.3	0.3	140	8	LOS SANTOS (SANTANDER)
2257	Ago 19 2017	06:16: 9.5	5.70	-72.56	Sup	1.2	0.4	183	10	PISVA (BOYACA)
2258	Ago 19 2017	06:29: 0.5	5.45	-73.85	140	1.2	0.3	253	10	SUSA (CUNDINAMARCA)
2259	Ago 19 2017	07:36:58.7	5.19	-76.71	22	1.3	0.6	159	15	ISTMINA (CHOCO)
2260	Ago 19 2017	07:37:42.1	6.80	-73.11	144	1.9	0.3	141	15	LOS SANTOS (SANTANDER)
2261	Ago 19 2017	07:51:39.5	4.42	-75.65	Sup	1.0	0.3	166	10	CORDOBA (QUINDIO)
2262	Ago 19 2017	09:14:11.9	3.96	-76.28	116	1.1	0.3	183	8	SAN PEDRO (VALLE)
2263	Ago 19 2017	09:24:49.4	6.66	-73.28	146	1.2	0.3	170	9	GALAN (SANTANDER)
2264	Ago 19 2017	11:00:49.9	5.01	-74.81	13	1.3	0.5	120	15	ARMERO (TOLIMA)
2265	Ago 19 2017	11:09: 9.1	6.96	-77.72	Sup	2.0	0.4	160	18	O. PACIFICO NORTE
2266	Ago 19 2017	11:36:42.3	6.78	-73.14	145	1.8	0.3	99	21	LOS SANTOS (SANTANDER)
2267	Ago 19 2017	12:23:27.7	7.14	-77.91	38	2.0	0.8	166	10	O. PACIFICO NORTE
2268	Ago 19 2017	12:24: 5.2	1.61	-76.82	Sup	0.8	0.5	203	14	LA CRUZ (NARINO)
2269	Ago 19 2017	12:47:40.3	6.79	-73.13	142	2.2	0.7	66	36	LOS SANTOS (SANTANDER)
2270	Ago 19 2017	13:01:53.5	6.21	-74.14	Sup	1.5	0.5	116	13	CIMITARRA (SANTANDER)
2271	Ago 19 2017	14:34:41.0	10.53	-72.94	113	1.4	0.3	163	8	MANAURE BALCON CESAR (CESAR)
2272	Ago 19 2017	15:09:12.4	6.79	-73.11	144	1.5	0.4	141	10	LOS SANTOS (SANTANDER)
2273	Ago 19 2017	15:13:49.4	6.78	-73.11	142	1.7	0.4	115	17	LOS SANTOS (SANTANDER)
2274	Ago 19 2017	15:21:15.2	6.77	-73.10	139	1.6	0.2	143	12	LOS SANTOS (SANTANDER)
2275	Ago 19 2017	15:26:54.6	4.96	-74.70	Sup	1.5	0.5	80	21	CHAGUANI (CUNDINAMARCA)
2276	Ago 19 2017	15:50:22.6	6.79	-73.10	142	1.5	0.3	143	11	LOS SANTOS (SANTANDER)
2277	Ago 19 2017	16:35:32.1	6.77	-73.13	137	1.1	0.3	139	9	LOS SANTOS (SANTANDER)
2278	Ago 19 2017	16:50:13.0	6.80	-73.16	144	1.0	0.2	134	7	LOS SANTOS (SANTANDER)
2279	Ago 19 2017	17:27:32.7	6.80	-73.13	142	2.0	0.6	101	33	LOS SANTOS (SANTANDER)
2280	Ago 19 2017	17:35:40.4	1.42	-75.66	8	1.0	0.1	294	9	MORELIA (CAQUETA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2281	Ago 19 2017	17:39:48.7	7.00	-73.34	114	1.4	0.5	134	13	BETULIA (SANTANDER)
2282	Ago 19 2017	18:32: 1.4	4.35	-75.33	8	1.2	0.4	124	18	CAJAMARCA (TOLIMA)
2283	Ago 19 2017	18:40: 4.6	2.44	-75.49	8	1.4	0.4	90	16	GIGANTE (HUILA)
2284	Ago 19 2017	18:45:17.7	7.16	-73.31	119	1.1	0.4	171	8	LEBRIJA (SANTANDER)
2285	Ago 19 2017	18:50:56.0	6.73	-73.11	144	1.3	0.3	143	10	JORDAN (SANTANDER)
2286	Ago 19 2017	19:07:46.5	4.99	-74.68	20	1.1	0.5	128	12	CHAGUANI (CUNDINAMARCA)
2287	Ago 19 2017	19:27:43.7	6.77	-73.14	144	1.6	0.3	138	13	LOS SANTOS (SANTANDER)
2288	Ago 19 2017	19:28:30.3	6.74	-73.09	141	1.5	0.4	145	13	JORDAN (SANTANDER)
2289	Ago 19 2017	19:41:11.6	6.58	-73.52	111	1.6	0.4	71	12	EL CARMEN (SANTANDER)
2290	Ago 19 2017	20:00:27.8	5.61	-73.94	108	1.5	0.4	96	19	PAUNA (BOYACA)
2291	Ago 19 2017	20:11:34.2	6.79	-73.15	135	1.7	0.6	136	15	LOS SANTOS (SANTANDER)
2292	Ago 19 2017	20:23:37.7	7.18	-76.22	Sup	1.7	0.6	235	14	DABEIBA (ANTIOQUIA)
2293	Ago 19 2017	20:59: 0.9	6.29	-74.45	Sup	2.2	0.6	61	33	PUERTO NARE (ANTIOQUIA)
2294	Ago 19 2017	21:08:43.7	2.40	-75.62	Sup	1.4	0.3	134	11	GIGANTE (HUILA)
2295	Ago 20 2017	00:14:38.1	3.86	-71.54	Sup	3.5	0.4	225	70	PUERTO GAITAN (META)
2296	Ago 20 2017	00:27: 5.6	3.78	-71.68	Sup	1.4	0.6	316	8	PUERTO GAITAN (META)
2297	Ago 20 2017	00:46: 9.3	3.88	-71.63	Sup	1.9	0.5	280	13	PUERTO GAITAN (META)
2298	Ago 20 2017	01:38:44.3	5.24	-73.72	145	2.2	0.5	55	45	CUCUNUBA (CUNDINAMARCA)
2299	Ago 20 2017	01:43: 9.1	6.83	-73.08	145	1.7	0.5	143	20	LOS SANTOS (SANTANDER)
2300	Ago 20 2017	01:45:38.2	6.76	-73.11	138	1.9	0.3	96	26	LOS SANTOS (SANTANDER)
2301	Ago 20 2017	01:47: 7.1	3.99	-76.86	44	1.1	0.3	120	8	BUENAVENTURA (VALLE)
2302	Ago 20 2017	01:56:25.8	3.13	-75.94	Sup	1.1	0.4	139	9	MIRANDA (CAUCA)
2303	Ago 20 2017	03:27:16.1	4.79	-76.24	97	1.6	0.4	149	18	EL CAIRO (VALLE)
2304	Ago 20 2017	03:34:54.7	3.90	-71.63	Sup	1.8	0.5	316	7	PUERTO GAITAN (META)
2305	Ago 20 2017	03:44:13.2	6.75	-73.13	140	1.4	0.3	235	9	LOS SANTOS (SANTANDER)
2306	Ago 20 2017	04:03:10.8	6.84	-73.33	113	1.1	0.3	202	7	ZAPATOCA (SANTANDER)
2307	Ago 20 2017	04:15:22.1	6.78	-73.09	134	1.1	0.3	242	8	LOS SANTOS (SANTANDER)
2308	Ago 20 2017	05:32:57.7	6.76	-73.15	143	1.5	0.4	137	12	LOS SANTOS (SANTANDER)
2309	Ago 20 2017	05:34: 1.2	5.85	-72.43	Sup	2.0	0.4	122	21	PISVA (BOYACA)
2310	Ago 20 2017	06:07:54.3	5.26	-73.74	151	3.0	0.6	39	71	CUCUNUBA (CUNDINAMARCA)
2311	Ago 20 2017	06:19:40.7	7.19	-73.17	Sup	1.5	0.6	153	14	RIONEGRO (SANTANDER)
2312	Ago 20 2017	06:22:24.0	6.50	-73.54	144	1.2	0.4	96	10	SANTA HELENA DEL OPO (SANTANDER)
2313	Ago 20 2017	06:36: 5.1	6.77	-72.01	Sup	1.6	0.5	196	17	SARAVENA (ARAUCA)
2314	Ago 20 2017	06:45:50.6	9.00	-75.08	Sup	2.6	0.6	90	42	SAN BENITO ABAD (SUCRE)
2315	Ago 20 2017	07:12:35.3	6.79	-73.08	154	1.1	0.4	145	15	LOS SANTOS (SANTANDER)
2316	Ago 20 2017	08:07:45.4	1.67	-76.56	Sup	0.6	0.3	145	16	SANTA ROSA (CAUCA)
2317	Ago 20 2017	08:33:30.0	6.08	-73.69	106	1.0	0.2	114	12	CHIPATA (SANTANDER)
2318	Ago 20 2017	09:37: 2.7	6.80	-73.12	145	1.8	0.6	114	30	LOS SANTOS (SANTANDER)
2319	Ago 20 2017	09:46:55.9	6.77	-73.11	137	1.4	0.3	141	14	LOS SANTOS (SANTANDER)
2320	Ago 20 2017	09:56:51.2	6.82	-73.10	148	1.4	0.4	141	12	LOS SANTOS (SANTANDER)
2321	Ago 20 2017	10:10:20.9	1.85	-76.02	Sup	1.1	0.4	119	21	PITALITO (HUILA)
2322	Ago 20 2017	10:51:19.5	2.20	-76.47	Sup	1.0	0.5	116	10	PURACE (CAUCA)
2323	Ago 20 2017	10:59:43.2	4.49	-73.59	Sup	2.0	0.7	85	32	SAN JUANITO (META)
2324	Ago 20 2017	11:06:59.0	6.79	-73.12	146	1.4	0.3	139	10	LOS SANTOS (SANTANDER)
2325	Ago 20 2017	12:04: 0.1	7.54	-74.17	Sup	2.0	0.5	179	22	SAN PABLO (BOLIVAR)
2326	Ago 20 2017	12:32:48.2	6.77	-73.14	154	1.9	0.5	120	27	LOS SANTOS (SANTANDER)
2327	Ago 20 2017	12:56: 3.2	6.77	-73.13	144	2.3	0.3	237	35	LOS SANTOS (SANTANDER)
2328	Ago 20 2017	13:58:52.8	6.76	-73.12	142	1.5	0.4	141	14	LOS SANTOS (SANTANDER)
2329	Ago 20 2017	14:13:51.3	5.12	-74.73	18	1.7	0.6	61	28	HONDA (TOLIMA)
2330	Ago 20 2017	16:07:58.3	6.73	-73.10	147	1.2	0.2	145	9	JORDAN (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2331	Ago 20 2017	16:34:11.1	6.76	-73.11	139	1.0	0.2	143	8	LOS SANTOS (SANTANDER)
2332	Ago 20 2017	17:04: 3.3	11.09	-73.68	23	1.8	0.3	152	13	PUEBLO BELLO (CESAR)
2333	Ago 20 2017	17:11:13.8	6.79	-73.16	144	1.3	0.1	134	9	LOS SANTOS (SANTANDER)
2334	Ago 20 2017	17:13:50.8	5.46	-73.97	110	1.3	0.2	113	10	BUENAVENTURA (BOYACA)
2335	Ago 20 2017	17:21:25.4	6.76	-73.13	141	1.4	0.2	140	9	LOS SANTOS (SANTANDER)
2336	Ago 20 2017	18:28:22.1	6.85	-73.13	150	3.0	0.7	57	59	LOS SANTOS (SANTANDER)
2337	Ago 20 2017	18:39:39.7	3.81	-77.16	13	1.7	0.7	158	23	BUENAVENTURA (VALLE)
2338	Ago 20 2017	18:45:20.3	5.96	-72.19	Sup	2.0	0.6	137	24	TAMARA (CASANARE)
2339	Ago 20 2017	19:11:12.3	6.88	-73.27	126	1.6	0.4	115	17	BETULIA (SANTANDER)
2340	Ago 20 2017	19:43:32.0	3.01	-76.13	6	0.7	0.1	287	9	TORIBIO (CAUCA)
2341	Ago 20 2017	19:50:32.1	7.09	-72.42	40	1.1	0.2	268	8	LABATECA (N.SANTANDER)
2342	Ago 20 2017	19:58:12.6	3.84	-77.13	16	1.1	0.5	166	8	BUENAVENTURA (VALLE)
2343	Ago 20 2017	21:27:34.9	6.84	-73.05	145	1.6	0.2	250	11	LOS SANTOS (SANTANDER)
2344	Ago 20 2017	21:57: 0.6	4.84	-78.28	18	1.9	0.7	297	14	O. PACIFICO CENTRO
2345	Ago 20 2017	23:02:18.4	3.54	-74.18	Sup	2.0	0.8	125	26	LEJANIAS (META)
2346	Ago 20 2017	23:16: 8.6	6.74	-73.07	147	1.7	0.4	148	16	JORDAN (SANTANDER)
2347	Ago 20 2017	23:43:30.5	6.59	-72.19	Sup	2.1	0.8	145	21	GUICAN (BOYACA)
2348	Ago 21 2017	01:16:47.1	4.39	-75.10	Sup	1.3	0.1	151	7	IBAGUE (TOLIMA)
2349	Ago 21 2017	02:36:31.8	6.41	-75.57	Sup	1.5	0.5	140	14	SAN PEDRO (ANTIOQUIA)
2350	Ago 21 2017	02:39:17.3	4.63	-76.10	99	1.6	0.5	85	22	TORO (VALLE)
2351	Ago 21 2017	02:47:31.5	6.83	-73.10	151	2.1	0.6	104	40	LOS SANTOS (SANTANDER)
2352	Ago 21 2017	03:34:27.3	6.31	-73.59	114	1.1	0.2	97	9	SANTA HELENA DEL OPO (SANTANDER)
2353	Ago 21 2017	03:36:28.2	5.25	-73.70	143	1.4	0.4	79	19	LENGUAZQUE (CUNDINAMARCA)
2354	Ago 21 2017	04:07:15.7	6.79	-73.13	145	1.6	0.3	138	15	LOS SANTOS (SANTANDER)
2355	Ago 21 2017	04:30:40.4	6.84	-73.14	140	1.5	0.4	135	17	LOS SANTOS (SANTANDER)
2356	Ago 21 2017	04:40:54.4	6.77	-73.11	145	1.8	0.5	142	21	LOS SANTOS (SANTANDER)
2357	Ago 21 2017	05:05:36.8	7.41	-76.91	11	1.7	0.6	142	20	RIOSUCIO (CHOCO)
2358	Ago 21 2017	05:20:27.5	6.79	-73.09	147	1.6	0.4	143	15	LOS SANTOS (SANTANDER)
2359	Ago 21 2017	05:21: 8.0	9.77	-73.69	85	2.6	0.5	61	35	EL PASO (CESAR)
2360	Ago 21 2017	05:54:27.7	6.75	-73.13	150	1.0	0.3	235	9	LOS SANTOS (SANTANDER)
2361	Ago 21 2017	06:16:26.9	6.74	-73.04	146	1.2	0.4	152	13	JORDAN (SANTANDER)
2362	Ago 21 2017	06:52:44.2	1.67	-76.50	Sup	1.2	0.8	145	22	SANTA ROSA (CAUCA)
2363	Ago 21 2017	07:09:12.8	6.80	-73.03	141	1.2	0.3	249	13	CEPITA (SANTANDER)
2364	Ago 21 2017	07:24:19.2	6.83	-73.12	139	1.4	0.3	246	10	LOS SANTOS (SANTANDER)
2365	Ago 21 2017	07:30:38.2	5.65	-76.66	13	1.0	0.6	255	9	QUIBDO (CHOCO)
2366	Ago 21 2017	08:19:50.3	6.78	-73.06	146	2.1	0.6	72	36	LOS SANTOS (SANTANDER)
2367	Ago 21 2017	08:33:56.6	6.78	-73.10	143	1.8	0.5	98	30	LOS SANTOS (SANTANDER)
2368	Ago 21 2017	08:37: 8.5	6.78	-73.13	146	1.7	0.6	99	27	LOS SANTOS (SANTANDER)
2369	Ago 21 2017	09:02:28.4	6.79	-73.08	147	1.5	0.5	223	18	LOS SANTOS (SANTANDER)
2370	Ago 21 2017	09:50:36.4	6.80	-73.11	143	2.1	0.5	68	40	LOS SANTOS (SANTANDER)
2371	Ago 21 2017	10:10:22.3	6.79	-73.13	143	1.8	0.3	100	26	LOS SANTOS (SANTANDER)
2372	Ago 21 2017	10:23: 8.6	1.98	-76.01	8	1.3	0.3	103	16	SALADOBLANCO (HUILA)
2373	Ago 21 2017	10:26:11.5	7.00	-76.35	12	1.1	0.4	229	7	DABEIBA (ANTIOQUIA)
2374	Ago 21 2017	11:13:27.3	2.60	-75.61	11	1.3	0.3	104	18	IQUIRA (HUILA)
2375	Ago 21 2017	11:32:35.5	4.72	-74.84	29	1.0	0.3	104	11	VENADILLO (TOLIMA)
2376	Ago 21 2017	11:57: 2.7	8.87	-74.49	Sup	2.5	0.5	76	42	PINILLOS (BOLIVAR)
2377	Ago 21 2017	12:03:27.8	6.78	-73.12	142	2.0	0.3	99	26	LOS SANTOS (SANTANDER)
2378	Ago 21 2017	12:41:34.3	6.75	-73.13	148	2.0	0.4	115	29	LOS SANTOS (SANTANDER)
2379	Ago 21 2017	13:05: 0.5	11.03	-74.75	29	2.8	0.4	236	32	PIVIJAY (MAGDALENA)
2380	Ago 21 2017	13:11: 9.3	6.76	-73.12	141	1.8	0.4	237	13	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2381	Ago 21 2017	14:23:30.4	6.72	-73.11	137	1.6	0.4	235	10	JORDAN (SANTANDER)
2382	Ago 21 2017	16:40:16.0	7.09	-76.37	Sup	1.8	0.4	275	7	DABEIBA (ANTIOQUIA)
2383	Ago 21 2017	17:08:29.1	6.88	-72.84	173	1.6	0.2	269	7	GUACA (SANTANDER)
2384	Ago 21 2017	17:11:59.5	7.04	-74.12	6	1.4	0.3	137	13	YONDO (ANTIOQUIA)
2385	Ago 21 2017	17:23:16.7	7.22	-73.25	106	1.9	0.5	231	19	RIONEGRO (SANTANDER)
2386	Ago 21 2017	17:36:32.3	6.67	-73.31	115	1.1	0.3	163	8	GALAN (SANTANDER)
2387	Ago 21 2017	17:47:47.3	3.61	-76.30	21	1.1	0.2	130	12	EL CERRITO (VALLE)
2388	Ago 21 2017	18:09:42.9	6.82	-73.15	138	1.5	0.3	110	12	LOS SANTOS (SANTANDER)
2389	Ago 21 2017	18:25:37.1	3.00	-74.99	Sup	1.1	0.3	118	12	BARAYA (HUILA)
2390	Ago 21 2017	19:11: 9.0	6.80	-73.13	150	1.8	0.4	138	23	LOS SANTOS (SANTANDER)
2391	Ago 21 2017	19:17:54.4	2.09	-75.72	17	1.2	0.1	117	11	ALTAMIRA (HUILA)
2392	Ago 21 2017	19:18:14.1	5.23	-73.67	146	1.5	0.3	103	11	VILLAPINZON (CUNDINAMARCA)
2393	Ago 21 2017	21:26:51.3	4.41	-76.08	128	1.6	0.4	85	15	ZARZAL (VALLE)
2394	Ago 21 2017	21:49:39.4	6.79	-73.11	139	2.0	0.4	141	24	LOS SANTOS (SANTANDER)
2395	Ago 21 2017	21:55:12.3	6.70	-73.31	149	1.4	0.5	174	8	GALAN (SANTANDER)
2396	Ago 21 2017	21:59: 8.4	6.75	-73.12	141	1.6	0.3	142	12	LOS SANTOS (SANTANDER)
2397	Ago 21 2017	22:44:55.4	6.68	-73.23	144	1.4	0.3	197	7	BARICCHARA (SANTANDER)
2398	Ago 21 2017	23:11:50.1	6.87	-73.16	145	1.9	0.4	131	20	ZAPATOCA (SANTANDER)
2399	Ago 21 2017	23:19:52.2	7.37	-73.19	133	1.6	0.1	180	12	EL PLAYON (SANTANDER)
2400	Ago 21 2017	23:23:11.2	6.81	-73.27	125	1.4	0.2	214	7	ZAPATOCA (SANTANDER)
2401	Ago 22 2017	00:04:10.9	7.41	-75.32	15	1.5	0.4	113	9	CACERES (ANTIOQUIA)
2402	Ago 22 2017	00:21: 7.6	6.51	-73.51	109	1.4	0.4	95	17	EL CARMEN (SANTANDER)
2403	Ago 22 2017	00:46: 1.7	2.30	-79.53	Sup	1.8	0.5	315	14	O. PACIFICO SUR
2404	Ago 22 2017	01:01:19.0	6.81	-73.15	150	2.0	0.5	65	31	LOS SANTOS (SANTANDER)
2405	Ago 22 2017	01:30: 8.2	8.66	-74.12	20	2.4	0.7	95	39	ALTOS DEL ROSARIO (BOLIVAR)
2406	Ago 22 2017	02:13:52.2	6.45	-74.39	Sup	1.4	0.5	79	17	PUERTO BERRIO (ANTIOQUIA)
2407	Ago 22 2017	02:15: 1.5	4.90	-76.03	113	1.9	0.4	112	32	EL AGUILA (VALLE)
2408	Ago 22 2017	02:36:34.7	6.85	-73.35	119	1.3	0.2	201	10	SAN VICENTE DE CHUCURI (SANTANDER)
2409	Ago 22 2017	02:42:10.0	3.91	-76.20	111	1.5	0.4	61	18	SAN PEDRO (VALLE)
2410	Ago 22 2017	03:38: 0.6	6.81	-73.13	148	1.5	0.4	215	17	LOS SANTOS (SANTANDER)
2411	Ago 22 2017	04:11:49.1	7.22	-73.74	87	1.3	0.4	215	10	PUERTO WILCHES (SANTANDER)
2412	Ago 22 2017	04:22:15.9	6.88	-73.10	150	1.2	0.4	248	10	PIEDRECUESTA (SANTANDER)
2413	Ago 22 2017	04:25:42.6	6.74	-73.10	139	1.5	0.4	237	10	LOS SANTOS (SANTANDER)
2414	Ago 22 2017	04:50:28.0	6.79	-73.10	141	1.9	0.6	99	30	LOS SANTOS (SANTANDER)
2415	Ago 22 2017	05:25:17.1	7.95	-75.04	17	1.8	0.4	235	10	CAUCASIA (ANTIOQUIA)
2416	Ago 22 2017	06:14:51.5	6.78	-73.15	144	2.0	0.4	65	36	LOS SANTOS (SANTANDER)
2417	Ago 22 2017	06:19:52.1	7.33	-74.20	Sup	2.9	0.8	110	49	CANTAGALLO (BOLIVAR)
2418	Ago 22 2017	06:26:56.2	6.80	-73.13	142	2.5	0.5	66	49	LOS SANTOS (SANTANDER)
2419	Ago 22 2017	07:44:10.2	6.75	-73.11	142	1.4	0.3	142	11	LOS SANTOS (SANTANDER)
2420	Ago 22 2017	08:17:33.4	6.67	-73.52	106	1.7	0.4	122	17	EL CARMEN (SANTANDER)
2421	Ago 22 2017	08:30:18.8	4.75	-76.15	98	2.3	0.6	42	60	ARGELIA (VALLE)
2422	Ago 22 2017	08:46: 3.0	2.33	-75.67	Sup	1.0	0.4	153	6	AGRADO (HUILA)
2423	Ago 22 2017	10:27:44.7	2.22	-75.73	Sup	1.2	0.3	105	16	AGRADO (HUILA)
2424	Ago 22 2017	11:29:55.0	5.71	-72.57	Sup	1.7	0.5	153	20	PISVA (BOYACA)
2425	Ago 22 2017	11:45:48.7	4.47	-75.18	18	1.5	0.4	142	10	IBAGUE (TOLIMA)
2426	Ago 22 2017	12:02:55.3	6.67	-73.08	141	1.8	0.3	150	13	JORDAN (SANTANDER)
2427	Ago 22 2017	12:16: 3.7	5.56	-74.10	109	2.0	0.4	63	32	MUZO (BOYACA)
2428	Ago 22 2017	12:41:41.5	6.80	-73.14	143	2.4	0.4	101	35	LOS SANTOS (SANTANDER)
2429	Ago 22 2017	13:05:44.8	6.77	-73.09	146	1.6	0.4	144	13	LOS SANTOS (SANTANDER)
2430	Ago 22 2017	14:59:15.8	6.77	-73.13	142	3.2	0.4	54	71	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2431	Ago 22 2017	15:13:32.4	7.46	-74.23	103	1.6	0.3	202	9	SAN PABLO (BOLIVAR)
2432	Ago 22 2017	15:42:15.3	11.18	-72.38	Sup	1.7	0.4	195	7	MANAURE BALCON CESAR (CESAR)
2433	Ago 22 2017	15:52:15.6	5.61	-77.99	12	2.8	0.5	175	47	O. PACIFICO NORTE
2434	Ago 22 2017	17:16:53.4	7.24	-73.59	101	1.6	0.3	163	9	SABANA DE TORRES (SANTANDER)
2435	Ago 22 2017	17:31:41.0	8.90	-73.40	95	1.6	0.2	151	13	PAILITAS (CESAR)
2436	Ago 22 2017	17:55:11.4	6.77	-73.09	148	1.4	0.4	145	9	LOS SANTOS (SANTANDER)
2437	Ago 22 2017	18:07: 4.7	4.39	-75.83	Sup	1.2	0.3	158	9	CAICEDONIA (VALLE)
2438	Ago 22 2017	18:44:51.2	3.70	-72.59	Sup	1.6	0.3	176	11	PUERTO LOPEZ (META)
2439	Ago 22 2017	19:07: 0.7	6.32	-73.64	103	1.8	0.4	76	19	SANTA HELENA DEL OPON (SANTANDER)
2440	Ago 22 2017	19:44:35.9	1.91	-76.04	14	0.9	0.1	144	9	PITALITO (HUILA)
2441	Ago 22 2017	19:48:33.1	3.87	-76.19	115	1.4	0.3	209	10	BUGA (VALLE)
2442	Ago 22 2017	21:41:29.4	6.78	-73.11	141	1.6	0.4	142	10	LOS SANTOS (SANTANDER)
2443	Ago 22 2017	22:00:16.1	3.48	-76.52	70	1.5	0.3	170	8	CALI (VALLE)
2444	Ago 22 2017	22:05:31.6	5.25	-73.73	146	2.0	0.4	133	26	CUCUNUBA (CUNDINAMARCA)
2445	Ago 22 2017	22:11:51.8	6.61	-73.54	101	1.3	0.3	111	9	EL CARMEN (SANTANDER)
2446	Ago 22 2017	22:13:45.1	7.26	-76.25	Sup	1.8	0.3	246	12	MUTATA (ANTIOQUIA)
2447	Ago 22 2017	22:17:37.5	3.39	-74.80	24	2.1	0.3	157	16	COLOMBIA (HUILA)
2448	Ago 22 2017	22:46:11.0	5.25	-73.73	149	2.3	0.5	55	34	CUCUNUBA (CUNDINAMARCA)
2449	Ago 22 2017	23:06:33.0	6.39	-72.26	Sup	1.9	0.3	109	8	GUICAN (BOYACA)
2450	Ago 22 2017	23:28: 3.8	6.76	-73.12	150	2.3	0.3	115	24	LOS SANTOS (SANTANDER)
2451	Ago 22 2017	23:50:43.2	6.26	-74.82	20	1.7	0.4	149	10	CARACOLI (ANTIOQUIA)
2452	Ago 23 2017	02:45:41.8	3.78	-71.48	Sup	2.1	0.5	229	16	PUERTO GAITAN (META)
2453	Ago 23 2017	02:58:23.7	7.14	-72.38	72	1.2	0.3	266	7	LABATECA (N.SANTANDER)
2454	Ago 23 2017	04:34: 7.7	6.76	-73.09	143	1.4	0.4	145	11	LOS SANTOS (SANTANDER)
2455	Ago 23 2017	05:15:14.7	4.96	-74.64	13	1.3	0.4	79	20	CHAGUANI (CUNDINAMARCA)
2456	Ago 23 2017	05:16: 1.7	6.80	-73.10	146	1.3	0.3	242	10	LOS SANTOS (SANTANDER)
2457	Ago 23 2017	05:48: 8.5	6.62	-76.72	24	1.9	0.7	111	17	VIGIA DEL FUERTE (ANTIOQUIA)
2458	Ago 23 2017	05:48: 9.2	6.74	-76.66	57	2.0	0.3	119	15	MURINDO (ANTIOQUIA)
2459	Ago 23 2017	06:05:14.2	6.79	-73.11	143	1.6	0.6	115	21	LOS SANTOS (SANTANDER)
2460	Ago 23 2017	06:20:19.0	6.76	-73.12	143	1.3	0.4	141	7	LOS SANTOS (SANTANDER)
2461	Ago 23 2017	06:20:57.3	5.94	-73.75	111	0.7	0.3	133	10	SUCRE (SANTANDER)
2462	Ago 23 2017	07:44:52.1	5.52	-73.62	Sup	0.9	0.7	204	10	RAQUIRA (BOYACA)
2463	Ago 23 2017	07:50:43.6	6.78	-73.08	142	1.4	0.3	216	16	LOS SANTOS (SANTANDER)
2464	Ago 23 2017	08:31:48.6	6.87	-72.98	143	1.3	0.5	257	10	CEPITA (SANTANDER)
2465	Ago 23 2017	08:40:41.7	7.50	-73.10	122	1.9	0.4	152	26	EL PLAYON (SANTANDER)
2466	Ago 23 2017	10:07:56.8	6.78	-73.09	144	1.7	0.4	117	23	LOS SANTOS (SANTANDER)
2467	Ago 23 2017	12:51: 3.7	1.51	-76.57	Sup	1.6	0.4	164	14	SANTA ROSA (CAUCA)
2468	Ago 23 2017	13:00: 3.2	3.04	-74.64	Sup	2.3	0.7	96	41	URIBE (META)
2469	Ago 23 2017	13:43:45.2	9.91	-73.73	80	1.3	0.5	129	8	BOSCONIA (CESAR)
2470	Ago 23 2017	15:00:18.4	4.78	-76.39	18	3.1	0.8	50	72	EL CAIRO (VALLE)
2471	Ago 23 2017	16:03:19.4	6.81	-73.08	146	1.6	0.2	117	9	LOS SANTOS (SANTANDER)
2472	Ago 23 2017	17:01:25.7	5.75	-75.99	50	1.4	0.1	208	10	BETANIA (ANTIOQUIA)
2473	Ago 23 2017	18:10:37.9	2.41	-75.59	15	1.1	0.5	126	13	GIGANTE (HUILA)
2474	Ago 23 2017	18:22:11.2	6.74	-73.14	142	1.8	0.4	234	9	LOS SANTOS (SANTANDER)
2475	Ago 23 2017	18:25: 5.4	4.78	-76.38	17	3.2	0.5	49	81	EL CAIRO (VALLE)
2476	Ago 23 2017	18:51:11.2	2.55	-75.93	Sup	1.9	0.7	74	27	PAEZ (CAUCA)
2477	Ago 23 2017	18:54:11.5	6.76	-73.12	146	1.6	0.3	141	13	LOS SANTOS (SANTANDER)
2478	Ago 23 2017	19:03:15.3	6.77	-73.10	143	1.9	0.4	116	23	LOS SANTOS (SANTANDER)
2479	Ago 23 2017	19:08: 1.4	4.33	-76.29	118	1.4	0.5	108	13	BOLIVAR (VALLE)
2480	Ago 23 2017	19:17: 4.4	5.26	-73.74	147	1.8	0.6	54	25	CUCUNUBA (CUNDINAMARCA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2481	Ago 23 2017	19:18:59.0	6.53	-73.46	106	1.9	0.4	67	20	SIMACOTA (SANTANDER)
2482	Ago 23 2017	19:57:49.6	3.63	-76.42	112	1.3	0.3	160	11	VIJES (VALLE)
2483	Ago 23 2017	20:02: 6.7	6.81	-73.04	139	1.5	0.2	248	7	LOS SANTOS (SANTANDER)
2484	Ago 23 2017	20:41:12.7	5.26	-73.71	146	3.1	0.4	55	61	LENGUAZAQUE (CUNDINAMARCA)
2485	Ago 23 2017	21:18: 1.7	6.82	-73.13	147	2.8	0.5	66	59	LOS SANTOS (SANTANDER)
2486	Ago 23 2017	21:28:49.0	6.90	-72.95	143	1.6	0.4	260	10	SANTA BARBARA (SANTANDER)
2487	Ago 23 2017	21:59:35.8	4.22	-76.49	64	2.0	0.4	121	23	TRUJILLO (VALLE)
2488	Ago 23 2017	22:37: 4.7	6.76	-73.14	145	1.6	0.3	139	13	LOS SANTOS (SANTANDER)
2489	Ago 23 2017	23:23:17.4	6.77	-73.10	142	1.8	0.4	143	13	LOS SANTOS (SANTANDER)
2490	Ago 24 2017	00:19: 2.6	6.73	-73.09	142	1.9	0.5	92	30	JORDAN (SANTANDER)
2491	Ago 24 2017	00:31:29.0	10.83	-73.34	74	1.2	0.5	126	10	LA PAZ (CESAR)
2492	Ago 24 2017	02:06:15.4	6.37	-73.60	108	1.4	0.5	71	19	SANTA HELENA DEL OPOON (SANTANDER)
2493	Ago 24 2017	02:08:51.6	1.92	-75.92	32	1.2	0.2	146	8	TIMANA (HUILA)
2494	Ago 24 2017	02:14:46.3	2.06	-75.71	16	0.7	0.3	123	9	GUADALUPE (HUILA)
2495	Ago 24 2017	02:25:58.9	3.38	-76.51	122	1.0	0.1	153	10	CALI (VALLE)
2496	Ago 24 2017	03:15: 0.6	5.26	-76.16	71	0.9	0.4	254	8	PUEBLO RICO (RISARALDA)
2497	Ago 24 2017	03:36:47.6	6.83	-73.07	146	1.4	0.1	247	8	LOS SANTOS (SANTANDER)
2498	Ago 24 2017	03:50:54.7	6.75	-73.12	144	1.3	0.4	141	10	LOS SANTOS (SANTANDER)
2499	Ago 24 2017	03:51:15.6	6.80	-73.11	140	1.5	0.3	140	11	LOS SANTOS (SANTANDER)
2500	Ago 24 2017	04:00:39.5	6.75	-73.13	137	2.1	0.6	67	41	LOS SANTOS (SANTANDER)
2501	Ago 24 2017	04:28:16.0	3.52	-74.50	18	0.9	0.5	142	10	URIBE (META)
2502	Ago 24 2017	04:30: 7.8	6.80	-73.06	149	1.8	0.5	170	24	LOS SANTOS (SANTANDER)
2503	Ago 24 2017	04:58:31.8	8.95	-73.34	124	1.6	0.6	171	15	PAILITAS (CESAR)
2504	Ago 24 2017	05:04:24.9	6.82	-73.03	144	1.2	0.3	250	9	CEPITA (SANTANDER)
2505	Ago 24 2017	05:18:11.7	2.47	-77.51	52	1.9	0.5	99	26	ARGELIA (CAUCA)
2506	Ago 24 2017	05:27: 1.6	6.00	-73.84	99	1.0	0.2	161	8	EL PENON (SANTANDER)
2507	Ago 24 2017	06:31:16.7	7.35	-77.96	13	1.8	0.5	161	18	FRONTERA CON PANAMA
2508	Ago 24 2017	06:51:30.0	7.27	-76.83	12	1.6	0.5	167	19	MURINDO (ANTIOQUIA)
2509	Ago 24 2017	07:03:48.9	4.87	-76.23	104	1.0	0.2	126	8	SAN JOSE DEL PALMAR (CHOCO)
2510	Ago 24 2017	07:04: 4.2	6.82	-73.10	147	1.5	0.3	229	11	LOS SANTOS (SANTANDER)
2511	Ago 24 2017	07:12:55.2	8.38	-73.06	126	2.2	0.6	152	39	HACARI (N.SANTANDER)
2512	Ago 24 2017	07:41:28.5	2.54	-76.92	136	1.3	0.3	164	13	EL TAMBO (CAUCA)
2513	Ago 24 2017	07:57:38.9	7.37	-73.40	103	2.4	0.7	75	51	SABANA DE TORRES (SANTANDER)
2514	Ago 24 2017	08:15:11.1	11.22	-73.32	Sup	1.4	0.5	164	10	PUEBLO BELLO (CESAR)
2515	Ago 24 2017	08:33:25.1	6.81	-73.14	148	2.4	0.5	65	55	LOS SANTOS (SANTANDER)
2516	Ago 24 2017	08:55: 3.8	6.69	-73.03	136	1.3	0.5	250	9	ARATOCA (SANTANDER)
2517	Ago 24 2017	09:09:17.7	5.05	-76.80	22	1.4	0.7	174	16	MEDIO SAN JUAN (CHOCO)
2518	Ago 24 2017	09:14:46.7	1.61	-77.63	19	1.5	0.7	184	13	CUMBITARA (NARINO)
2519	Ago 24 2017	09:27:23.7	4.90	-77.91	18	1.7	0.8	297	7	O. PACIFICO CENTRO
2520	Ago 24 2017	09:27:52.2	4.78	-77.73	26	1.9	0.5	272	10	O. PACIFICO CENTRO
2521	Ago 24 2017	<u>10:48:53.6</u>	<u>1.25</u>	<u>-78.74</u>	<u>92</u>	<u>3.9*</u>	<u>0.6</u>	<u>144</u>	<u>87</u>	<u>FRONTERA CON ECUADOR</u>
2522	Ago 24 2017	11:36:49.2	6.65	-73.20	147	1.2	0.3	209	8	BARICHARA (SANTANDER)
2523	Ago 24 2017	11:54:41.6	5.17	-76.69	Sup	1.8	0.5	195	10	ISTMINA (CHOCO)
2524	Ago 24 2017	11:58: 0.3	6.56	-73.51	113	2.4	0.5	66	38	EL CARMEN (SANTANDER)
2525	Ago 24 2017	12:13:33.5	6.78	-73.13	149	1.6	0.3	138	13	LOS SANTOS (SANTANDER)
2526	Ago 24 2017	12:30:34.4	5.26	-73.74	148	2.3	0.4	64	38	CUCUNUBA (CUNDINAMARCA)
2527	Ago 24 2017	13:11:44.1	7.48	-74.06	73	1.8	0.3	215	17	SAN PABLO (BOLIVAR)
2528	Ago 24 2017	13:27:17.1	6.77	-73.15	143	1.5	0.2	234	8	LOS SANTOS (SANTANDER)
2529	Ago 24 2017	13:32:46.0	6.81	-73.15	152	3.5	0.5	55	86	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2530	Ago 24 2017	13:58: 5.1	6.74	-73.11	143	1.6	0.3	142	11	LOS SANTOS (SANTANDER)
2531	Ago 24 2017	15:38:48.6	6.82	-73.14	151	3.4	0.5	55	84	LOS SANTOS (SANTANDER)
2532	Ago 24 2017	15:42:38.0	6.81	-73.09	146	1.7	0.4	244	11	LOS SANTOS (SANTANDER)
2533	Ago 24 2017	16:54:14.9	5.68	-78.30	32	2.4	0.2	229	17	O. PACIFICO NORTE
2534	Ago 24 2017	16:59:41.6	6.76	-73.15	142	1.6	0.3	137	11	LOS SANTOS (SANTANDER)
2535	Ago 24 2017	17:16:28.3	7.61	-74.03	8	1.6	0.5	186	11	SAN PABLO (BOLIVAR)
2536	Ago 24 2017	17:22:47.6	6.40	-76.29	18	2.0	0.5	186	14	URRAO (ANTIOQUIA)
2537	Ago 24 2017	17:48:21.7	5.29	-73.81	153	1.4	0.4	163	12	UBATE (CUNDINAMARCA)
2538	Ago 24 2017	17:51:26.6	4.56	-75.96	Sup	1.3	0.6	106	11	OBANDO (VALLE)
2539	Ago 24 2017	19:01: 0.8	6.77	-73.11	143	1.4	0.3	142	8	LOS SANTOS (SANTANDER)
2540	Ago 24 2017	19:37: 1.0	1.76	-77.30	19	1.5	0.3	189	9	EL ROSARIO (NARINO)
2541	Ago 24 2017	22:22:18.7	3.86	-73.65	Sup	4.2*	0.5	64	73	CASTILLA LA NUEVA (META)
2542	Ago 24 2017	22:44:22.2	6.88	-73.24	121	2.0	0.1	232	8	BETULIA (SANTANDER)
2543	Ago 24 2017	23:55: 1.3	7.47	-73.17	130	2.5	0.5	145	32	EL PLAYON (SANTANDER)
2544	Ago 25 2017	00:18:18.2	5.96	-73.75	106	1.5	0.4	74	21	BOLIVAR (SANTANDER)
2545	Ago 25 2017	00:21:38.0	6.82	-73.11	143	1.7	0.5	217	15	LOS SANTOS (SANTANDER)
2546	Ago 25 2017	01:06:56.8	3.89	-76.27	130	1.1	0.1	225	8	BUGA (VALLE)
2547	Ago 25 2017	01:24:14.5	2.46	-75.90	Sup	1.1	0.6	90	14	LA PLATA (HUILA)
2548	Ago 25 2017	01:30:34.4	6.77	-73.12	144	1.5	0.6	212	16	LOS SANTOS (SANTANDER)
2549	Ago 25 2017	03:28: 6.2	5.16	-77.96	20	1.9	0.5	289	23	O. PACIFICO CENTRO
2550	Ago 25 2017	03:30:43.4	2.27	-75.79	Sup	1.3	0.5	106	17	PITAL (HUILA)
2551	Ago 25 2017	03:36:40.6	4.37	-75.80	19	1.2	0.2	115	9	CAICEDONIA (VALLE)
2552	Ago 25 2017	03:55:19.3	7.21	-74.24	Sup	1.5	0.5	151	16	PUERTO WILCHES (SANTANDER)
2553	Ago 25 2017	04:31:58.2	5.41	-72.72	Sup	1.9	0.7	64	26	PAJARITO (BOYACA)
2554	Ago 25 2017	05:03:14.2	2.72	-79.54	Sup	2.2	0.4	296	20	O. PACIFICO SUR
2555	Ago 25 2017	05:36:51.5	6.18	-72.30	Sup	2.8	0.7	111	53	LA SALINA (CASANARE)
2556	Ago 25 2017	05:49:55.8	4.78	-74.71	23	1.3	0.6	90	17	BELTRAN (CUNDINAMARCA)
2557	Ago 25 2017	06:07:29.4	1.62	-78.09	72	1.3	0.5	202	14	BARBACOAS (NARINO)
2558	Ago 25 2017	06:17: 7.3	5.47	-72.71	Sup	1.1	0.6	126	12	LABRANZAGRANDE (BOYACA)
2559	Ago 25 2017	06:26:17.1	6.78	-73.16	146	1.2	0.3	210	9	LOS SANTOS (SANTANDER)
2560	Ago 25 2017	06:31:41.1	5.38	-72.72	Sup	1.4	0.5	128	12	PAJARITO (BOYACA)
2561	Ago 25 2017	07:49: 3.2	5.12	-76.33	92	1.3	0.3	217	15	SAN JOSE DEL PALMAR (CHOCO)
2562	Ago 25 2017	08:15:46.9	6.22	-76.06	9	1.2	0.6	160	14	URRAO (ANTIOQUIA)
2563	Ago 25 2017	10:07:17.6	5.70	-75.95	Sup	1.8	0.6	147	25	BETANIA (ANTIOQUIA)
2564	Ago 25 2017	10:12:37.3	7.23	-73.27	176	1.5	0.2	252	6	RIONEGRO (SANTANDER)
2565	Ago 25 2017	10:17:23.9	4.77	-74.71	Sup	1.8	0.5	91	35	BELTRAN (CUNDINAMARCA)
2566	Ago 25 2017	10:18:25.4	4.77	-74.72	23	1.3	0.4	107	14	BELTRAN (CUNDINAMARCA)
2567	Ago 25 2017	10:30:36.0	6.76	-73.13	149	1.1	0.1	236	7	LOS SANTOS (SANTANDER)
2568	Ago 25 2017	10:51:54.1	6.76	-73.17	149	1.3	0.3	232	9	LOS SANTOS (SANTANDER)
2569	Ago 25 2017	12:30:50.9	6.80	-73.11	149	1.4	0.3	241	7	LOS SANTOS (SANTANDER)
2570	Ago 25 2017	12:46:15.6	3.43	-76.82	45	1.7	0.6	122	21	DAGUA (VALLE)
2571	Ago 25 2017	12:51: 7.7	6.71	-73.21	146	1.5	0.1	214	7	VILLANUEVA (SANTANDER)
2572	Ago 25 2017	14:45:51.5	5.39	-72.72	14	1.3	0.6	111	9	PAJARITO (BOYACA)
2573	Ago 25 2017	16:47: 7.3	6.11	-73.65	121	1.3	0.2	207	6	CHIPATA (SANTANDER)
2574	Ago 25 2017	18:14:37.3	6.75	-73.06	141	1.5	0.4	149	8	LOS SANTOS (SANTANDER)
2575	Ago 25 2017	18:33:46.7	6.81	-73.10	153	1.3	0.2	141	9	LOS SANTOS (SANTANDER)
2576	Ago 25 2017	18:49:47.0	6.77	-73.10	150	1.9	0.3	143	19	LOS SANTOS (SANTANDER)
2577	Ago 25 2017	19:14:21.1	6.80	-73.10	147	1.6	0.5	142	14	LOS SANTOS (SANTANDER)
2578	Ago 25 2017	19:17:14.1	6.79	-73.33	113	1.4	0.2	193	8	ZAPATOCA (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2579	Ago 25 2017	19:56:40.3	6.78	-73.17	143	1.4	0.1	134	8	LOS SANTOS (SANTANDER)
2580	Ago 26 2017	00:29:12.4	6.82	-73.14	150	1.9	0.5	111	24	LOS SANTOS (SANTANDER)
2581	Ago 26 2017	01:56:19.9	7.87	-74.64	30	1.5	0.3	203	9	NECHI (ANTIOQUIA)
2582	Ago 26 2017	03:01:31.1	8.47	-76.52	59	3.2	0.7	99	68	SAN PEDRO DE URABA (ANTIOQUIA)
2583	Ago 26 2017	03:21:47.6	6.05	-73.92	19	1.3	0.7	71	17	EL PENON (SANTANDER)
2584	Ago 26 2017	03:29: 8.4	2.43	-75.32	24	1.4	0.6	218	10	ALGECIRAS (HUILA)
2585	Ago 26 2017	03:42: 7.8	2.16	-75.55	15	1.3	0.8	99	18	GARZON (HUILA)
2586	Ago 26 2017	03:49: 9.9	6.30	-73.59	112	1.4	0.4	88	16	SANTA HELENA DEL OPON (SANTANDER)
2587	Ago 26 2017	03:50:42.6	6.81	-73.11	141	1.2	0.3	139	11	LOS SANTOS (SANTANDER)
2588	Ago 26 2017	04:30:59.4	6.79	-73.08	151	1.1	0.2	244	8	LOS SANTOS (SANTANDER)
2589	Ago 26 2017	05:10:50.3	4.52	-75.67	13	1.0	0.5	82	16	ARMENIA (QUINDIO)
2590	Ago 26 2017	05:13:55.4	6.78	-73.12	142	1.3	0.4	238	9	LOS SANTOS (SANTANDER)
2591	Ago 26 2017	05:24:53.8	7.45	-73.45	114	1.1	0.4	251	8	SABANA DE TORRES (SANTANDER)
2592	Ago 26 2017	05:43:35.8	6.72	-73.14	143	1.2	0.3	216	8	JORDAN (SANTANDER)
2593	Ago 26 2017	05:52:38.6	6.77	-73.12	144	0.8	0.2	238	8	LOS SANTOS (SANTANDER)
2594	Ago 26 2017	06:03:20.7	4.15	-76.53	71	1.2	0.4	118	9	TRUJILLO (VALLE)
2595	Ago 26 2017	06:37:22.7	6.75	-73.12	144	1.2	0.3	141	13	LOS SANTOS (SANTANDER)
2596	Ago 26 2017	07:13: 8.7	6.84	-73.26	123	1.3	0.3	220	8	ZAPATOCA (SANTANDER)
2597	Ago 26 2017	08:46:30.3	6.82	-73.12	140	1.4	0.3	242	10	LOS SANTOS (SANTANDER)
2598	Ago 26 2017	08:49: 5.8	2.32	-75.62	Sup	1.0	0.4	107	16	GIGANTE (HUILA)
2599	Ago 26 2017	08:49: 5.9	2.32	-75.63	Sup	1.0	0.4	103	14	GIGANTE (HUILA)
2600	Ago 26 2017	08:58:23.2	6.82	-73.06	147	1.0	0.3	247	10	LOS SANTOS (SANTANDER)
2601	Ago 26 2017	09:25:11.4	5.39	-73.77	138	2.5	0.6	36	65	FUQUENE (CUNDINAMARCA)
2602	Ago 26 2017	09:55:13.2	6.77	-73.13	144	1.3	0.3	114	12	LOS SANTOS (SANTANDER)
2603	Ago 26 2017	10:20:55.5	6.79	-73.15	147	1.8	0.4	111	19	LOS SANTOS (SANTANDER)
2604	Ago 26 2017	10:30:22.8	6.67	-73.20	135	0.9	0.2	216	7	VILLANUEVA (SANTANDER)
2605	Ago 26 2017	11:13:12.7	10.88	-72.84	86	1.3	0.3	154	9	MANAURE BALCON CESAR (CESAR)
2606	Ago 26 2017	11:44: 3.7	5.40	-72.69	Sup	2.0	0.7	64	26	PAJARITO (BOYACA)
2607	Ago 26 2017	13:06:30.2	6.81	-73.04	146	1.2	0.2	248	7	LOS SANTOS (SANTANDER)
2608	Ago 26 2017	13:50: 9.3	8.19	-74.31	20	1.6	0.5	255	7	MONTECRISTO (BOLIVAR)
2609	Ago 26 2017	13:52: 4.7	2.28	-75.67	15	1.2	0.4	103	7	AGRADO (HUILA)
2610	Ago 26 2017	14:07:24.8	6.76	-73.11	142	1.7	0.4	116	14	LOS SANTOS (SANTANDER)
2611	Ago 26 2017	14:39:51.7	6.80	-73.08	140	1.4	0.2	144	8	LOS SANTOS (SANTANDER)
2612	Ago 26 2017	15:02:23.0	4.22	-76.44	111	1.6	0.5	116	18	TRUJILLO (VALLE)
2613	Ago 26 2017	15:32:28.4	6.78	-73.12	151	1.7	0.3	115	19	LOS SANTOS (SANTANDER)
2614	Ago 26 2017	15:51:21.3	6.77	-73.00	149	1.3	0.3	156	9	CEPITA (SANTANDER)
2615	Ago 26 2017	16:03: 8.2	6.78	-73.13	149	1.8	0.2	113	14	LOS SANTOS (SANTANDER)
2616	Ago 26 2017	16:09:42.5	6.80	-73.19	132	1.4	0.3	131	6	ZAPATOCA (SANTANDER)
2617	Ago 26 2017	16:21:56.3	6.77	-73.14	141	2.2	0.5	98	34	LOS SANTOS (SANTANDER)
2618	Ago 26 2017	17:16:35.8	6.76	-73.08	148	1.4	0.3	146	11	LOS SANTOS (SANTANDER)
2619	Ago 26 2017	18:09: 5.4	4.42	-75.67	Sup	1.7	0.4	73	19	CORDOBA (QUINDIO)
2620	Ago 26 2017	18:49: 1.1	0.68	-78.11	Sup	2.3	0.4	177	10	FRONTERA CON ECUADOR
2621	Ago 26 2017	18:49: 6.6	6.81	-73.29	140	2.8	0.6	56	51	ZAPATOCA (SANTANDER)
2622	Ago 26 2017	19:28:50.3	4.96	-76.27	107	1.6	0.2	301	6	SAN JOSE DEL PALMAR (CHOCO)
2623	Ago 26 2017	19:51:44.0	6.80	-73.01	147	1.1	0.2	168	7	CEPITA (SANTANDER)
2624	Ago 26 2017	21:28:52.4	6.76	-73.10	140	1.8	0.4	117	22	LOS SANTOS (SANTANDER)
2625	Ago 26 2017	21:50:38.4	3.87	-77.01	63	1.6	0.3	142	8	BUENAVENTURA (VALLE)
2626	Ago 26 2017	22:03:17.4	6.11	-73.71	111	1.3	0.2	164	8	CHIPATA (SANTANDER)
2627	Ago 26 2017	22:45: 3.4	5.26	-72.50	49	1.7	0.4	119	10	AGUAZUL (CASANARE)
2628	Ago 26 2017	22:57:14.9	6.93	-76.69	Sup	1.8	0.3	139	11	MURINDO (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2629	Ago 26 2017	23:15:12.9	3.70	-76.89	25	1.4	0.2	135	10	DAGUA (VALLE)
2630	Ago 27 2017	00:00:16.8	6.85	-76.20	Sup	1.7	0.5	199	12	URAMITA (ANTIOQUIA)
2631	Ago 27 2017	00:10: 4.0	5.23	-73.71	147	1.6	0.5	79	17	CUCUNUBA (CUNDINAMARCA)
2632	Ago 27 2017	00:33: 7.8	6.82	-73.08	147	0.8	0.2	144	7	LOS SANTOS (SANTANDER)
2633	Ago 27 2017	01:16: 3.2	6.83	-73.06	149	2.1	0.5	119	32	LOS SANTOS (SANTANDER)
2634	Ago 27 2017	01:39:36.1	6.76	-73.11	143	1.9	0.3	116	34	LOS SANTOS (SANTANDER)
2635	Ago 27 2017	02:19:53.5	6.77	-73.13	141	1.3	0.2	140	11	LOS SANTOS (SANTANDER)
2636	Ago 27 2017	02:21:47.5	1.76	-74.67	Sup	1.8	0.6	118	14	SAN VICENTE DEL CAGUAN (CAQUETA)
2637	Ago 27 2017	02:41:36.8	6.77	-73.11	148	1.5	0.4	141	16	LOS SANTOS (SANTANDER)
2638	Ago 27 2017	02:51:53.2	6.80	-73.06	143	1.2	0.2	246	9	LOS SANTOS (SANTANDER)
2639	Ago 27 2017	03:03:10.2	5.21	-74.52	21	0.8	0.1	119	8	UTICA (CUNDINAMARCA)
2640	Ago 27 2017	03:05:39.2	5.99	-73.71	114	1.2	0.3	126	9	VELEZ (SANTANDER)
2641	Ago 27 2017	03:08:12.1	6.73	-73.12	147	0.9	0.2	235	7	LOS SANTOS (SANTANDER)
2642	Ago 27 2017	03:43:11.6	6.84	-73.37	109	0.9	0.3	131	8	SAN VICENTE DE CHUCURI (SANTANDER)
2643	Ago 27 2017	04:12:41.3	7.11	-75.17	19	1.2	0.5	69	14	ANORI (ANTIOQUIA)
2644	Ago 27 2017	04:27:10.0	7.01	-76.81	19	1.7	0.3	279	10	MURINDO (ANTIOQUIA)
2645	Ago 27 2017	05:26:38.7	6.83	-73.10	148	2.3	0.5	68	44	LOS SANTOS (SANTANDER)
2646	Ago 27 2017	06:30:57.4	6.72	-73.14	155	1.0	0.3	139	7	JORDAN (SANTANDER)
2647	Ago 27 2017	06:52:40.0	4.38	-75.48	Sup	0.7	0.3	107	11	CAJAMARCA (TOLIMA)
2648	Ago 27 2017	06:56:28.2	6.71	-73.08	144	1.2	0.4	149	9	JORDAN (SANTANDER)
2649	Ago 27 2017	07:15:27.4	6.88	-76.26	9	1.5	0.2	251	8	URAMITA (ANTIOQUIA)
2650	Ago 27 2017	07:36:42.7	6.75	-73.14	140	1.1	0.2	139	9	LOS SANTOS (SANTANDER)
2651	Ago 27 2017	07:45:55.3	6.75	-73.46	112	1.3	0.3	89	12	EL CARMEN (SANTANDER)
2652	Ago 27 2017	08:20:20.0	6.80	-73.13	143	1.5	0.4	113	13	LOS SANTOS (SANTANDER)
2653	Ago 27 2017	08:22:14.3	6.80	-73.10	151	2.9	0.6	56	72	LOS SANTOS (SANTANDER)
2654	Ago 27 2017	08:41:40.5	0.34	-75.86	Sup	1.2	0.6	185	8	SOLITA (CAQUETA)
2655	Ago 27 2017	09:59:37.1	6.78	-73.14	145	1.1	0.3	138	10	LOS SANTOS (SANTANDER)
2656	Ago 27 2017	10:15:16.1	6.81	-73.11	155	1.2	0.2	242	7	LOS SANTOS (SANTANDER)
2657	Ago 27 2017	10:30: 9.2	5.71	-73.98	101	1.3	0.4	133	14	TUNUNGUA (BOYACA)
2658	Ago 27 2017	10:39:50.0	2.29	-75.55	23	0.8	0.2	186	10	GIGANTE (HUILA)
2659	Ago 27 2017	11:14:21.6	6.69	-73.10	146	1.0	0.3	146	8	JORDAN (SANTANDER)
2660	Ago 27 2017	11:16:40.6	6.79	-73.12	144	2.4	0.5	67	49	LOS SANTOS (SANTANDER)
2661	Ago 27 2017	11:22:54.0	6.80	-73.13	147	1.8	0.4	113	21	LOS SANTOS (SANTANDER)
2662	Ago 27 2017	11:34:10.2	5.24	-73.75	142	1.1	0.3	144	8	CUCUNUBA (CUNDINAMARCA)
2663	Ago 27 2017	12:34:21.0	4.79	-73.27	Sup	2.4	0.8	94	50	SANTA MARIA (BOYACA)
2664	Ago 27 2017	14:36:43.7	6.77	-73.09	142	1.5	0.3	144	8	LOS SANTOS (SANTANDER)
2665	Ago 27 2017	14:46:45.0	7.03	-75.64	Sup	1.4	0.4	112	8	TOLEDO (ANTIOQUIA)
2666	Ago 27 2017	15:38:15.5	4.84	-76.23	112	1.9	0.2	130	14	EL CAIRO (VALLE)
2667	Ago 27 2017	16:07:32.7	6.54	-73.52	112	1.5	0.3	71	13	EL CARMEN (SANTANDER)
2668	Ago 27 2017	17:29:32.2	6.79	-73.12	141	2.2	0.4	100	32	LOS SANTOS (SANTANDER)
2669	Ago 27 2017	18:50:49.5	11.24	-72.63	11	1.7	0.3	148	8	MANAURE BALCON CESAR (CESAR)
2670	Ago 27 2017	19:14:33.4	6.21	-73.78	98	2.0	0.4	64	32	LANDAZURI (SANTANDER)
2671	Ago 27 2017	19:40:31.3	7.38	-73.19	135	1.6	0.3	182	13	EL PLAYON (SANTANDER)
2672	Ago 27 2017	21:10:57.0	6.81	-73.13	156	3.4	0.7	56	77	LOS SANTOS (SANTANDER)
2673	Ago 27 2017	21:14:35.1	6.79	-73.10	139	1.4	0.4	143	8	LOS SANTOS (SANTANDER)
2674	Ago 28 2017	00:20:15.4	6.79	-73.10	132	1.2	0.3	142	7	LOS SANTOS (SANTANDER)
2675	Ago 28 2017	01:25:17.5	6.81	-73.16	142	1.3	0.1	134	9	LOS SANTOS (SANTANDER)
2676	Ago 28 2017	01:41:46.0	6.81	-73.07	145	1.8	0.6	118	29	LOS SANTOS (SANTANDER)
2677	Ago 28 2017	02:44:35.6	4.28	-77.89	27	1.8	0.5	265	13	O. PACIFICO CENTRO

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2678	Ago 28 2017	03:06:43.5	4.24	-77.89	26	1.4	0.3	298	8	O. PACIFICO CENTRO
2679	Ago 28 2017	03:19:35.8	5.53	-73.90	118	2.0	0.6	74	18	BUENAVISTA (BOYACA)
2680	Ago 28 2017	03:44:46.9	6.82	-73.12	142	2.1	0.6	104	30	LOS SANTOS (SANTANDER)
2681	Ago 28 2017	04:15:15.7	4.40	-77.88	23	1.9	0.6	285	16	O. PACIFICO CENTRO
2682	Ago 28 2017	04:18:33.7	6.80	-73.13	145	2.2	0.4	137	10	LOS SANTOS (SANTANDER)
2683	Ago 28 2017	04:36:57.0	6.14	-72.40	Sup	2.0	0.8	107	25	LA SALINA (CASANARE)
2684	Ago 28 2017	04:37:43.8	6.08	-74.25	9	1.6	0.6	113	15	PUERTO NARE (ANTIOQUIA)
2685	Ago 28 2017	04:43:13.1	6.78	-73.09	146	1.8	0.6	124	17	LOS SANTOS (SANTANDER)
2686	Ago 28 2017	04:50:20.7	6.81	-73.13	143	2.5	0.6	66	52	LOS SANTOS (SANTANDER)
2687	Ago 28 2017	04:50:29.8	4.48	-75.32	165	1.7	0.3	239	8	IBAGUE (TOLIMA)
2688	Ago 28 2017	04:59:13.8	6.80	-73.13	145	1.4	0.4	113	20	LOS SANTOS (SANTANDER)
2689	Ago 28 2017	05:21: 2.4	6.80	-73.14	148	1.6	0.2	238	7	LOS SANTOS (SANTANDER)
2690	Ago 28 2017	05:34:57.8	4.39	-77.88	23	1.7	0.6	286	14	O. PACIFICO CENTRO
2691	Ago 28 2017	05:44:22.9	3.72	-74.25	Sup	1.7	0.5	189	26	LEJANIAS (META)
2692	Ago 28 2017	06:02:56.1	1.97	-75.99	Sup	1.9	0.6	103	24	TIMANA (HUILA)
2693	Ago 28 2017	06:16:40.5	0.15	-77.49	Sup	3.4	0.5	178	50	FRONTERA CON ECUADOR
2694	Ago 28 2017	06:29:24.2	5.90	-72.51	Sup	1.7	0.6	172	20	PISVA (BOYACA)
2695	Ago 28 2017	06:58:15.0	6.49	-73.48	145	1.1	0.4	193	7	SIMACOTA (SANTANDER)
2696	Ago 28 2017	07:36:33.5	4.80	-76.53	91	1.2	0.4	242	8	NOVITA (CHOCO)
2697	Ago 28 2017	07:40:16.2	6.75	-73.13	144	1.3	0.4	140	10	LOS SANTOS (SANTANDER)
2698	Ago 28 2017	07:51:22.3	5.24	-73.72	150	2.7	0.5	40	59	CUCUNUBA (CUNDINAMARCA)
2699	Ago 28 2017	08:15: 0.4	6.78	-73.10	144	1.6	0.3	117	22	LOS SANTOS (SANTANDER)
2700	Ago 28 2017	09:43: 7.6	5.94	-73.65	127	1.2	0.3	141	11	BARBOSA (SANTANDER)
2701	Ago 28 2017	09:44:11.0	6.76	-77.62	Sup	2.4	0.4	176	8	O. PACIFICO NORTE
2702	Ago 28 2017	09:47:23.0	6.52	-73.49	137	1.1	0.3	133	6	EL CARMEN (SANTANDER)
2703	Ago 28 2017	09:59: 3.6	6.75	-73.14	150	1.6	0.3	234	10	LOS SANTOS (SANTANDER)
2704	Ago 28 2017	10:08: 7.1	0.17	-77.49	Sup	2.2	0.5	221	14	FRONTERA CON ECUADOR
2705	Ago 28 2017	10:26:43.5	4.39	-75.25	26	1.2	0.4	159	9	IBAGUE (TOLIMA)
2706	Ago 28 2017	10:39:27.7	6.03	-74.25	21	1.1	0.3	135	10	PUERTO BOYACA (BOYACA)
2707	Ago 28 2017	10:42:40.8	4.33	-75.68	Sup	1.3	0.6	108	13	PIJAO (QUINDIO)
2708	Ago 28 2017	11:45:55.4	6.80	-73.13	145	2.3	0.4	113	30	LOS SANTOS (SANTANDER)
2709	Ago 28 2017	12:44:28.6	4.79	-76.23	117	1.3	0.6	150	9	EL CAIRO (VALLE)
2710	Ago 28 2017	14:09:25.0	6.80	-73.10	149	1.8	0.6	142	22	LOS SANTOS (SANTANDER)
2711	Ago 28 2017	14:21:45.4	6.82	-73.13	147	1.9	0.4	112	21	LOS SANTOS (SANTANDER)
2712	Ago 28 2017	14:46:27.1	5.80	-72.75	12	1.7	0.6	132	10	GAMEZA (BOYACA)
2713	Ago 28 2017	15:29:27.3	0.84	-77.75	Sup	2.3	0.5	130	12	CUASPUD (NARINO)
2714	Ago 28 2017	16:00:44.9	6.84	-73.14	145	2.7	0.7	75	48	LOS SANTOS (SANTANDER)
2715	Ago 28 2017	16:14: 0.7	6.79	-73.09	139	1.8	0.6	100	20	LOS SANTOS (SANTANDER)
2716	Ago 28 2017	18:03:57.0	5.24	-73.74	145	1.3	0.1	134	8	CUCUNUBA (CUNDINAMARCA)
2717	Ago 28 2017	21:23:25.2	6.79	-73.11	147	1.8	0.3	99	17	LOS SANTOS (SANTANDER)
2718	Ago 28 2017	21:25:47.7	6.79	-73.15	144	1.4	0.3	136	8	LOS SANTOS (SANTANDER)
2719	Ago 28 2017	22:38:35.3	6.82	-73.13	141	2.3	0.6	73	38	LOS SANTOS (SANTANDER)
2720	Ago 28 2017	22:48:35.7	6.81	-73.11	145	2.8	0.6	67	55	LOS SANTOS (SANTANDER)
2721	Ago 28 2017	23:15:29.7	7.29	-76.93	6	1.8	0.5	172	14	RIOSUCIO (CHOCO)
2722	Ago 29 2017	00:20:28.6	6.81	-73.08	149	2.1	0.6	117	23	LOS SANTOS (SANTANDER)
2723	Ago 29 2017	00:38:51.0	6.63	-73.60	19	1.0	0.2	203	8	EL CARMEN (SANTANDER)
2724	Ago 29 2017	00:43:58.6	6.77	-73.15	147	1.4	0.1	137	8	LOS SANTOS (SANTANDER)
2725	Ago 29 2017	00:54:38.6	4.51	-75.64	27	0.9	0.7	162	10	CALARCA (QUINDIO)
2726	Ago 29 2017	01:17:37.1	1.62	-77.64	15	1.4	0.2	263	8	CUMBITARA (NARINO)
2727	Ago 29 2017	02:05:49.2	6.82	-73.13	147	2.2	0.5	66	28	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2728	Ago 29 2017	02:29:33.0	5.72	-73.89	107	1.4	0.5	71	19	TUNUNGUA (BOYACA)
2729	Ago 29 2017	02:55:14.6	6.80	-73.05	140	1.6	0.6	121	20	LOS SANTOS (SANTANDER)
2730	Ago 29 2017	02:55:43.6	2.46	-75.43	15	1.2	0.4	94	10	HOBO (HUILA)
2731	Ago 29 2017	04:02:48.9	6.80	-73.13	148	2.6	0.8	72	39	LOS SANTOS (SANTANDER)
2732	Ago 29 2017	04:49: 7.2	6.32	-73.57	113	1.9	0.4	86	20	SANTA HELENA DEL OPON (SANTANDER)
2733	Ago 29 2017	04:57:10.5	3.36	-74.76	10	2.5	0.8	88	32	COLOMBIA (HUILA)
2734	Ago 29 2017	05:03: 1.6	6.77	-73.13	145	1.6	0.4	139	9	LOS SANTOS (SANTANDER)
2735	Ago 29 2017	05:19: 7.4	6.63	-73.54	18	1.3	0.3	116	9	EL CARMEN (SANTANDER)
2736	Ago 29 2017	05:22:53.2	6.82	-73.13	148	1.5	0.3	111	15	LOS SANTOS (SANTANDER)
2737	Ago 29 2017	05:30:53.1	5.73	-73.89	105	1.2	0.4	108	11	ALBANIA (SANTANDER)
2738	Ago 29 2017	05:39:51.0	6.91	-73.06	168	1.1	0.3	253	7	PIEDRECUESTA (SANTANDER)
2739	Ago 29 2017	05:40:48.8	6.82	-73.10	143	1.7	0.5	140	17	LOS SANTOS (SANTANDER)
2740	Ago 29 2017	06:50:59.6	6.35	-73.45	116	0.9	0.3	92	9	CONTRATAACION (SANTANDER)
2741	Ago 29 2017	07:05:24.6	6.82	-73.13	125	1.1	0.4	241	8	LOS SANTOS (SANTANDER)
2742	Ago 29 2017	07:20:10.1	3.35	-76.03	122	0.8	0.4	145	9	FLORIDA (VALLE)
2743	Ago 29 2017	07:44:11.8	4.79	-74.67	Sup	0.8	0.3	205	7	BELTRAN (CUNDINAMARCA)
2744	Ago 29 2017	07:52:34.3	11.19	-73.56	20	2.7	0.7	164	21	PUEBLO BELLO (CESAR)
2745	Ago 29 2017	09:08:14.8	6.75	-73.12	148	1.3	0.4	236	9	LOS SANTOS (SANTANDER)
2746	Ago 29 2017	09:17:29.5	3.95	-76.36	115	1.0	0.1	189	8	BUGA (VALLE)
2747	Ago 29 2017	09:23:53.2	6.80	-73.15	146	2.6	0.5	111	35	LOS SANTOS (SANTANDER)
2748	Ago 29 2017	09:39:58.6	6.81	-73.19	141	1.0	0.1	241	6	ZAPATOCA (SANTANDER)
2749	Ago 29 2017	09:43:40.4	6.77	-73.17	150	1.5	0.2	134	11	LOS SANTOS (SANTANDER)
2750	Ago 29 2017	09:44: 6.0	6.79	-73.13	143	1.7	0.4	184	17	LOS SANTOS (SANTANDER)
2751	Ago 29 2017	10:14:49.2	6.78	-73.10	139	1.5	0.4	241	11	LOS SANTOS (SANTANDER)
2752	Ago 29 2017	10:16:32.3	6.88	-73.12	147	2.5	0.7	65	49	LOS SANTOS (SANTANDER)
2753	Ago 29 2017	10:42:55.8	6.09	-74.27	Sup	1.2	0.5	123	15	PUERTO NARE (ANTIOQUIA)
2754	Ago 29 2017	11:03:11.2	5.39	-76.83	22	1.9	0.8	172	19	EL CANTON DEL SAN PABL (CHOCO)
2755	Ago 29 2017	11:30:41.5	5.00	-74.81	14	1.3	0.5	189	11	ARMERO (TOLIMA)
2756	Ago 29 2017	11:32:12.1	6.78	-73.14	136	1.6	0.4	237	12	LOS SANTOS (SANTANDER)
2757	Ago 29 2017	11:42:20.3	6.80	-73.12	148	2.1	0.7	114	32	LOS SANTOS (SANTANDER)
2758	Ago 29 2017	12:35: 7.9	6.81	-73.13	136	1.8	0.6	137	16	LOS SANTOS (SANTANDER)
2759	Ago 29 2017	13:11: 4.2	6.79	-73.12	140	2.0	0.6	139	27	LOS SANTOS (SANTANDER)
2760	Ago 29 2017	14:38: 1.7	6.05	-74.84	Sup	1.6	0.6	72	23	SAN LUIS (ANTIOQUIA)
2761	Ago 29 2017	14:43:12.2	6.80	-73.11	144	1.7	0.3	140	10	LOS SANTOS (SANTANDER)
2762	Ago 29 2017	15:00:16.7	6.31	-73.61	109	1.3	0.3	178	8	SANTA HELENA DEL OPON (SANTANDER)
2763	Ago 29 2017	15:42:18.7	6.85	-73.06	142	1.5	0.4	250	10	LOS SANTOS (SANTANDER)
2764	Ago 29 2017	15:52: 9.4	6.69	-72.09	Sup	2.0	0.8	173	20	CUBARA (BOYACA)
2765	Ago 29 2017	16:30:13.6	6.79	-73.11	145	1.8	0.4	240	15	LOS SANTOS (SANTANDER)
2766	Ago 29 2017	16:51:39.7	7.55	-73.00	151	1.8	0.5	217	11	SURATA (SANTANDER)
2767	Ago 29 2017	17:45:34.3	11.29	-72.59	259	2.7	0.7	151	8	MANAURE BALCON CESAR (CESAR)
2768	Ago 29 2017	19:03:41.6	9.49	-73.86	Sup	1.3	0.4	219	8	ASTREA (CESAR)
2769	Ago 29 2017	20:30:19.0	6.81	-73.07	143	1.7	0.4	144	8	LOS SANTOS (SANTANDER)
2770	Ago 29 2017	20:36:21.8	6.76	-73.11	147	1.7	0.2	142	13	LOS SANTOS (SANTANDER)
2771	Ago 29 2017	21:13:33.9	6.80	-73.10	151	1.5	0.2	242	11	LOS SANTOS (SANTANDER)
2772	Ago 29 2017	22:53:23.3	11.07	-72.72	Sup	1.4	0.5	153	8	MANAURE BALCON CESAR (CESAR)
2773	Ago 30 2017	00:06:55.2	6.02	-73.72	109	1.6	0.2	143	9	VELEZ (SANTANDER)
2774	Ago 30 2017	00:32:42.8	4.78	-74.78	Sup	1.7	0.6	46	32	AMBALEMA (TOLIMA)
2775	Ago 30 2017	00:33:41.7	4.77	-74.76	Sup	1.2	0.6	168	10	AMBALEMA (TOLIMA)
2776	Ago 30 2017	01:20:22.8	4.77	-74.79	Sup	1.5	0.6	103	16	AMBALEMA (TOLIMA)
2777	Ago 30 2017	01:21: 3.2	4.77	-74.79	20	1.5	0.5	103	12	AMBALEMA (TOLIMA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2778	Ago 30 2017	01:26: 1.0	4.77	-74.76	Sup	0.8	0.3	195	10	AMBALEMA (TOLIMA)
2779	Ago 30 2017	01:50:54.3	2.82	-76.73	114	1.0	0.3	155	8	MORALES (CAUCA)
2780	Ago 30 2017	02:30:24.4	7.56	-74.20	56	1.5	0.5	215	14	SAN PABLO (BOLIVAR)
2781	Ago 30 2017	02:37:27.5	6.75	-73.07	145	1.3	0.3	242	8	LOS SANTOS (SANTANDER)
2782	Ago 30 2017	02:49:52.3	3.41	-74.23	Sup	1.0	0.8	189	13	MESETAS (META)
2783	Ago 30 2017	03:14:43.2	3.41	-74.15	Sup	1.9	0.7	133	39	MESETAS (META)
2784	Ago 30 2017	03:18:18.6	6.89	-76.26	11	1.3	0.3	250	8	URAMITA (ANTIOQUIA)
2785	Ago 30 2017	03:42:23.9	4.45	-76.28	109	1.4	0.4	162	11	EL DOVIO (VALLE)
2786	Ago 30 2017	04:27: 4.2	6.79	-73.13	140	1.9	0.5	113	18	LOS SANTOS (SANTANDER)
2787	Ago 30 2017	04:27:18.4	6.79	-73.12	146	1.9	0.7	114	19	LOS SANTOS (SANTANDER)
2788	Ago 30 2017	04:30:40.7	6.81	-73.12	139	1.5	0.4	215	13	LOS SANTOS (SANTANDER)
2789	Ago 30 2017	04:39:33.8	4.87	-76.16	106	1.6	0.4	103	22	SAN JOSE DEL PALMAR (CHOCO)
2790	Ago 30 2017	04:44:24.1	6.81	-73.13	140	2.2	0.6	113	37	LOS SANTOS (SANTANDER)
2791	Ago 30 2017	06:40: 8.4	6.76	-73.13	145	1.5	0.3	236	9	LOS SANTOS (SANTANDER)
2792	Ago 30 2017	06:43:25.8	6.80	-73.10	140	1.2	0.3	241	8	LOS SANTOS (SANTANDER)
2793	Ago 30 2017	07:02:35.8	6.29	-74.45	12	1.2	0.5	77	13	PUERTO NARE (ANTIOQUIA)
2794	Ago 30 2017	07:17:35.1	6.16	-73.42	130	1.4	0.5	97	16	SUAITA (SANTANDER)
2795	Ago 30 2017	07:54:54.4	6.79	-73.09	144	1.2	0.4	242	8	LOS SANTOS (SANTANDER)
2796	Ago 30 2017	08:15:49.9	6.81	-73.10	139	1.8	0.6	102	13	LOS SANTOS (SANTANDER)
2797	Ago 30 2017	08:25: 5.9	6.81	-73.10	142	2.0	0.4	243	19	LOS SANTOS (SANTANDER)
2798	Ago 30 2017	08:30:39.6	5.86	-73.51	131	1.4	0.2	145	12	MONIQUIRA (BOYACA)
2799	Ago 30 2017	08:40:23.5	4.56	-75.90	23	1.7	0.7	94	20	OBANDO (VALLE)
2800	Ago 30 2017	08:59:26.5	6.82	-73.14	147	1.6	0.4	215	11	LOS SANTOS (SANTANDER)
2801	Ago 30 2017	09:05:55.2	2.25	-75.73	Sup	1.6	0.6	68	27	AGRADO (HUILA)
2802	Ago 30 2017	09:32:44.9	5.68	-73.96	106	1.4	0.7	67	19	PAUNA (BOYACA)
2803	Ago 30 2017	10:18:53.9	6.78	-71.97	Sup	1.9	0.6	119	13	SARAVENA (ARAUCA)
2804	Ago 30 2017	10:23:20.4	6.10	-76.13	31	1.1	0.5	216	14	BETULIA (ANTIOQUIA)
2805	Ago 30 2017	10:27:58.1	6.85	-73.08	147	2.0	0.7	188	25	LOS SANTOS (SANTANDER)
2806	Ago 30 2017	11:07: 4.8	12.61	-70.50	Sup	2.5	0.5	213	10	MAR CARIBE
2807	Ago 30 2017	11:27:29.7	6.83	-73.03	139	1.4	0.5	251	10	CEPITA (SANTANDER)
2808	Ago 30 2017	11:44:43.3	6.85	-73.14	148	2.6	0.7	76	43	LOS SANTOS (SANTANDER)
2809	Ago 30 2017	11:58:26.0	6.83	-73.11	142	2.6	0.6	60	50	LOS SANTOS (SANTANDER)
2810	Ago 30 2017	12:08:20.1	7.80	-74.34	23	1.7	0.5	158	14	SANTA ROSA DEL SUR (BOLIVAR)
2811	Ago 30 2017	13:58:10.8	4.70	-76.10	90	1.3	0.5	117	15	ARGELIA (VALLE)
2812	Ago 30 2017	14:59:38.3	5.93	-73.75	116	1.7	0.4	135	16	SUCRE (SANTANDER)
2813	Ago 30 2017	15:51:43.6	1.77	-76.26	Sup	1.3	0.2	177	7	SAN AGUSTIN (HUILA)
2814	Ago 30 2017	15:52:50.0	6.82	-73.12	141	2.5	0.7	73	40	LOS SANTOS (SANTANDER)
2815	Ago 30 2017	16:33: 9.7	9.54	-74.09	10	2.3	0.7	122	26	ASTREA (CESAR)
2816	Ago 30 2017	16:56: 1.3	6.78	-73.10	134	1.7	0.5	116	18	LOS SANTOS (SANTANDER)
2817	Ago 30 2017	17:02: 4.1	6.82	-73.14	146	2.8	0.7	74	48	LOS SANTOS (SANTANDER)
2818	Ago 30 2017	17:17:24.2	6.69	-73.25	127	1.5	0.4	192	12	GALAN (SANTANDER)
2819	Ago 30 2017	18:05:59.8	6.81	-73.09	149	1.6	0.1	248	8	LOS SANTOS (SANTANDER)
2820	Ago 30 2017	18:36: 0.0	5.42	-74.67	12	1.9	0.6	74	28	LA DORADA (CALDAS)
2821	Ago 30 2017	21:45:50.6	4.56	-76.18	Sup	1.3	0.5	149	12	VERSALLES (VALLE)
2822	Ago 30 2017	22:02:19.6	9.66	-77.50	28	2.1	0.5	133	13	MAR CARIBE
2823	Ago 30 2017	22:30:59.6	7.29	-74.57	53	1.5	0.1	245	8	SEGOVIA (ANTIOQUIA)
2824	Ago 30 2017	22:31: 0.2	7.22	-74.68	37	1.5	0.1	317	8	SEGOVIA (ANTIOQUIA)
2825	Ago 30 2017	22:44:53.1	6.76	-73.08	153	1.4	0.2	146	8	LOS SANTOS (SANTANDER)
2826	Ago 30 2017	22:53:42.2	3.98	-76.24	134	1.2	0.3	167	9	SAN PEDRO (VALLE)
2827	Ago 30 2017	22:59:28.2	6.83	-72.99	141	1.3	0.2	254	9	CEPITA (SANTANDER)
2828	Ago 30 2017	23:33: 6.5	6.81	-73.09	139	1.4	0.1	116	9	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2829	Ago 31 2017	00:35:41.9	7.30	-72.29	9	1.2	0.5	235	8	TOLEDO (N.SANTANDER)
2830	Ago 31 2017	00:58:36.4	1.66	-77.16	11	1.6	0.5	144	13	LA UNION (NARINO)
2831	Ago 31 2017	01:00:11.1	6.87	-73.11	145	2.2	0.7	66	43	LOS SANTOS (SANTANDER)
2832	Ago 31 2017	01:20:35.5	6.64	-72.96	156	1.4	0.4	247	7	ARATOCA (SANTANDER)
2833	Ago 31 2017	01:57:33.9	6.78	-73.09	148	1.4	0.4	242	13	LOS SANTOS (SANTANDER)
2834	Ago 31 2017	02:03: 8.7	6.79	-73.14	143	1.9	0.4	112	23	LOS SANTOS (SANTANDER)
2835	Ago 31 2017	02:06:54.7	6.53	-73.47	111	2.6	0.6	43	56	EL CARMEN (SANTANDER)
2836	Ago 31 2017	02:40:22.3	6.79	-73.14	148	1.7	0.3	138	14	LOS SANTOS (SANTANDER)
2837	Ago 31 2017	02:52:53.1	6.81	-73.15	148	1.5	0.4	238	14	LOS SANTOS (SANTANDER)
2838	Ago 31 2017	02:56:44.7	1.58	-78.07	68	1.7	0.3	175	10	BARBACOAS (NARINO)
2839	Ago 31 2017	03:36:59.3	5.17	-77.74	29	1.5	0.3	300	8	O. PACIFICO CENTRO
2840	Ago 31 2017	03:44:19.3	4.27	-76.21	61	1.5	0.5	97	20	BOLIVAR (VALLE)
2841	Ago 31 2017	03:54: 3.4	6.79	-73.09	145	2.0	0.5	117	35	LOS SANTOS (SANTANDER)
2842	Ago 31 2017	04:03:16.5	4.44	-76.14	134	1.2	0.4	143	8	ROLDANILLO (VALLE)
2843	Ago 31 2017	04:32:45.9	7.46	-73.37	113	2.4	0.7	97	49	SABANA DE TORRES (SANTANDER)
2844	Ago 31 2017	04:48:52.5	1.38	-77.17	Sup	1.3	0.2	183	8	BUESACO (NARINO)
2845	Ago 31 2017	05:37: 9.7	6.81	-73.12	137	1.5	0.5	139	17	LOS SANTOS (SANTANDER)
2846	Ago 31 2017	05:39:37.4	6.77	-73.17	146	1.3	0.3	232	10	LOS SANTOS (SANTANDER)
2847	Ago 31 2017	05:57:11.1	5.25	-72.61	Sup	2.8	0.8	96	51	PAJARITO (BOYACA)
2848	Ago 31 2017	06:28:26.7	6.77	-73.11	140	1.5	0.4	142	12	LOS SANTOS (SANTANDER)
2849	Ago 31 2017	07:46:42.1	6.90	-76.20	Sup	2.2	0.7	79	35	URAMITA (ANTIOQUIA)
2850	Ago 31 2017	07:59:11.8	6.80	-73.11	141	2.2	0.6	115	31	LOS SANTOS (SANTANDER)
2851	Ago 31 2017	08:28: 3.9	6.80	-73.11	143	1.4	0.3	140	12	LOS SANTOS (SANTANDER)
2852	Ago 31 2017	09:06:48.3	6.71	-73.11	138	1.2	0.4	267	8	JORDAN (SANTANDER)
2853	Ago 31 2017	09:21:29.1	6.85	-73.06	134	1.5	0.3	273	7	LOS SANTOS (SANTANDER)
2854	Ago 31 2017	10:24:28.1	6.74	-73.17	155	1.3	0.4	135	8	LOS SANTOS (SANTANDER)
2855	Ago 31 2017	10:27: 9.1	6.80	-73.11	148	2.0	0.5	140	20	LOS SANTOS (SANTANDER)
2856	Ago 31 2017	10:36:51.7	6.77	-73.13	144	1.5	0.5	158	9	LOS SANTOS (SANTANDER)
2857	Ago 31 2017	10:42:12.4	6.84	-73.06	149	1.6	0.6	105	11	LOS SANTOS (SANTANDER)
2858	Ago 31 2017	11:36:49.6	4.76	-76.12	115	1.8	0.5	106	20	ARGELIA (VALLE)
2859	Ago 31 2017	12:03:37.8	10.91	-72.19	15	2.4	0.4	208	8	FRONTERA CON VENEZUELA
2860	Ago 31 2017	12:35:38.1	3.53	-74.98	23	2.4	0.7	75	38	DOLORES (TOLIMA)
2861	Ago 31 2017	12:41:51.4	6.82	-73.11	145	2.2	0.6	114	27	LOS SANTOS (SANTANDER)
2862	Ago 31 2017	12:55:46.8	6.79	-73.12	142	1.4	0.3	240	7	LOS SANTOS (SANTANDER)
2863	Ago 31 2017	13:11:59.5	6.82	-73.11	148	2.1	0.5	114	22	LOS SANTOS (SANTANDER)
2864	Ago 31 2017	13:36: 7.5	6.75	-73.18	144	1.7	0.5	110	12	LOS SANTOS (SANTANDER)
2865	Ago 31 2017	14:55: 2.6	6.76	-73.11	138	1.7	0.4	238	11	LOS SANTOS (SANTANDER)
2866	Ago 31 2017	15:05:55.1	7.60	-76.93	10	2.3	0.5	202	14	RIOSUCIO (CHOCO)
2867	Ago 31 2017	15:23:42.4	7.41	-73.46	102	1.7	0.5	248	10	SABANA DE TORRES (SANTANDER)
2868	Ago 31 2017	17:19:50.8	1.92	-75.99	Sup	2.3	0.6	93	29	TIMANA (HUILA)
2869	Ago 31 2017	17:45:38.4	1.91	-75.99	Sup	2.3	0.5	109	30	TIMANA (HUILA)
2870	Ago 31 2017	18:47: 5.2	6.86	-73.14	152	4.1	0.8	56	79	LOS SANTOS (SANTANDER)
2871	Ago 31 2017	20:02:39.7	3.83	-76.28	122	1.5	0.4	117	13	BUGA (VALLE)
2872	Ago 31 2017	20:27:17.6	6.56	-74.26	64	1.4	0.3	92	17	PUERTO BERRIO (ANTIOQUIA)
2873	Ago 31 2017	20:34:48.3	4.93	-76.10	108	1.6	0.3	168	12	EL AGUILA (VALLE)
2874	Ago 31 2017	20:59:15.1	6.75	-73.14	149	1.6	0.3	139	11	LOS SANTOS (SANTANDER)
2875	Ago 31 2017	22:19:57.5	3.78	-75.98	Sup	0.9	0.3	142	8	GINEBRA (VALLE)
2876	Ago 31 2017	22:37:53.7	3.43	-76.51	106	1.2	0.1	213	8	CALI (VALLE)
2877	Ago 31 2017	23:01:16.3	3.86	-75.65	Sup	0.8	0.0	179	7	RONCESVALLES (TOLIMA)
2878	Ago 31 2017	23:12: 3.9	4.47	-73.46	Sup	2.0	0.7	88	36	MEDINA (CUNDINAMARCA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2879	Ago 31 2017	23:22:16.3	6.79	-72.01	Sup	1.2	0.4	199	8	SARAVENA (ARAUCA)
2880	Sep 1 2017	00:21:53.8	6.76	-73.11	147	1.4	0.2	142	8	LOS SANTOS (SANTANDER)
2881	Sep 1 2017	01:45:26.3	6.83	-73.15	147	2.9	0.6	65	47	LOS SANTOS (SANTANDER)
2882	Sep 1 2017	01:57:33.0	5.81	-74.13	12	1.0	0.5	160	10	OTANCHE (BOYACA)
2883	Sep 1 2017	02:41:35.6	6.80	-73.12	143	1.1	0.1	139	8	LOS SANTOS (SANTANDER)
2884	Sep 1 2017	02:54:36.2	6.77	-73.09	147	1.8	0.4	117	22	LOS SANTOS (SANTANDER)
2885	Sep 1 2017	03:03:46.6	6.80	-73.12	144	1.6	0.4	114	12	LOS SANTOS (SANTANDER)
2886	Sep 1 2017	03:24:31.5	6.80	-73.13	144	1.4	0.2	138	10	LOS SANTOS (SANTANDER)
2887	Sep 1 2017	03:41:37.7	5.74	-76.00	66	1.4	0.4	152	12	BETANIA (ANTIOQUIA)
2888	Sep 1 2017	03:50:10.2	7.27	-73.06	158	1.8	0.4	119	13	MATANZA (SANTANDER)
2889	Sep 1 2017	04:40:52.6	6.78	-73.09	140	1.7	0.3	242	8	LOS SANTOS (SANTANDER)
2890	Sep 1 2017	04:59:50.3	6.79	-73.14	150	1.9	0.4	112	18	LOS SANTOS (SANTANDER)
2891	Sep 1 2017	05:59:42.5	6.76	-73.17	149	1.4	0.2	231	6	LOS SANTOS (SANTANDER)
2892	Sep 1 2017	06:03:20.7	6.98	-72.90	180	1.6	0.5	191	12	SANTA BARBARA (SANTANDER)
2893	Sep 1 2017	06:07:32.7	2.68	-76.59	131	1.1	0.3	187	10	CAJIBIO (CAUCA)
2894	Sep 1 2017	06:42:51.4	6.53	-77.58	Sup	2.7	0.4	190	9	O. PACIFICO NORTE
2895	Sep 1 2017	06:56:17.8	6.92	-77.72	18	3.3	0.3	170	7	O. PACIFICO NORTE
2896	Sep 1 2017	07:32:24.8	5.62	-74.07	100	1.1	0.4	222	8	SAN PABLO DE BORBUR (BOYACA)
2897	Sep 1 2017	07:34:42.8	2.95	-74.74	Sup	0.8	0.4	143	10	BARAYA (HUILA)
2898	Sep 1 2017	08:15:17.4	6.60	-76.62	Sup	1.5	0.7	157	13	VIGIA DEL FUERTE (ANTIOQUIA)
2899	Sep 1 2017	08:35:12.0	6.81	-73.13	146	1.2	0.4	137	9	LOS SANTOS (SANTANDER)
2900	Sep 1 2017	08:37:30.3	6.67	-73.39	112	0.9	0.1	149	6	GALAN (SANTANDER)
2901	Sep 1 2017	08:54:16.5	6.83	-73.01	143	1.6	0.4	253	10	CEPITA (SANTANDER)
2902	Sep 1 2017	08:59:13.0	6.82	-73.14	145	2.3	0.5	111	28	LOS SANTOS (SANTANDER)
2903	Sep 1 2017	09:23: 6.0	4.52	-75.68	Sup	1.0	0.5	153	12	ARMENIA (QUINDIO)
2904	Sep 1 2017	09:33:46.6	8.01	-74.83	Sup	1.8	0.3	240	8	NECHI (ANTIOQUIA)
2905	Sep 1 2017	09:51: 9.6	11.20	-74.04	Sup	1.6	0.6	178	9	PUEBLO BELLO (CESAR)
2906	Sep 1 2017	10:10:46.6	10.08	-73.89	Sup	1.3	0.4	144	11	EL COPEY (CESAR)
2907	Sep 1 2017	11:13:49.0	7.32	-77.16	Sup	1.7	0.4	191	8	RIOSUCIO (CHOCO)
2908	Sep 1 2017	11:18:22.9	6.68	-74.74	20	1.9	0.5	76	26	YALI (ANTIOQUIA)
2909	Sep 1 2017	13:14:11.0	6.77	-73.10	135	1.5	0.4	240	8	LOS SANTOS (SANTANDER)
2910	Sep 1 2017	13:53:33.3	6.75	-73.13	139	1.5	0.3	236	11	LOS SANTOS (SANTANDER)
2911	Sep 1 2017	15:32:50.2	3.89	-71.56	Sup	2.3	0.8	223	23	PUERTO GAITAN (META)
2912	Sep 1 2017	15:54: 6.7	6.79	-73.10	142	1.6	0.3	242	8	LOS SANTOS (SANTANDER)
2913	Sep 1 2017	16:41:53.1	6.78	-73.07	138	1.6	0.5	119	20	LOS SANTOS (SANTANDER)
2914	Sep 1 2017	16:59:54.6	3.54	-76.88	Sup	1.6	0.6	147	11	DAGUA (VALLE)
2915	Sep 1 2017	17:33:20.1	4.94	-75.54	Sup	1.9	0.6	94	36	CHINCHINA (CALDAS)
2916	Sep 1 2017	19:26:48.2	6.32	-73.49	117	2.8	0.5	49	56	CONTRATAACION (SANTANDER)
2917	Sep 1 2017	19:29:11.2	7.40	-73.26	118	2.7	0.7	97	43	EL PLAYON (SANTANDER)
2918	Sep 1 2017	20:17: 4.5	6.01	-72.20	Sup	1.4	0.4	133	13	SACAMA (CASANARE)
2919	Sep 1 2017	20:48:40.4	4.77	-74.73	Sup	1.2	0.5	90	20	BELTRAN (CUNDINAMARCA)
2920	Sep 1 2017	20:54:41.0	6.77	-73.12	148	2.0	0.4	141	18	LOS SANTOS (SANTANDER)
2921	Sep 1 2017	21:29:30.5	6.75	-73.10	146	1.6	0.2	238	12	LOS SANTOS (SANTANDER)
2922	Sep 1 2017	22:07:53.2	6.79	-73.12	143	1.9	0.4	114	25	LOS SANTOS (SANTANDER)
2923	Sep 1 2017	22:24:38.8	6.83	-73.12	147	1.1	0.1	138	8	LOS SANTOS (SANTANDER)
2924	Sep 1 2017	22:38:27.6	6.91	-72.94	135	1.2	0.1	158	10	SANTA BARBARA (SANTANDER)
2925	Sep 1 2017	22:56:47.5	6.80	-76.71	Sup	1.8	0.5	148	14	MURINDO (ANTIOQUIA)
2926	Sep 1 2017	23:37: 7.3	7.05	-75.65	Sup	1.2	0.3	104	10	TOLEDO (ANTIOQUIA)
2927	Sep 1 2017	23:49:45.7	6.77	-73.11	143	1.8	0.3	115	25	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2928	Sep 2 2017	00:43:21.9	5.23	-73.72	148	2.0	0.5	57	22	CUCUNUBA (CUNDINAMARCA)
2929	Sep 2 2017	01:43:58.6	6.47	-73.51	108	1.2	0.4	88	10	SANTA HELENA DEL OPON (SANTANDER)
2930	Sep 2 2017	02:37:27.4	6.78	-73.06	145	1.5	0.3	148	7	LOS SANTOS (SANTANDER)
2931	Sep 2 2017	03:14:14.8	6.79	-73.10	147	1.4	0.5	242	10	LOS SANTOS (SANTANDER)
2932	Sep 2 2017	03:44:13.5	7.13	-76.13	Sup	1.7	0.4	192	11	DABEIBA (ANTIOQUIA)
2933	Sep 2 2017	03:46:19.0	3.88	-76.32	121	1.3	0.5	250	10	BUGA (VALLE)
2934	Sep 2 2017	03:58:25.8	6.28	-73.73	102	1.5	0.5	79	18	LANDAZURI (SANTANDER)
2935	Sep 2 2017	04:23: 7.6	6.58	-73.40	114	1.2	0.3	147	7	HATO (SANTANDER)
2936	Sep 2 2017	04:40:47.9	6.83	-73.04	146	1.9	0.5	223	19	LOS SANTOS (SANTANDER)
2937	Sep 2 2017	05:13:56.3	6.80	-73.13	144	1.3	0.4	239	10	LOS SANTOS (SANTANDER)
2938	Sep 2 2017	05:24:33.4	6.82	-73.08	150	0.9	0.3	246	7	LOS SANTOS (SANTANDER)
2939	Sep 2 2017	06:00:20.5	6.88	-73.01	138	1.0	0.3	255	8	PIEDECUESTA (SANTANDER)
2940	Sep 2 2017	06:19: 0.5	6.79	-73.14	149	1.6	0.2	137	13	LOS SANTOS (SANTANDER)
2941	Sep 2 2017	06:21:32.5	2.29	-75.76	Sup	1.3	0.4	182	8	AGRADO (HUILA)
2942	Sep 2 2017	06:30:23.8	6.80	-73.16	140	1.2	0.6	236	10	LOS SANTOS (SANTANDER)
2943	Sep 2 2017	06:44:17.9	6.81	-73.13	140	1.2	0.3	138	9	LOS SANTOS (SANTANDER)
2944	Sep 2 2017	07:14:41.3	6.73	-73.18	138	1.2	0.5	227	10	VILLANUEVA (SANTANDER)
2945	Sep 2 2017	07:27:10.0	6.73	-73.17	154	1.1	0.3	229	6	VILLANUEVA (SANTANDER)
2946	Sep 2 2017	08:21:51.7	3.96	-78.58	12	2.2	0.8	254	14	O. PACIFICO SUR
2947	Sep 2 2017	09:14: 4.9	5.40	-76.71	27	1.4	0.6	251	10	EL CANTON DEL SAN PABL (CHOCO)
2948	Sep 2 2017	09:36:59.7	6.80	-73.13	148	2.1	0.4	108	22	LOS SANTOS (SANTANDER)
2949	Sep 2 2017	09:53:20.9	7.54	-74.36	52	2.2	0.4	203	17	EL BAGRE (ANTIOQUIA)
2950	Sep 2 2017	09:53:42.9	1.76	-77.33	22	1.7	0.4	199	10	EL ROSARIO (NARINO)
2951	Sep 2 2017	09:53:53.3	3.42	-74.64	20	2.5	0.7	111	18	COLOMBIA (HUILA)
2952	Sep 2 2017	10:21:40.1	6.85	-73.10	146	1.8	0.4	114	19	LOS SANTOS (SANTANDER)
2953	Sep 2 2017	10:55:10.9	5.07	-76.25	93	1.2	0.4	249	8	SAN JOSE DEL PALMAR (CHOCO)
2954	Sep 2 2017	11:22: 1.0	6.94	-73.27	114	1.7	0.4	234	12	BETULIA (SANTANDER)
2955	Sep 2 2017	12:28:26.6	6.80	-73.35	120	1.8	0.2	191	12	ZAPATOCA (SANTANDER)
2956	Sep 2 2017	13:37:19.1	6.77	-73.12	145	1.7	0.4	238	14	LOS SANTOS (SANTANDER)
2957	Sep 2 2017	13:53:17.3	6.86	-73.13	143	1.8	0.3	223	12	LOS SANTOS (SANTANDER)
2958	Sep 2 2017	14:02:10.8	6.80	-73.09	146	1.8	0.5	243	14	LOS SANTOS (SANTANDER)
2959	Sep 2 2017	14:06:56.7	6.78	-73.12	142	1.8	0.5	114	19	LOS SANTOS (SANTANDER)
2960	Sep 2 2017	14:30:39.1	6.62	-73.38	131	1.5	0.3	133	9	GALAN (SANTANDER)
2961	Sep 2 2017	14:47:54.9	6.83	-73.11	145	1.5	0.2	243	8	LOS SANTOS (SANTANDER)
2962	Sep 2 2017	17:14:39.1	11.19	-72.67	18	1.7	0.5	149	9	MANAURE BALCON CESAR (CESAR)
2963	Sep 2 2017	17:30: 3.4	9.70	-73.26	Sup	2.1	0.6	166	14	BECERRIL (CESAR)
2964	Sep 2 2017	17:58:41.4	3.43	-74.23	Sup	2.0	0.6	196	12	MESETAS (META)
2965	Sep 2 2017	18:25: 5.0	6.54	-73.51	108	2.1	0.4	65	36	EL CARMEN (SANTANDER)
2966	Sep 2 2017	19:46: 8.6	6.86	-73.29	147	1.5	0.3	110	9	BETULIA (SANTANDER)
2967	Sep 2 2017	21:02:49.6	5.73	-72.44	Sup	2.0	0.5	127	21	PISVA (BOYACA)
2968	Sep 2 2017	21:38: 4.3	2.53	-75.53	13	1.5	0.5	72	20	HOBO (HUILA)
2969	Sep 2 2017	21:50:28.6	3.88	-76.26	114	1.6	0.4	165	12	BUGA (VALLE)
2970	Sep 2 2017	21:50:41.2	6.33	-73.70	100	1.7	0.4	83	18	SANTA HELENA DEL OPON (SANTANDER)
2971	Sep 2 2017	21:54:12.9	5.54	-74.85	15	0.9	0.2	260	8	NORCASIA (CALDAS)
2972	Sep 2 2017	22:50:59.1	2.07	-75.72	Sup	1.6	0.3	119	14	ALTAMIRA (HUILA)
2973	Sep 3 2017	01:04:44.3	3.77	-75.65	Sup	1.3	0.5	80	14	CHAPARRAL (TOLIMA)
2974	Sep 3 2017	01:06:51.5	6.83	-73.13	145	1.8	0.5	111	18	LOS SANTOS (SANTANDER)
2975	Sep 3 2017	01:15:37.6	6.74	-73.09	147	1.4	0.3	239	8	LOS SANTOS (SANTANDER)
2976	Sep 3 2017	01:27:47.0	6.33	-73.56	116	1.3	0.2	84	9	SANTA HELENA DEL OPON (SANTANDER)
2977	Sep 3 2017	02:06:33.9	6.81	-73.11	146	2.5	0.5	114	31	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
2978	Sep 3 2017	02:22:15.6	6.79	-73.09	144	1.5	0.2	143	10	LOS SANTOS (SANTANDER)
2979	Sep 3 2017	02:42:44.5	6.82	-73.12	144	2.4	0.5	67	32	LOS SANTOS (SANTANDER)
2980	Sep 3 2017	02:50:50.7	6.82	-73.12	148	2.3	0.5	66	37	LOS SANTOS (SANTANDER)
2981	Sep 3 2017	03:08:45.5	6.80	-73.13	147	1.5	0.3	239	10	LOS SANTOS (SANTANDER)
2982	Sep 3 2017	03:43:21.1	6.07	-73.74	108	1.3	0.5	113	11	EL PENON (SANTANDER)
2983	Sep 3 2017	04:25:38.5	5.69	-73.88	108	1.7	0.6	46	24	BRICENO (BOYACA)
2984	Sep 3 2017	05:20: 6.4	6.80	-73.14	147	1.8	0.3	112	23	LOS SANTOS (SANTANDER)
2985	Sep 3 2017	06:53:35.3	6.84	-73.12	133	1.3	0.5	138	12	LOS SANTOS (SANTANDER)
2986	Sep 3 2017	07:07: 8.9	5.25	-73.71	152	2.6	0.6	58	40	CUCUNUBA (CUNDINAMARCA)
2987	Sep 3 2017	07:19:41.9	7.14	-73.36	111	1.0	0.3	151	8	LEBRIJA (SANTANDER)
2988	Sep 3 2017	07:37:11.8	6.87	-73.08	147	1.0	0.1	250	8	PIEDRECUESTA (SANTANDER)
2989	Sep 3 2017	08:09: 5.4	3.73	-75.98	146	1.8	0.4	149	15	GINEBRA (VALLE)
2990	Sep 3 2017	08:36:39.4	6.78	-73.13	149	1.5	0.4	121	14	LOS SANTOS (SANTANDER)
2991	Sep 3 2017	08:42:60.0	6.83	-73.13	147	1.7	0.3	155	19	LOS SANTOS (SANTANDER)
2992	Sep 3 2017	08:57:54.6	6.77	-73.11	143	2.1	0.5	160	17	LOS SANTOS (SANTANDER)
2993	Sep 3 2017	10:25:52.6	6.78	-73.08	145	1.3	0.2	242	8	LOS SANTOS (SANTANDER)
2994	Sep 3 2017	10:55:37.1	6.80	-73.14	147	1.3	0.3	137	12	LOS SANTOS (SANTANDER)
2995	Sep 3 2017	11:04:36.8	6.84	-73.03	142	1.1	0.1	252	7	CEPITA (SANTANDER)
2996	Sep 3 2017	11:17:45.8	6.77	-73.10	141	1.5	0.5	117	22	LOS SANTOS (SANTANDER)
2997	Sep 3 2017	11:20:36.5	6.47	-73.67	106	1.1	0.2	80	10	SANTA HELENA DEL OPO (SANTANDER)
2998	Sep 3 2017	12:34:59.9	6.77	-73.12	140	1.7	0.3	115	18	LOS SANTOS (SANTANDER)
2999	Sep 3 2017	12:45:57.4	7.23	-76.29	Sup	1.4	0.6	179	10	MUTATA (ANTIOQUIA)
3000	Sep 3 2017	14:09:31.3	6.64	-73.41	112	1.4	0.4	134	14	EL CARMEN (SANTANDER)
3001	Sep 3 2017	14:40:17.2	3.94	-75.56	Sup	1.4	0.4	91	19	RONCESVALLES (TOLIMA)
3002	Sep 3 2017	17:15:16.3	9.76	-73.06	Sup	1.9	0.4	257	14	BECERRIL (CESAR)
3003	Sep 3 2017	17:31:23.7	9.93	-73.56	Sup	2.1	0.6	142	12	BOSCONIA (CESAR)
3004	Sep 3 2017	17:33: 4.7	11.16	-72.79	Sup	1.5	0.3	159	7	MANAURE BALCON CESAR (CESAR)
3005	Sep 3 2017	17:44:33.4	4.65	-78.17	21	2.0	0.4	302	8	O. PACIFICO CENTRO
3006	Sep 3 2017	17:53: 0.9	6.76	-73.16	135	1.5	0.4	135	13	LOS SANTOS (SANTANDER)
3007	Sep 3 2017	18:05:24.8	6.74	-74.42	32	1.3	0.3	93	14	PUERTO BERRIO (ANTIOQUIA)
3008	Sep 3 2017	19:13:40.6	6.75	-73.07	143	1.3	0.3	147	10	LOS SANTOS (SANTANDER)
3009	Sep 3 2017	20:04:20.9	1.77	-76.28	Sup	2.1	0.4	100	24	SAN AGUSTIN (HUILA)
3010	Sep 3 2017	20:08: 2.1	6.79	-73.13	147	1.2	0.2	138	8	LOS SANTOS (SANTANDER)
3011	Sep 3 2017	20:32:60.0	6.81	-73.16	146	1.4	0.3	133	8	LOS SANTOS (SANTANDER)
3012	Sep 3 2017	20:58:38.9	6.91	-72.70	106	1.1	0.1	199	6	CERRITO (SANTANDER)
3013	Sep 3 2017	21:27:10.8	6.79	-73.06	142	1.0	0.2	148	7	LOS SANTOS (SANTANDER)
3014	Sep 3 2017	21:38:41.6	8.48	-74.27	30	1.4	0.3	158	10	TIQUISIO (BOLIVAR)
3015	Sep 3 2017	23:13:53.9	7.49	-74.97	Sup	2.1	0.5	95	26	ZARAGOZA (ANTIOQUIA)
3016	Sep 3 2017	23:19:11.0	6.85	-73.29	119	1.6	0.3	109	15	ZAPATOCA (SANTANDER)
3017	Sep 4 2017	00:34:13.7	6.82	-73.12	148	1.4	0.3	138	10	LOS SANTOS (SANTANDER)
3018	Sep 4 2017	00:54:43.9	4.48	-73.46	Sup	1.3	0.5	87	19	MEDINA (CUNDINAMARCA)
3019	Sep 4 2017	01:13: 7.3	6.24	-77.58	9	2.0	0.5	211	22	O. PACIFICO NORTE
3020	Sep 4 2017	01:48:53.3	6.56	-73.52	111	2.0	0.4	66	32	EL CARMEN (SANTANDER)
3021	Sep 4 2017	01:59:47.4	6.80	-73.14	143	1.2	0.4	137	10	LOS SANTOS (SANTANDER)
3022	Sep 4 2017	02:07:56.9	6.76	-73.12	142	1.6	0.3	141	16	LOS SANTOS (SANTANDER)
3023	Sep 4 2017	02:25:49.5	6.83	-73.15	149	1.2	0.4	133	12	LOS SANTOS (SANTANDER)
3024	Sep 4 2017	02:36:37.0	5.85	-73.71	116	1.3	0.4	154	16	PUENTE NACIONAL (SANTANDER)
3025	Sep 4 2017	02:43:55.0	3.69	-74.18	Sup	1.7	0.3	91	24	LEJANIAS (META)
3026	Sep 4 2017	02:53:13.4	5.23	-73.69	140	1.5	0.5	100	14	CUCUNUBA (CUNDINAMARCA)
3027	Sep 4 2017	03:14:42.9	6.74	-73.09	141	1.3	0.1	178	10	JORDAN (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3028	Sep 4 2017	03:23:14.6	8.02	-72.68	Sup	2.9	0.6	83	53	EL ZULIA (N.SANTANDER)
3029	Sep 4 2017	03:29:50.9	6.07	-73.66	118	1.3	0.4	182	8	CHIPATA (SANTANDER)
3030	Sep 4 2017	04:48:48.2	6.81	-73.17	147	1.4	0.5	133	14	LOS SANTOS (SANTANDER)
3031	Sep 4 2017	05:08: 5.3	1.97	-75.89	Sup	1.2	0.2	157	7	TIMANA (HUILA)
3032	Sep 4 2017	05:14: 8.0	6.75	-73.07	148	1.8	0.4	127	24	LOS SANTOS (SANTANDER)
3033	Sep 4 2017	05:36: 2.3	6.83	-73.12	147	2.6	0.4	67	52	LOS SANTOS (SANTANDER)
3034	Sep 4 2017	06:03:10.2	2.71	-75.08	Sup	1.3	0.3	196	14	RIVERA (HUILA)
3035	Sep 4 2017	06:46:54.6	6.80	-73.14	148	1.7	0.3	112	22	LOS SANTOS (SANTANDER)
3036	Sep 4 2017	06:52:58.3	6.80	-73.11	146	2.0	0.4	121	26	LOS SANTOS (SANTANDER)
3037	Sep 4 2017	07:41:54.2	6.80	-73.14	148	1.8	0.4	111	24	LOS SANTOS (SANTANDER)
3038	Sep 4 2017	08:00: 2.4	6.82	-73.14	150	2.4	0.7	74	46	LOS SANTOS (SANTANDER)
3039	Sep 4 2017	08:38:23.6	6.49	-76.62	Sup	1.4	0.3	293	8	VIGIA DEL FUERTE (ANTIOQUIA)
3040	Sep 4 2017	08:39:37.6	6.76	-73.20	146	1.4	0.4	229	8	ZAPATOCA (SANTANDER)
3041	Sep 4 2017	08:42:16.5	6.78	-73.16	138	1.2	0.8	244	8	LOS SANTOS (SANTANDER)
3042	Sep 4 2017	08:48:41.9	5.52	-72.52	19	1.6	0.5	93	20	LABRANZAGRANDE (BOYACA)
3043	Sep 4 2017	09:12: 5.3	6.80	-73.15	142	2.2	0.4	65	40	LOS SANTOS (SANTANDER)
3044	Sep 4 2017	10:28:44.2	6.77	-73.06	145	1.6	0.4	128	20	LOS SANTOS (SANTANDER)
3045	Sep 4 2017	10:47:37.3	7.67	-74.54	29	1.7	0.4	140	15	EL BAGRE (ANTIOQUIA)
3046	Sep 4 2017	10:48:29.2	5.36	-74.44	6	1.6	0.4	104	17	CAPARRAPI (CUNDINAMARCA)
3047	Sep 4 2017	10:59:46.3	4.53	-75.71	Sup	3.4*	0.7	74	73	ARMENIA (QUINDIO)
3048	Sep 4 2017	11:11:12.3	6.81	-73.14	143	2.3	0.4	104	40	LOS SANTOS (SANTANDER)
3049	Sep 4 2017	11:13: 5.3	6.80	-73.13	145	1.7	0.4	101	23	LOS SANTOS (SANTANDER)
3050	Sep 4 2017	11:42:55.3	6.81	-73.15	140	2.2	0.4	103	37	LOS SANTOS (SANTANDER)
3051	Sep 4 2017	14:32:13.4	6.77	-73.13	138	2.1	0.5	98	26	LOS SANTOS (SANTANDER)
3052	Sep 4 2017	14:52:25.7	7.46	-73.37	112	1.6	0.7	204	14	SABANA DE TORRES (SANTANDER)
3053	Sep 4 2017	16:59:15.4	12.09	-74.35	19	2.0	0.9	259	9	MAR CARIBE
3054	Sep 4 2017	17:20:36.8	6.68	-73.20	148	1.5	0.3	216	8	VILLANUEVA (SANTANDER)
3055	Sep 4 2017	17:45:42.2	2.39	-75.63	12	1.7	0.4	83	15	GIGANTE (HUILA)
3056	Sep 4 2017	18:16:51.2	7.63	-75.16	Sup	1.9	0.4	182	11	CACERES (ANTIOQUIA)
3057	Sep 4 2017	18:44: 0.6	6.82	-73.15	148	3.2	0.4	64	61	LOS SANTOS (SANTANDER)
3058	Sep 4 2017	20:22:38.1	6.81	-73.12	147	2.0	0.4	139	23	LOS SANTOS (SANTANDER)
3059	Sep 4 2017	20:28:23.4	6.82	-73.14	156	5.0*	0.7	56	123	LOS SANTOS (SANTANDER)
3060	Sep 4 2017	21:31: 6.3	5.62	-74.35	82	1.9	0.4	67	25	LA VICTORIA (BOYACA)
3061	Sep 5 2017	00:27:21.4	6.75	-73.12	144	2.0	0.3	115	23	LOS SANTOS (SANTANDER)
3062	Sep 5 2017	01:04:38.1	6.85	-73.48	124	1.9	0.2	285	7	SAN VICENTE DE CHUCURI (SANTANDER)
3063	Sep 5 2017	01:47: 1.0	4.86	-76.29	106	2.5	0.6	164	30	SAN JOSE DEL PALMAR (CHOCO)
3064	Sep 5 2017	02:10:16.3	3.43	-74.24	Sup	1.9	0.5	80	25	MESETAS (META)
3065	Sep 5 2017	02:44:35.2	5.26	-73.72	147	2.9	0.4	55	56	CUCUNUBA (CUNDINAMARCA)
3066	Sep 5 2017	04:02:47.4	6.79	-73.15	139	2.1	0.5	111	40	LOS SANTOS (SANTANDER)
3067	Sep 5 2017	04:05:18.2	6.13	-72.39	Sup	1.2	0.8	265	10	LA SALINA (CASANARE)
3068	Sep 5 2017	04:06:42.6	6.79	-73.13	147	1.4	0.3	139	10	LOS SANTOS (SANTANDER)
3069	Sep 5 2017	04:32: 7.6	5.07	-77.61	30	2.0	0.6	205	28	O. PACIFICO CENTRO
3070	Sep 5 2017	04:48:19.7	6.80	-73.14	147	1.8	0.3	112	24	LOS SANTOS (SANTANDER)
3071	Sep 5 2017	04:53:30.8	6.76	-73.12	147	1.9	0.3	115	28	LOS SANTOS (SANTANDER)
3072	Sep 5 2017	05:04:25.9	6.80	-73.14	148	2.5	0.5	66	54	LOS SANTOS (SANTANDER)
3073	Sep 5 2017	05:12:31.2	2.47	-75.51	8	1.3	0.4	74	14	GIGANTE (HUILA)
3074	Sep 5 2017	05:31:36.0	3.70	-75.59	Sup	1.6	0.4	46	20	CHAPARRAL (TOLIMA)
3075	Sep 5 2017	05:50:31.9	6.71	-73.16	146	1.1	0.4	229	9	VILLANUEVA (SANTANDER)

*Magnitud de Momento (Mw)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3076	Sep 5 2017	05:54:29.9	8.70	-73.20	128	2.0	0.4	150	30	EL TARRA (N.SANTANDER)
3077	Sep 5 2017	06:04:20.5	6.95	-73.50	107	1.1	0.4	193	8	SAN VICENTE DE CHUCURI (SANTANDER)
3078	Sep 5 2017	06:30:29.4	6.30	-74.36	17	0.8	0.7	176	8	PUERTO BERRIO (ANTIOQUIA)
3079	Sep 5 2017	06:35:55.8	6.78	-73.16	149	1.3	0.5	234	12	LOS SANTOS (SANTANDER)
3080	Sep 5 2017	06:41: 9.8	6.78	-73.13	144	1.7	0.4	138	18	LOS SANTOS (SANTANDER)
3081	Sep 5 2017	06:55:56.2	6.74	-73.11	143	1.3	0.3	236	12	LOS SANTOS (SANTANDER)
3082	Sep 5 2017	07:06:53.5	6.79	-73.14	144	1.8	0.5	137	20	LOS SANTOS (SANTANDER)
3083	Sep 5 2017	07:41:13.3	6.80	-73.09	147	1.5	0.4	243	10	LOS SANTOS (SANTANDER)
3084	Sep 5 2017	08:09:47.7	6.76	-73.12	151	1.5	0.4	141	12	LOS SANTOS (SANTANDER)
3085	Sep 5 2017	08:29:53.6	10.14	-72.62	Sup	2.2	0.5	160	20	FRONTERA CON VENEZUELA
3086	Sep 5 2017	08:32:51.1	6.80	-73.14	146	1.2	0.3	137	9	LOS SANTOS (SANTANDER)
<u>3087</u>	<u>Sep 5 2017</u>	<u>08:37:57.9</u>	<u>1.16</u>	<u>-77.42</u>	<u>19</u>	<u>3.3*</u>	<u>0.1</u>	<u>290</u>	<u>51</u>	<u>VOLCAN GALERAS</u>
3088	Sep 5 2017	09:16:18.4	4.78	-74.67	Sup	1.2	0.5	205	10	BELTRAN (CUNDINAMARCA)
3089	Sep 5 2017	09:41:31.7	4.73	-76.15	93	2.3	0.4	122	46	ARGELIA (VALLE)
3090	Sep 5 2017	10:14:10.2	6.76	-73.10	143	1.2	0.2	143	12	LOS SANTOS (SANTANDER)
3091	Sep 5 2017	10:21:14.7	6.89	-73.01	170	1.1	0.2	148	9	PIEDRECUESTA (SANTANDER)
3092	Sep 5 2017	11:37:50.8	2.97	-77.94	8	2.3	0.5	163	19	O. PACIFICO SUR
3093	Sep 5 2017	11:38:36.6	6.44	-75.11	Sup	1.5	0.6	135	8	SANTO DOMINGO (ANTIOQUIA)
3094	Sep 5 2017	11:55:36.2	7.47	-73.12	137	2.1	0.4	197	22	EL PLAYON (SANTANDER)
3095	Sep 5 2017	12:22:34.9	6.74	-73.06	137	0.9	0.3	150	8	JORDAN (SANTANDER)
3096	Sep 5 2017	12:33: 8.6	6.76	-72.96	141	1.2	0.4	162	8	CEPITA (SANTANDER)
3097	Sep 5 2017	13:11:42.9	2.54	-75.40	24	1.9	0.7	90	17	HOBO (HUILA)
3098	Sep 5 2017	13:58:34.6	6.84	-73.17	144	1.5	0.3	187	10	ZAPATOCA (SANTANDER)
3099	Sep 5 2017	14:08: 2.9	6.77	-73.10	143	2.1	0.4	116	26	LOS SANTOS (SANTANDER)
3100	Sep 5 2017	15:10:49.7	7.24	-73.37	111	1.5	0.2	162	10	SABANA DE TORRES (SANTANDER)
3101	Sep 5 2017	15:23:56.0	6.82	-73.29	119	2.1	0.4	105	23	ZAPATOCA (SANTANDER)
3102	Sep 5 2017	16:28:14.5	7.18	-76.86	24	1.4	0.1	121	9	MURINDO (ANTIOQUIA)
3103	Sep 5 2017	16:34:46.2	2.89	-77.99	18	2.0	0.5	164	12	O. PACIFICO SUR
3104	Sep 5 2017	17:52:45.0	5.91	-74.87	Sup	1.2	0.8	93	12	SAN LUIS (ANTIOQUIA)
3105	Sep 5 2017	18:02: 8.7	6.75	-73.12	142	1.2	0.2	142	8	LOS SANTOS (SANTANDER)
3106	Sep 5 2017	18:05: 9.0	4.77	-76.20	101	2.0	0.4	93	22	EL CAIRO (VALLE)
3107	Sep 5 2017	18:29:25.2	3.39	-76.56	58	1.8	0.4	62	26	CALI (VALLE)
3108	Sep 5 2017	18:31: 1.4	5.07	-72.96	Sup	1.9	0.6	81	21	PAEZ (BOYACA)
3109	Sep 5 2017	19:20:41.8	6.78	-73.14	140	1.8	0.4	112	18	LOS SANTOS (SANTANDER)
3110	Sep 5 2017	20:29: 9.2	6.77	-73.13	144	1.8	0.4	139	17	LOS SANTOS (SANTANDER)
3111	Sep 5 2017	20:55:45.5	6.77	-73.11	144	1.7	0.4	116	16	LOS SANTOS (SANTANDER)
3112	Sep 5 2017	21:04:37.7	3.53	-76.12	Sup	1.3	0.5	94	10	PRADERA (VALLE)
3113	Sep 5 2017	21:57:28.1	6.27	-74.68	Sup	1.4	0.3	196	10	PUERTO NARE (ANTIOQUIA)
3114	Sep 5 2017	22:02:24.9	3.85	-71.44	Sup	2.3	0.6	230	19	PUERTO GAITAN (META)
3115	Sep 5 2017	22:02:24.9	3.85	-71.44	Sup	2.3	0.6	230	19	PUERTO GAITAN (META)
3116	Sep 5 2017	22:22: 1.8	6.80	-73.40	122	1.4	0.2	177	7	SAN VICENTE DE CHUCURI (SANTANDER)
3117	Sep 5 2017	22:59:58.6	8.41	-73.29	118	2.0	0.2	272	10	TEORAMA (N.SANTANDER)
3118	Sep 5 2017	23:01: 3.1	5.98	-72.62	Sup	1.4	0.2	262	6	SOCOTA (BOYACA)
3119	Sep 5 2017	23:30: 3.4	3.41	-76.41	69	1.1	0.4	133	11	CANDELARIA (VALLE)
3120	Sep 5 2017	23:44: 4.6	6.80	-73.10	143	1.7	0.5	115	22	LOS SANTOS (SANTANDER)
3121	Sep 6 2017	00:23:23.0	2.07	-77.21	115	1.5	0.2	178	8	BALBOA (CAUCA)
3122	Sep 6 2017	01:02:17.7	8.43	-74.17	74	1.7	0.1	161	10	TIQUISIO (BOLIVAR)
3123	Sep 6 2017	01:15:20.0	5.24	-73.73	147	2.0	0.5	55	35	CUCUNUBA (CUNDINAMARCA)
3124	Sep 6 2017	01:46:27.6	6.76	-73.38	113	1.6	0.4	94	18	SAN VICENTE DE CHUCURI (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3125	Sep 6 2017	02:42:34.3	6.67	-74.79	7	1.0	0.2	188	7	YALI (ANTIOQUIA)
3126	Sep 6 2017	02:46:24.7	2.82	-79.46	12	2.3	0.3	303	16	O. PACIFICO SUR
3127	Sep 6 2017	02:46:44.9	6.76	-73.10	138	1.9	0.5	143	18	LOS SANTOS (SANTANDER)
3128	Sep 6 2017	02:51: 3.3	6.71	-73.19	142	1.3	0.4	225	9	VILLANUEVA (SANTANDER)
3129	Sep 6 2017	03:18:28.3	6.83	-73.15	148	2.9	0.6	65	65	LOS SANTOS (SANTANDER)
3130	Sep 6 2017	05:18:42.8	7.66	-74.16	11	1.4	0.5	206	10	SAN PABLO (BOLIVAR)
3131	Sep 6 2017	05:51:13.3	6.76	-73.12	142	2.0	0.3	96	30	LOS SANTOS (SANTANDER)
3132	Sep 6 2017	06:13:37.1	6.53	-73.52	107	1.8	0.6	67	22	EL CARMEN (SANTANDER)
3133	Sep 6 2017	06:36: 4.3	2.66	-74.33	Sup	1.3	0.6	94	13	URIBE (META)
3134	Sep 6 2017	07:55: 2.5	6.75	-73.15	151	1.2	0.3	232	8	LOS SANTOS (SANTANDER)
3135	Sep 6 2017	08:02:40.7	2.49	-75.48	10	1.3	0.7	79	16	HOBO (HUILA)
3136	Sep 6 2017	10:05:18.5	3.87	-75.50	Sup	1.2	0.3	143	9	SAN ANTONIO (TOLIMA)
3137	Sep 6 2017	10:09: 5.4	6.86	-72.99	126	1.2	0.3	153	8	CEPITA (SANTANDER)
3138	Sep 6 2017	10:13:57.3	2.91	-74.80	Sup	1.4	0.4	135	12	BARAYA (HUILA)
3139	Sep 6 2017	11:18: 7.0	5.90	-74.40	Sup	1.5	0.7	60	24	PUERTO BOYACA (BOYACA)
3140	Sep 6 2017	11:58: 6.2	6.71	-73.13	139	1.5	0.4	232	8	JORDAN (SANTANDER)
3141	Sep 6 2017	13:28: 3.2	3.54	-76.26	130	1.6	0.4	119	18	PALMIRA (VALLE)
3142	Sep 6 2017	14:23:10.0	6.74	-73.11	142	1.4	0.4	144	9	LOS SANTOS (SANTANDER)
3143	Sep 6 2017	15:08:51.7	6.78	-73.08	151	1.5	0.3	145	11	LOS SANTOS (SANTANDER)
3144	Sep 6 2017	16:37:46.3	6.79	-73.15	147	1.8	0.4	136	14	LOS SANTOS (SANTANDER)
3145	Sep 6 2017	18:44:51.2	6.83	-73.14	144	3.5	0.5	56	84	LOS SANTOS (SANTANDER)
3146	Sep 6 2017	19:52:37.3	6.79	-73.10	138	1.8	0.5	116	19	LOS SANTOS (SANTANDER)
3147	Sep 6 2017	20:11: 6.0	5.07	-74.62	29	0.9	0.1	218	7	GUADUAS (CUNDINAMARCA)
3148	Sep 6 2017	20:46:52.4	9.87	-75.34	30	2.5	0.5	176	28	MARIA LA BAJA (BOLIVAR)
3149	Sep 6 2017	22:19:58.1	6.78	-73.08	132	1.2	0.3	174	7	LOS SANTOS (SANTANDER)
3150	Sep 6 2017	22:20: 5.1	6.76	-73.04	148	1.6	0.4	154	12	LOS SANTOS (SANTANDER)
3151	Sep 6 2017	22:39:12.4	6.83	-73.15	151	2.9	0.6	64	67	LOS SANTOS (SANTANDER)
3152	Sep 6 2017	23:24:59.9	6.77	-73.16	140	1.2	0.2	135	6	LOS SANTOS (SANTANDER)
3153	Sep 6 2017	23:29:10.4	6.79	-73.13	147	1.6	0.3	139	19	LOS SANTOS (SANTANDER)
3154	Sep 6 2017	23:30:28.2	6.76	-73.11	148	1.8	0.3	123	20	LOS SANTOS (SANTANDER)
3155	Sep 7 2017	02:00:54.1	7.25	-76.29	Sup	1.7	0.6	168	20	MUTATA (ANTIOQUIA)
3156	Sep 7 2017	02:18:14.5	6.82	-73.07	137	1.2	0.4	247	8	LOS SANTOS (SANTANDER)
3157	Sep 7 2017	02:48:50.2	7.03	-73.35	118	1.1	0.5	143	8	BETULIA (SANTANDER)
3158	Sep 7 2017	04:07:41.7	5.83	-73.73	125	1.1	0.5	119	8	JESUS MARIA (SANTANDER)
3159	Sep 7 2017	04:16:43.8	6.78	-73.12	146	1.6	0.3	141	13	LOS SANTOS (SANTANDER)
3160	Sep 7 2017	04:33:13.6	4.86	-73.62	Sup	1.6	0.7	157	20	GACHETA (CUNDINAMARCA)
3161	Sep 7 2017	04:45:14.9	4.45	-73.30	Sup	1.0	0.4	127	9	MEDINA (CUNDINAMARCA)
3162	Sep 7 2017	05:43:52.9	10.84	-73.65	68	1.0	0.4	123	8	PUEBLO BELLO (CESAR)
3163	Sep 7 2017	07:06:57.7	6.77	-73.13	142	1.7	0.3	113	22	LOS SANTOS (SANTANDER)
3164	Sep 7 2017	07:20:32.4	4.64	-74.79	Sup	2.1	0.5	68	42	PULI (CUNDINAMARCA)
3165	Sep 7 2017	07:27:19.2	6.74	-73.10	141	1.3	0.3	118	11	JORDAN (SANTANDER)
3166	Sep 7 2017	07:44:35.5	11.55	-77.46	18	2.3	0.5	152	16	MAR CARIBE
3167	Sep 7 2017	07:50:11.3	6.77	-73.12	141	1.4	0.3	140	10	LOS SANTOS (SANTANDER)
3168	Sep 7 2017	08:05:49.6	6.41	-73.17	210	1.5	0.2	231	9	PARAMO (SANTANDER)
3169	Sep 7 2017	09:33:27.4	3.60	-76.31	12	1.3	0.4	133	16	PALMIRA (VALLE)
3170	Sep 7 2017	09:42:59.2	7.47	-75.34	27	1.6	0.4	128	18	CACERES (ANTIOQUIA)
3171	Sep 7 2017	11:38:37.9	7.03	-73.30	117	1.7	0.2	136	13	LEBRIJA (SANTANDER)
3172	Sep 7 2017	11:51:20.2	6.76	-73.13	136	1.7	0.5	140	16	LOS SANTOS (SANTANDER)
3173	Sep 7 2017	12:04:34.3	6.04	-73.53	116	1.4	0.4	137	10	SAN JOSE DE PARE (BOYACA)
3174	Sep 7 2017	12:05:34.9	4.12	-76.33	126	1.4	0.4	200	10	RIOFRIO (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3175	Sep 7 2017	12:43:25.0	3.26	-74.38	Sup	2.0	0.4	115	31	URIBE (META)
3176	Sep 7 2017	13:28:58.9	3.94	-76.22	108	1.7	0.4	76	24	SAN PEDRO (VALLE)
3177	Sep 7 2017	14:04:48.7	6.79	-73.05	135	1.4	0.5	247	8	LOS SANTOS (SANTANDER)
3178	Sep 7 2017	16:44:24.8	6.77	-73.12	146	1.2	0.4	141	10	LOS SANTOS (SANTANDER)
3179	Sep 7 2017	17:23:45.1	6.77	-73.17	139	1.7	0.1	134	8	LOS SANTOS (SANTANDER)
3180	Sep 7 2017	17:57:53.3	6.74	-73.13	144	1.7	0.4	140	18	LOS SANTOS (SANTANDER)
3181	Sep 7 2017	18:04:28.1	5.61	-73.94	108	1.5	0.4	96	20	PAUNA (BOYACA)
3182	Sep 7 2017	19:12:39.6	6.74	-73.19	135	1.4	0.2	132	9	VILLANUEVA (SANTANDER)
3183	Sep 7 2017	19:13:28.9	6.77	-73.12	139	1.3	0.5	140	9	LOS SANTOS (SANTANDER)
3184	Sep 7 2017	19:15:39.1	6.78	-73.09	149	2.3	0.4	117	29	LOS SANTOS (SANTANDER)
3185	Sep 7 2017	19:44:37.5	6.81	-73.15	138	1.6	0.4	135	14	LOS SANTOS (SANTANDER)
3186	Sep 7 2017	21:23: 8.3	3.21	-78.66	Sup	3.0	0.8	222	51	O. PACIFICO SUR
3187	Sep 7 2017	21:58: 2.8	4.15	-76.81	71	1.4	0.3	140	13	BUENAVENTURA (VALLE)
3188	Sep 7 2017	22:08: 5.8	7.51	-72.93	154	1.7	0.5	217	14	SURATA (SANTANDER)
3189	Sep 7 2017	22:23:16.3	6.77	-73.10	141	1.3	0.4	143	10	LOS SANTOS (SANTANDER)
3190	Sep 7 2017	23:49: 9.2	6.75	-72.96	148	1.2	0.4	163	8	CEPITA (SANTANDER)
3191	Sep 7 2017	23:56:35.2	7.06	-73.44	109	1.0	0.3	142	9	SAN VICENTE DE CHUCURI (SANTANDER)
3192	Sep 8 2017	00:18:32.6	6.76	-73.10	141	1.4	0.3	143	9	LOS SANTOS (SANTANDER)
3193	Sep 8 2017	00:34:14.6	3.83	-76.79	93	1.8	0.4	97	20	DAGUA (VALLE)
3194	Sep 8 2017	03:12:56.6	6.78	-73.12	150	1.4	0.4	239	9	LOS SANTOS (SANTANDER)
3195	Sep 8 2017	03:24:36.9	4.80	-73.55	Sup	1.1	0.7	167	9	UBALA (CUNDINAMARCA)
3196	Sep 8 2017	03:37:38.7	5.67	-76.38	61	1.7	0.5	189	14	LLORO (CHOCO)
3197	Sep 8 2017	03:44: 8.5	6.76	-73.13	144	1.1	0.2	236	7	LOS SANTOS (SANTANDER)
3198	Sep 8 2017	04:26:45.1	6.75	-73.12	147	1.2	0.4	142	10	LOS SANTOS (SANTANDER)
3199	Sep 8 2017	05:28:24.1	6.83	-73.31	117	1.5	0.4	207	8	ZAPATOCA (SANTANDER)
3200	Sep 8 2017	05:32:15.5	6.77	-73.09	144	1.5	0.3	144	10	LOS SANTOS (SANTANDER)
3201	Sep 8 2017	05:33: 0.6	6.84	-73.03	149	1.4	0.3	149	10	CEPITA (SANTANDER)
3202	Sep 8 2017	05:56:15.2	2.00	-76.09	Sup	1.6	0.5	109	18	SALADOBLANCO (HUILA)
3203	Sep 8 2017	06:00:40.2	6.81	-73.11	146	2.1	0.5	115	27	LOS SANTOS (SANTANDER)
3204	Sep 8 2017	06:14:37.3	6.83	-73.08	146	1.2	0.4	142	9	LOS SANTOS (SANTANDER)
3205	Sep 8 2017	06:21:34.8	8.75	-73.41	111	1.2	0.4	145	15	EL CARMEN (N.SANTANDER)
3206	Sep 8 2017	06:34:44.2	6.65	-73.18	142	1.5	0.2	137	14	VILLANUEVA (SANTANDER)
3207	Sep 8 2017	07:23: 0.8	6.81	-73.12	146	1.1	0.3	138	10	LOS SANTOS (SANTANDER)
3208	Sep 8 2017	07:26:30.6	6.79	-73.18	140	1.1	0.1	131	9	ZAPATOCA (SANTANDER)
3209	Sep 8 2017	07:52:47.9	6.13	-72.87	Sup	2.5	0.7	138	33	TUTAZA (BOYACA)
3210	Sep 8 2017	08:22:10.7	6.76	-73.12	142	1.6	0.2	141	12	LOS SANTOS (SANTANDER)
3211	Sep 8 2017	08:57:19.8	6.78	-76.92	32	1.6	0.3	209	10	VIGIA DEL FUERTE (ANTIOQUIA)
3212	Sep 8 2017	10:17: 7.1	5.93	-73.75	110	1.5	0.2	86	10	SUCRE (SANTANDER)
3213	Sep 8 2017	10:20:27.4	5.30	-74.50	18	1.0	0.4	180	12	CAPARRAPI (CUNDINAMARCA)
3214	Sep 8 2017	10:32: 7.2	5.28	-72.83	Sup	2.5	0.5	73	51	CHAMEZA (CASANARE)
3215	Sep 8 2017	10:35:13.2	6.78	-73.14	140	1.2	0.4	138	8	LOS SANTOS (SANTANDER)
3216	Sep 8 2017	11:19:49.9	4.31	-76.85	16	1.2	0.4	293	8	SIPI (CHOCO)
3217	Sep 8 2017	11:29: 2.3	6.57	-73.17	20	2.0	0.5	141	16	PINCHOTE (SANTANDER)
3218	Sep 8 2017	12:23:24.9	5.30	-73.78	141	1.2	0.2	171	8	UBATE (CUNDINAMARCA)
3219	Sep 8 2017	12:31:59.9	6.75	-73.11	141	1.2	0.3	143	9	LOS SANTOS (SANTANDER)
3220	Sep 8 2017	12:37: 0.7	6.77	-73.11	138	1.3	0.3	142	10	LOS SANTOS (SANTANDER)
3221	Sep 8 2017	14:11: 0.0	6.78	-73.14	145	1.4	0.4	138	10	LOS SANTOS (SANTANDER)
3222	Sep 8 2017	15:03: 7.8	6.86	-76.18	Sup	1.8	0.4	169	9	URAMITA (ANTIOQUIA)
3223	Sep 8 2017	15:05:59.4	2.43	-75.49	7	1.3	0.2	155	12	GIGANTE (HUILA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3224	Sep 8 2017	15:12:16.7	5.27	-73.74	144	3.8*	0.6	54	80	CUCUNUBA (CUNDINAMARCA)
3225	Sep 8 2017	15:16:23.8	5.93	-75.81	6	1.3	0.1	158	8	TARSO (ANTIOQUIA)
3226	Sep 8 2017	16:03:59.4	6.81	-73.16	139	1.6	0.4	134	12	LOS SANTOS (SANTANDER)
3227	Sep 8 2017	16:51: 0.7	5.70	-74.22	35	2.3	0.4	47	42	OTANCHE (BOYACA)
3228	Sep 8 2017	16:58:27.5	6.75	-73.12	149	1.7	0.4	141	13	LOS SANTOS (SANTANDER)
3229	Sep 8 2017	17:39: 1.3	6.57	-73.36	116	1.2	0.3	144	8	HATO (SANTANDER)
3230	Sep 8 2017	17:43: 3.9	6.84	-73.25	125	1.2	0.3	209	10	ZAPATOCA (SANTANDER)
3231	Sep 8 2017	18:03:51.0	7.39	-73.18	135	1.6	0.4	183	10	EL PLAYON (SANTANDER)
3232	Sep 8 2017	19:24:24.5	6.79	-73.15	139	0.8	0.3	136	8	LOS SANTOS (SANTANDER)
3233	Sep 8 2017	19:35:15.8	6.78	-73.14	151	1.5	0.2	138	8	LOS SANTOS (SANTANDER)
3234	Sep 8 2017	20:04:42.6	6.80	-73.12	149	1.6	0.4	140	14	LOS SANTOS (SANTANDER)
3235	Sep 8 2017	20:34:52.5	6.80	-73.11	148	1.7	0.3	140	17	LOS SANTOS (SANTANDER)
3236	Sep 8 2017	21:22:29.7	6.82	-73.13	151	1.7	0.3	112	16	LOS SANTOS (SANTANDER)
3237	Sep 8 2017	21:25:32.4	6.59	-73.41	121	1.9	0.3	74	24	HATO (SANTANDER)
3238	Sep 8 2017	21:27:36.6	6.81	-73.14	145	2.1	0.5	112	24	LOS SANTOS (SANTANDER)
3239	Sep 8 2017	22:26: 8.6	1.88	-75.99	Sup	2.1	0.6	113	24	PITALITO (HUILA)
3240	Sep 8 2017	22:30:38.1	6.80	-73.13	149	1.4	0.2	137	8	LOS SANTOS (SANTANDER)
3241	Sep 9 2017	03:17: 4.1	3.75	-76.84	Sup	1.5	0.4	136	12	DAGUA (VALLE)
3242	Sep 9 2017	03:55:14.7	6.80	-73.10	149	2.0	0.4	116	30	LOS SANTOS (SANTANDER)
3243	Sep 9 2017	04:12:14.0	5.34	-75.96	80	1.5	0.4	139	12	MISTRATO (RISARALDA)
3244	Sep 9 2017	05:06:43.4	7.09	-75.27	Sup	3.1	0.7	44	53	CAMPAMENTO (ANTIOQUIA)
3245	Sep 9 2017	06:00:30.9	6.80	-73.13	146	2.1	0.4	112	30	LOS SANTOS (SANTANDER)
3246	Sep 9 2017	06:03:19.2	7.08	-75.29	12	1.8	0.4	74	24	CAMPAMENTO (ANTIOQUIA)
3247	Sep 9 2017	06:09:43.0	6.55	-73.52	133	1.1	0.3	94	12	EL CARMEN (SANTANDER)
3248	Sep 9 2017	06:13:12.2	6.77	-73.12	146	1.5	0.2	140	12	LOS SANTOS (SANTANDER)
3249	Sep 9 2017	06:50:10.9	4.79	-76.24	105	1.3	0.2	156	10	EL CAIRO (VALLE)
3250	Sep 9 2017	06:59:25.8	6.32	-74.39	23	1.1	0.5	75	13	PUERTO BERRIO (ANTIOQUIA)
3251	Sep 9 2017	08:16:40.0	6.77	-73.12	140	1.3	0.4	141	12	LOS SANTOS (SANTANDER)
3252	Sep 9 2017	09:53:34.7	6.80	-73.10	146	1.4	0.3	141	12	LOS SANTOS (SANTANDER)
3253	Sep 9 2017	10:03:38.6	6.79	-73.16	145	2.0	0.4	110	28	LOS SANTOS (SANTANDER)
3254	Sep 9 2017	10:08:58.1	7.20	-76.02	41	1.5	0.1	176	8	PEQUE (ANTIOQUIA)
3255	Sep 9 2017	10:25:40.0	6.75	-73.15	151	1.1	0.2	138	9	LOS SANTOS (SANTANDER)
3256	Sep 9 2017	10:39:23.9	6.79	-73.13	142	2.4	0.4	100	41	LOS SANTOS (SANTANDER)
3257	Sep 9 2017	11:05: 2.6	6.78	-73.14	146	2.1	0.4	137	17	LOS SANTOS (SANTANDER)
3258	Sep 9 2017	11:19:15.2	6.81	-74.81	26	1.3	0.2	101	12	VEGACHI (ANTIOQUIA)
3259	Sep 9 2017	11:36:20.1	5.27	-73.75	135	1.3	0.5	131	12	CUCUNUBA (CUNDINAMARCA)
3260	Sep 9 2017	12:03:33.0	6.78	-73.17	139	1.9	0.3	209	20	LOS SANTOS (SANTANDER)
3261	Sep 9 2017	13:38:49.4	6.78	-73.16	148	1.2	0.3	135	8	LOS SANTOS (SANTANDER)
3262	Sep 9 2017	16:15:31.0	6.78	-73.12	142	1.4	0.3	140	10	LOS SANTOS (SANTANDER)
3263	Sep 9 2017	16:40:32.8	6.82	-73.12	143	2.2	0.5	113	40	LOS SANTOS (SANTANDER)
3264	Sep 9 2017	16:56: 3.6	6.77	-73.13	143	1.5	0.4	139	9	LOS SANTOS (SANTANDER)
3265	Sep 9 2017	17:42:27.4	6.79	-73.15	145	2.3	0.5	100	43	LOS SANTOS (SANTANDER)
3266	Sep 9 2017	18:22:37.9	6.84	-73.30	120	1.6	0.3	107	13	ZAPATOCA (SANTANDER)
3267	Sep 9 2017	19:27:20.2	6.80	-73.13	145	1.4	0.3	137	11	LOS SANTOS (SANTANDER)
3268	Sep 9 2017	19:46:20.8	6.79	-73.14	144	2.7	0.5	66	60	LOS SANTOS (SANTANDER)
3269	Sep 9 2017	19:55:44.8	6.79	-73.14	142	1.4	0.3	112	10	LOS SANTOS (SANTANDER)
3270	Sep 9 2017	20:23:25.9	6.80	-73.14	145	2.1	0.4	112	28	LOS SANTOS (SANTANDER)
3271	Sep 9 2017	21:44:17.1	7.35	-73.53	111	1.4	0.4	174	9	SABANA DE TORRES (SANTANDER)
3272	Sep 9 2017	22:22:31.7	6.94	-76.16	Sup	1.8	0.6	144	21	URAMITA (ANTIOQUIA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3273	Sep 9 2017	22:38: 2.5	6.78	-73.31	127	1.3	0.2	99	9	ZAPATOCA (SANTANDER)
3274	Sep 9 2017	23:01:45.6	6.75	-73.13	145	2.1	0.4	122	27	LOS SANTOS (SANTANDER)
3275	Sep 9 2017	23:11:40.7	3.74	-76.68	79	1.2	0.3	124	6	DAGUA (VALLE)
3276	Sep 9 2017	23:40:49.4	6.34	-73.71	51	2.0	0.4	79	25	SANTA HELENA DEL OPON (SANTANDER)
3277	Sep 10 2017	00:29: 0.2	6.75	-73.05	142	1.8	0.5	151	16	LOS SANTOS (SANTANDER)
3278	Sep 10 2017	00:58:17.7	5.91	-74.05	87	1.3	0.4	95	12	LA BELLEZA (SANTANDER)
3279	Sep 10 2017	01:01:48.6	6.76	-73.07	139	1.3	0.3	148	8	LOS SANTOS (SANTANDER)
3280	Sep 10 2017	01:02:31.9	6.81	-73.07	145	1.4	0.3	246	8	LOS SANTOS (SANTANDER)
3281	Sep 10 2017	01:10:51.4	6.83	-72.96	154	1.2	0.4	160	10	CEPITA (SANTANDER)
3282	Sep 10 2017	01:53:24.2	6.81	-72.98	142	2.7	0.3	253	8	CEPITA (SANTANDER)
3283	Sep 10 2017	02:20:49.2	6.77	-73.12	143	1.3	0.3	140	9	LOS SANTOS (SANTANDER)
3284	Sep 10 2017	04:20:10.1	6.79	-73.16	145	1.6	0.3	110	18	LOS SANTOS (SANTANDER)
3285	Sep 10 2017	04:20:23.0	4.90	-76.08	110	1.6	0.5	93	24	EL AGUILA (VALLE)
3286	Sep 10 2017	05:22:21.4	6.67	-76.26	Sup	1.3	0.5	165	15	FRONTINO (ANTIOQUIA)
3287	Sep 10 2017	05:24:56.9	6.78	-73.10	146	1.6	0.3	142	16	LOS SANTOS (SANTANDER)
3288	Sep 10 2017	05:31:50.9	3.89	-76.31	117	1.4	0.3	135	10	BUGA (VALLE)
3289	Sep 10 2017	06:22: 8.1	4.67	-76.21	120	2.2	0.3	147	14	EL CAIRO (VALLE)
3290	Sep 10 2017	07:47:18.0	8.09	-75.16	15	1.6	0.6	132	23	CAUCASIA (ANTIOQUIA)
3291	Sep 10 2017	08:00:46.6	6.14	-73.60	121	0.9	0.3	130	8	LA PAZ (SANTANDER)
3292	Sep 10 2017	08:06:31.3	2.79	-76.92	110	1.6	0.5	174	23	SUAREZ (CAUCA)
3293	Sep 10 2017	08:16:17.7	6.75	-73.08	142	1.7	0.4	147	10	LOS SANTOS (SANTANDER)
3294	Sep 10 2017	09:50:44.7	6.77	-73.18	137	1.4	0.5	133	14	LOS SANTOS (SANTANDER)
3295	Sep 10 2017	10:23:40.5	6.54	-74.19	18	1.1	0.6	83	12	PUERTO PARRA (SANTANDER)
3296	Sep 10 2017	10:27:29.6	6.77	-73.12	138	1.5	0.4	141	14	LOS SANTOS (SANTANDER)
3297	Sep 10 2017	10:37:56.4	6.46	-73.84	28	0.8	0.2	245	8	CIMITARRA (SANTANDER)
3298	Sep 10 2017	10:46:31.0	3.88	-76.22	110	2.8	0.6	61	69	BUGA (VALLE)
3299	Sep 10 2017	10:57:20.4	6.76	-73.16	147	1.4	0.4	136	11	LOS SANTOS (SANTANDER)
3300	Sep 10 2017	11:48:24.5	6.80	-73.14	138	2.5	0.5	112	39	LOS SANTOS (SANTANDER)
3301	Sep 10 2017	13:29: 6.7	6.81	-73.10	143	1.5	0.4	243	11	LOS SANTOS (SANTANDER)
3302	Sep 10 2017	13:43:24.0	6.83	-73.09	136	1.5	0.5	141	9	LOS SANTOS (SANTANDER)
3303	Sep 10 2017	15:00:13.4	6.08	-73.78	104	1.4	0.4	164	10	EL PENON (SANTANDER)
3304	Sep 10 2017	15:17:45.0	1.52	-73.78	Sup	2.2	0.5	209	15	LA MACARENA (META)
3305	Sep 10 2017	15:31:29.7	4.88	-76.16	106	1.1	0.2	148	8	SAN JOSE DEL PALMAR (CHOCO)
3306	Sep 10 2017	16:53:55.9	1.65	-76.80	Sup	1.7	0.5	138	15	LA CRUZ (NARINO)
3307	Sep 10 2017	17:01:49.0	6.79	-73.14	134	2.1	0.5	112	33	LOS SANTOS (SANTANDER)
3308	Sep 10 2017	17:57:20.3	6.81	-73.09	149	1.9	0.3	116	20	LOS SANTOS (SANTANDER)
3309	Sep 10 2017	18:22: 4.9	3.96	-76.57	73	2.2	0.4	103	31	CALIMA (VALLE)
3310	Sep 10 2017	19:17:33.0	10.70	-73.72	60	1.9	0.4	107	14	PUEBLO BELLO (CESAR)
3311	Sep 10 2017	19:45:15.4	6.72	-73.14	154	1.4	0.3	231	9	JORDAN (SANTANDER)
3312	Sep 10 2017	20:19: 5.6	6.86	-76.34	Sup	1.8	0.8	185	18	DABEIBA (ANTIOQUIA)
3313	Sep 10 2017	21:11:34.6	2.70	-74.97	11	1.5	0.4	95	15	RIVERA (HUILA)
3314	Sep 10 2017	21:30:58.2	6.84	-73.30	121	2.1	0.4	58	34	ZAPATOCA (SANTANDER)
3315	Sep 10 2017	21:36: 3.4	6.83	-73.13	151	3.2	0.6	56	85	LOS SANTOS (SANTANDER)
3316	Sep 10 2017	21:45:20.5	6.75	-73.12	141	1.8	0.3	141	20	LOS SANTOS (SANTANDER)
3317	Sep 10 2017	22:11: 6.4	6.78	-73.11	145	1.6	0.4	141	17	LOS SANTOS (SANTANDER)
3318	Sep 10 2017	22:22:13.5	6.79	-73.13	143	1.6	0.4	138	10	LOS SANTOS (SANTANDER)
3319	Sep 10 2017	23:30:39.0	6.76	-73.15	145	1.9	0.4	112	27	LOS SANTOS (SANTANDER)
3320	Sep 10 2017	23:34:28.4	6.78	-73.14	149	1.9	0.4	113	27	LOS SANTOS (SANTANDER)
3321	Sep 11 2017	00:28:23.0	5.04	-77.63	28	1.5	0.4	281	10	O. PACIFICO CENTRO

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3322	Sep 11 2017	00:30:55.3	4.45	-76.20	112	1.5	0.5	154	15	EL DOVIO (VALLE)
3323	Sep 11 2017	01:09: 1.4	6.76	-73.04	150	1.6	0.3	246	8	LOS SANTOS (SANTANDER)
3324	Sep 11 2017	03:15:40.5	6.79	-73.09	Sup	1.6	0.6	117	14	LOS SANTOS (SANTANDER)
3325	Sep 11 2017	03:26:17.1	6.83	-73.32	123	1.7	0.2	106	18	ZAPATOCA (SANTANDER)
3326	Sep 11 2017	03:45:23.2	2.88	-76.39	78	1.1	0.4	101	18	CALDONO (CAUCA)
3327	Sep 11 2017	03:50:41.6	10.07	-73.12	111	1.2	0.2	169	11	AGUSTIN CODAZZI (CESAR)
3328	Sep 11 2017	04:07:22.5	6.80	-73.15	145	1.7	0.4	110	25	LOS SANTOS (SANTANDER)
3329	Sep 11 2017	04:22:20.5	7.94	-75.06	11	1.4	0.4	234	17	CAUCASIA (ANTIOQUIA)
3330	Sep 11 2017	04:35:22.2	5.27	-73.72	146	1.9	0.6	54	36	LENGUAZAQUE (CUNDINAMARCA)
3331	Sep 11 2017	04:40:25.6	6.74	-73.06	142	1.0	0.2	150	8	JORDAN (SANTANDER)
3332	Sep 11 2017	04:42:17.8	6.78	-73.09	140	1.1	0.3	143	8	LOS SANTOS (SANTANDER)
3333	Sep 11 2017	04:43:20.3	0.43	-77.24	Sup	2.3	0.5	207	24	SAN MIGUEL (PUTUMAYO)
3334	Sep 11 2017	04:59:27.5	6.75	-73.12	149	1.3	0.3	236	11	LOS SANTOS (SANTANDER)
3335	Sep 11 2017	05:00:57.7	6.95	-73.19	130	1.0	0.2	126	8	BETULIA (SANTANDER)
3336	Sep 11 2017	05:09:17.4	5.51	-73.83	126	1.2	0.2	147	14	SIMIJACA (CUNDINAMARCA)
3337	Sep 11 2017	05:37:14.2	6.80	-73.14	148	1.7	0.4	112	28	LOS SANTOS (SANTANDER)
3338	Sep 11 2017	06:18:48.1	6.78	-73.06	147	1.6	0.4	127	24	LOS SANTOS (SANTANDER)
3339	Sep 11 2017	06:40:51.2	6.74	-76.73	Sup	1.9	0.5	111	32	VIGIA DEL FUERTE (ANTIOQUIA)
3340	Sep 11 2017	06:54: 9.0	4.83	-76.67	19	1.5	0.7	112	27	NOVITA (CHOCO)
3341	Sep 11 2017	07:35:55.9	7.20	-73.55	17	1.5	0.6	158	13	SABANA DE TORRES (SANTANDER)
3342	Sep 11 2017	07:40: 3.5	6.98	-72.10	6	1.5	0.5	210	16	CUBARA (BOYACA)
3343	Sep 11 2017	07:59:56.8	6.88	-73.12	149	1.5	0.5	116	21	PIEDRECUESTA (SANTANDER)
3344	Sep 11 2017	08:27:11.6	4.83	-77.90	27	2.0	0.7	254	34	O. PACIFICO CENTRO
3345	Sep 11 2017	08:29:10.3	7.32	-73.31	113	2.1	0.6	88	43	RIONEGRO (SANTANDER)
3346	Sep 11 2017	08:52: 8.7	6.79	-73.12	148	1.5	0.3	121	14	LOS SANTOS (SANTANDER)
3347	Sep 11 2017	08:55:17.0	6.81	-73.15	147	2.2	0.5	65	46	LOS SANTOS (SANTANDER)
3348	Sep 11 2017	09:09: 9.1	6.78	-73.06	142	1.1	0.4	245	11	LOS SANTOS (SANTANDER)
3349	Sep 11 2017	09:14:45.5	5.36	-72.77	Sup	0.9	0.5	132	10	PAJARITO (BOYACA)
3350	Sep 11 2017	09:21:17.1	5.85	-73.81	106	1.3	0.3	144	11	JESUS MARIA (SANTANDER)
3351	Sep 11 2017	09:53:46.8	3.15	-77.73	Sup	1.3	0.5	134	12	O. PACIFICO SUR
3352	Sep 11 2017	09:58:54.2	2.63	-79.56	8	1.9	0.3	305	16	O. PACIFICO SUR
3353	Sep 11 2017	10:42: 4.3	3.28	-71.71	Sup	2.2	0.4	249	15	MAPIRIPAN (META)
3354	Sep 11 2017	11:13:59.3	5.75	-72.57	Sup	3.0	0.7	156	46	PISVA (BOYACA)
3355	Sep 11 2017	11:30:17.0	2.39	-75.60	Sup	1.4	0.4	124	12	GIGANTE (HUILA)
3356	Sep 11 2017	11:49:44.3	7.20	-76.85	18	2.8	0.5	73	51	MURINDO (ANTIOQUIA)
3357	Sep 11 2017	12:09:34.3	6.41	-76.88	Sup	2.2	0.4	122	24	BOJAYA (CHOCO)
3358	Sep 11 2017	12:54:26.2	3.40	-76.42	97	1.3	0.5	117	12	CANDELARIA (VALLE)
3359	Sep 11 2017	13:18:49.4	2.97	-77.77	Sup	1.5	0.1	163	12	O. PACIFICO SUR
3360	Sep 11 2017	13:22: 6.4	6.81	-73.12	141	2.4	0.6	102	37	LOS SANTOS (SANTANDER)
3361	Sep 11 2017	13:33:40.8	4.44	-76.18	Sup	1.4	0.5	149	14	ROLDANILLO (VALLE)
3362	Sep 11 2017	15:25:54.7	6.82	-73.06	147	2.5	0.5	119	43	LOS SANTOS (SANTANDER)
3363	Sep 11 2017	16:53:54.3	2.56	-75.75	Sup	1.3	0.1	101	9	NATAGA (HUILA)
3364	Sep 11 2017	18:47: 2.2	8.90	-73.93	16	1.9	0.4	103	12	EL PENON (BOLIVAR)
3365	Sep 11 2017	20:40:29.2	6.76	-73.07	150	1.7	0.4	147	12	LOS SANTOS (SANTANDER)
3366	Sep 11 2017	20:43: 5.5	6.83	-73.34	118	2.0	0.3	105	14	ZAPATOCA (SANTANDER)
3367	Sep 11 2017	21:07: 3.9	3.01	-74.63	Sup	1.8	0.4	158	18	URIBE (META)
3368	Sep 11 2017	21:35: 3.2	6.76	-73.11	141	2.0	0.2	143	14	LOS SANTOS (SANTANDER)
3369	Sep 11 2017	22:12:22.1	6.76	-73.07	139	1.4	0.5	148	9	LOS SANTOS (SANTANDER)
3370	Sep 11 2017	22:33: 4.2	6.76	-73.10	148	1.8	0.3	143	12	LOS SANTOS (SANTANDER)
3371	Sep 11 2017	22:53: 5.4	5.23	-73.02	Sup	3.3	0.8	63	50	SAN EDUARDO (BOYACA)
3372	Sep 11 2017	23:28:35.6	6.78	-73.15	154	1.5	0.3	235	7	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3373	Sep 11 2017	23:34: 7.2	6.77	-73.15	146	1.6	0.4	137	13	LOS SANTOS (SANTANDER)
3374	Sep 11 2017	23:43:50.9	0.19	-77.51	Sup	2.2	0.5	160	12	FRONTERA CON ECUADOR
3375	Sep 11 2017	23:50:35.2	6.81	-73.13	148	1.9	0.4	138	18	LOS SANTOS (SANTANDER)
3376	Sep 12 2017	00:19:41.2	4.72	-77.44	54	1.9	0.5	209	10	O. PACIFICO CENTRO
3377	Sep 12 2017	00:48:14.7	6.77	-73.11	140	1.7	0.3	115	22	LOS SANTOS (SANTANDER)
3378	Sep 12 2017	00:54:52.4	6.80	-73.17	141	1.3	0.3	235	8	LOS SANTOS (SANTANDER)
3379	Sep 12 2017	01:28:34.5	4.42	-75.02	16	1.2	0.2	161	16	ALVARADO (TOLIMA)
3380	Sep 12 2017	01:45:33.8	6.75	-73.10	147	1.5	0.1	238	8	LOS SANTOS (SANTANDER)
3381	Sep 12 2017	01:47: 4.8	6.77	-73.11	144	1.6	0.4	142	17	LOS SANTOS (SANTANDER)
3382	Sep 12 2017	01:53:30.4	6.77	-73.11	149	1.4	0.3	142	11	LOS SANTOS (SANTANDER)
3383	Sep 12 2017	02:04: 6.2	2.49	-75.49	21	0.9	0.1	234	6	HOBO (HUILA)
3384	Sep 12 2017	02:04:31.4	6.60	-73.43	159	1.2	0.3	121	8	EL CARMEN (SANTANDER)
3385	Sep 12 2017	02:48: 0.4	1.84	-75.68	Sup	1.7	0.4	93	22	SUAZA (HUILA)
3386	Sep 12 2017	03:02: 6.5	4.73	-76.29	109	1.9	0.5	80	30	EL CAIRO (VALLE)
3387	Sep 12 2017	03:07:45.5	0.92	-77.25	Sup	2.1	0.7	143	18	FUNES (NARINO)
3388	Sep 12 2017	03:13:43.7	6.77	-73.11	136	2.0	0.5	115	34	LOS SANTOS (SANTANDER)
3389	Sep 12 2017	<u>03:40:32.6</u>	<u>3.28</u>	<u>-74.38</u>	Sup	3.2*	<u>1.1</u>	<u>62</u>	<u>66</u>	<u>URIBE (META)</u>
3390	Sep 12 2017	04:04:59.5	4.89	-76.10	113	0.8	0.2	128	8	EL AGUILA (VALLE)
3391	Sep 12 2017	04:12:37.5	1.93	-76.00	Sup	1.8	0.7	107	23	TIMANA (HUILA)
3392	Sep 12 2017	04:28:30.0	3.62	-74.47	Sup	1.0	0.7	173	16	VILLARRICA (TOLIMA)
3393	Sep 12 2017	05:44:10.7	6.78	-73.11	142	1.3	0.1	240	8	LOS SANTOS (SANTANDER)
3394	Sep 12 2017	05:57:27.8	6.36	-73.66	108	1.0	0.2	104	10	SANTA HELENA DEL OPOON (SANTANDER)
3395	Sep 12 2017	06:03:33.6	6.78	-76.43	12	1.9	0.5	177	17	DABEIBA (ANTIOQUIA)
3396	Sep 12 2017	06:04:14.7	6.82	-76.39	Sup	2.4	0.6	56	50	DABEIBA (ANTIOQUIA)
3397	Sep 12 2017	06:22:49.3	8.75	-73.83	98	1.5	0.5	132	16	REGIDOR (BOLIVAR)
3398	Sep 12 2017	06:46:46.1	6.76	-73.11	148	1.3	0.3	239	10	LOS SANTOS (SANTANDER)
3399	Sep 12 2017	07:07:16.9	6.78	-73.13	140	1.4	0.4	238	10	LOS SANTOS (SANTANDER)
3400	Sep 12 2017	07:21:34.1	6.77	-73.10	143	1.5	0.5	165	15	LOS SANTOS (SANTANDER)
3401	Sep 12 2017	07:27:13.5	6.32	-73.57	112	2.5	0.5	41	65	SANTA HELENA DEL OPOON (SANTANDER)
3402	Sep 12 2017	07:34:31.8	5.89	-73.60	125	1.4	0.1	152	10	BARBOSA (SANTANDER)
3403	Sep 12 2017	07:47:29.3	6.81	-73.06	152	1.7	0.5	226	15	LOS SANTOS (SANTANDER)
3404	Sep 12 2017	07:48: 5.1	3.85	-76.29	130	1.1	0.3	128	11	BUGA (VALLE)
3405	Sep 12 2017	08:05: 3.9	7.05	-76.15	Sup	1.5	0.6	94	14	DABEIBA (ANTIOQUIA)
3406	Sep 12 2017	09:09:48.5	5.24	-73.75	144	2.0	0.5	54	37	CUCUNUBA (CUNDINAMARCA)
3407	Sep 12 2017	09:31:22.7	3.84	-76.27	119	1.6	0.5	123	16	BUGA (VALLE)
3408	Sep 12 2017	10:42:45.0	6.78	-73.10	140	1.5	0.5	143	14	LOS SANTOS (SANTANDER)
3409	Sep 12 2017	11:12:26.7	6.81	-73.15	144	2.5	0.5	104	34	LOS SANTOS (SANTANDER)
3410	Sep 12 2017	12:34:22.2	6.81	-73.11	143	2.0	0.5	242	18	LOS SANTOS (SANTANDER)
3411	Sep 12 2017	12:46: 2.2	6.75	-73.17	143	1.4	0.2	230	8	LOS SANTOS (SANTANDER)
3412	Sep 12 2017	14:10:41.5	6.81	-73.15	145	1.5	0.3	135	10	LOS SANTOS (SANTANDER)
3413	Sep 12 2017	14:59:58.9	6.81	-73.13	145	1.5	0.1	240	10	LOS SANTOS (SANTANDER)
3414	Sep 12 2017	15:10: 4.2	6.76	-73.09	141	2.1	0.3	172	11	LOS SANTOS (SANTANDER)
3415	Sep 12 2017	15:45:57.2	10.22	-73.05	119	1.7	0.6	226	8	SAN DIEGO (CESAR)
3416	Sep 12 2017	15:51:44.1	2.42	-75.57	13	1.9	0.4	133	14	GIGANTE (HUILA)
3417	Sep 12 2017	16:56: 4.5	4.67	-72.92	Sup	2.1	0.7	84	21	VILLANUEVA (CASANARE)
3418	Sep 12 2017	17:46:13.8	7.49	-73.19	128	1.4	0.4	197	9	EL PLAYON (SANTANDER)
3419	Sep 12 2017	20:23: 3.0	6.75	-73.08	141	1.6	0.4	240	14	LOS SANTOS (SANTANDER)
3420	Sep 12 2017	20:39: 2.0	6.81	-72.93	148	1.5	0.4	259	8	CEPITA (SANTANDER)
3421	Sep 12 2017	20:53:51.7	2.76	-76.58	130	1.5	0.2	191	7	MORALES (CAUCA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3422	Sep 12 2017	22:53:48.4	11.10	-72.71	Sup	1.5	0.6	152	10	MANAURE BALCON CESAR (CESAR)
3423	Sep 13 2017	00:18:19.7	6.79	-73.12	147	1.9	0.5	115	26	LOS SANTOS (SANTANDER)
3424	Sep 13 2017	01:16:53.1	5.04	-76.21	Sup	1.2	0.3	169	10	SAN JOSE DEL PALMAR (CHOCO)
3425	Sep 13 2017	01:58:45.9	6.80	-73.12	145	1.5	0.5	240	12	LOS SANTOS (SANTANDER)
3426	Sep 13 2017	02:38:12.7	6.79	-73.14	142	2.0	0.4	112	26	LOS SANTOS (SANTANDER)
3427	Sep 13 2017	02:39:34.2	6.75	-73.10	141	1.7	0.2	212	10	LOS SANTOS (SANTANDER)
3428	Sep 13 2017	02:49:32.6	6.02	-73.66	115	1.5	0.4	109	20	VELEZ (SANTANDER)
3429	Sep 13 2017	03:01:52.4	6.77	-73.12	146	1.5	0.3	238	14	LOS SANTOS (SANTANDER)
3430	Sep 13 2017	03:04:46.2	5.12	-72.75	Sup	1.7	0.6	110	20	RECETOR (CASANARE)
3431	Sep 13 2017	03:07: 3.1	9.56	-73.16	132	4.7*	0.7	59	122	LA JAGUA DE IBIRICO (CESAR)
3432	Sep 13 2017	03:17:40.5	6.77	-73.16	149	1.4	0.2	233	8	LOS SANTOS (SANTANDER)
3433	Sep 13 2017	03:34:40.3	0.90	-79.75	15	4.3*	0.4	278	99	FRONTERA CON ECUADOR
3434	Sep 13 2017	03:39: 5.9	3.15	-76.50	123	1.4	0.4	220	10	VILLA RICA (CAUCA)
3435	Sep 13 2017	03:59:54.9	6.85	-73.14	143	2.6	0.6	64	64	LOS SANTOS (SANTANDER)
3436	Sep 13 2017	04:39:38.3	10.37	-72.97	Sup	2.7	0.6	145	24	MANAURE BALCON CESAR (CESAR)
3437	Sep 13 2017	04:52:45.1	1.84	-76.15	Sup	1.4	0.3	126	18	PITALITO (HUILA)
3438	Sep 13 2017	04:57:15.4	4.68	-77.39	52	2.1	0.4	191	24	O. PACIFICO CENTRO
3439	Sep 13 2017	05:08:26.2	6.78	-73.11	147	1.5	0.5	116	19	LOS SANTOS (SANTANDER)
3440	Sep 13 2017	05:24:43.6	6.75	-73.11	143	1.7	0.4	116	24	LOS SANTOS (SANTANDER)
3441	Sep 13 2017	05:29:56.7	6.23	-73.83	Sup	1.3	0.3	165	12	LANDAZURI (SANTANDER)
3442	Sep 13 2017	05:54:28.4	9.45	-73.18	131	2.0	0.6	165	14	FRONTERA CON VENEZUELA
3443	Sep 13 2017	07:31:32.6	6.79	-73.16	148	1.1	0.3	235	9	LOS SANTOS (SANTANDER)
3444	Sep 13 2017	07:36:49.7	7.00	-71.82	10	1.6	0.4	246	10	SARAVENA (ARAUCA)
3445	Sep 13 2017	07:47:11.0	5.53	-77.58	46	1.4	0.3	267	10	O. PACIFICO NORTE
3446	Sep 13 2017	08:08:11.0	5.19	-73.16	Sup	1.5	0.1	150	25	MIRAFLORES (BOYACA)
3447	Sep 13 2017	09:58: 3.4	6.80	-73.04	143	1.8	0.2	248	8	LOS SANTOS (SANTANDER)
3448	Sep 13 2017	10:05:27.9	6.68	-73.18	148	1.5	0.3	223	8	VILLANUEVA (SANTANDER)
3449	Sep 13 2017	10:18:47.9	11.16	-74.37	30	1.3	0.3	236	12	MAR CARIBE
3450	Sep 13 2017	10:29:10.8	3.90	-73.69	Sup	1.6	0.3	147	19	CASTILLA LA NUEVA (META)
3451	Sep 13 2017	10:52:53.5	6.79	-73.05	141	1.3	0.2	246	8	LOS SANTOS (SANTANDER)
3452	Sep 13 2017	11:19:32.8	6.74	-73.08	147	1.9	0.3	127	20	JORDAN (SANTANDER)
3453	Sep 13 2017	11:27:41.5	10.09	-72.69	Sup	3.3	0.5	143	35	FRONTERA CON VENEZUELA
3454	Sep 13 2017	12:02:51.1	4.58	-75.87	Sup	1.4	0.5	91	15	OBANDO (VALLE)
3455	Sep 13 2017	12:13:37.7	6.82	-73.10	148	1.7	0.3	218	16	LOS SANTOS (SANTANDER)
3456	Sep 13 2017	12:30:50.3	6.76	-73.10	144	1.9	0.3	143	16	LOS SANTOS (SANTANDER)
3457	Sep 13 2017	12:47:49.9	6.81	-73.13	149	2.5	0.4	66	48	LOS SANTOS (SANTANDER)
3458	Sep 13 2017	13:37:10.7	6.81	-73.14	141	2.1	0.4	112	24	LOS SANTOS (SANTANDER)
3459	Sep 13 2017	13:52: 8.5	6.79	-73.10	153	1.7	0.4	143	14	LOS SANTOS (SANTANDER)
3460	Sep 13 2017	13:54:22.9	6.79	-73.15	144	1.6	0.3	135	12	LOS SANTOS (SANTANDER)
3461	Sep 13 2017	14:16: 2.9	3.23	-76.58	109	2.4	0.8	55	38	JAMUNDI (VALLE)
3462	Sep 13 2017	14:17:25.2	10.80	-73.24	87	1.6	0.5	123	12	LA PAZ (CESAR)
3463	Sep 13 2017	14:46: 9.3	4.82	-76.14	102	1.4	0.3	122	8	ARGELIA (VALLE)
3464	Sep 13 2017	15:27: 3.3	4.39	-73.74	Sup	1.4	0.5	165	14	EL CALVARIO (META)
3465	Sep 13 2017	17:13:13.6	6.73	-73.16	148	1.6	0.3	230	8	VILLANUEVA (SANTANDER)
3466	Sep 13 2017	18:47:21.3	6.74	-73.10	146	1.6	0.5	237	11	LOS SANTOS (SANTANDER)
3467	Sep 13 2017	19:14:34.1	10.58	-73.92	50	1.7	0.2	190	12	PUEBLO BELLO (CESAR)
3468	Sep 13 2017	19:18:13.3	6.86	-73.13	153	2.8	0.5	111	50	LOS SANTOS (SANTANDER)
3469	Sep 13 2017	19:21: 5.7	6.79	-73.07	146	1.7	0.2	244	10	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3470	Sep 13 2017	20:49:16.5	6.81	-73.12	142	2.4	0.6	67	44	LOS SANTOS (SANTANDER)
3471	Sep 13 2017	20:53:24.1	6.77	-73.13	138	1.6	0.3	140	14	LOS SANTOS (SANTANDER)
3472	Sep 13 2017	21:08:48.6	2.97	-75.70	11	1.6	0.4	85	20	SANTA MARIA (HUILA)
3473	Sep 13 2017	21:42:30.4	5.53	-74.16	100	1.9	0.4	101	16	QUIPAMA (BOYACA)
3474	Sep 13 2017	22:10: 8.4	6.78	-73.11	145	1.6	0.4	142	12	LOS SANTOS (SANTANDER)
3475	Sep 13 2017	22:10:44.3	6.73	-77.65	Sup	2.0	0.7	185	15	O. PACIFICO NORTE
3476	Sep 13 2017	22:11:24.3	6.81	-73.12	148	1.4	0.2	139	8	LOS SANTOS (SANTANDER)
3477	Sep 13 2017	22:24:29.1	10.19	-73.08	123	1.6	0.4	166	12	SAN DIEGO (CESAR)
3478	Sep 13 2017	22:57:51.1	11.12	-72.72	Sup	1.2	0.8	150	10	MANAURE BALCON CESAR (CESAR)
3479	Sep 13 2017	23:24:41.0	6.79	-73.09	139	1.4	0.5	144	12	LOS SANTOS (SANTANDER)
3480	Sep 13 2017	23:59:36.8	6.80	-73.12	146	2.5	0.6	67	56	LOS SANTOS (SANTANDER)
3481	Sep 14 2017	00:59:27.7	6.77	-73.04	141	1.4	0.4	151	10	LOS SANTOS (SANTANDER)
3482	Sep 14 2017	01:10:36.4	6.78	-73.10	150	1.4	0.2	142	10	LOS SANTOS (SANTANDER)
3483	Sep 14 2017	01:35:36.3	6.80	-73.14	149	1.5	0.2	137	8	LOS SANTOS (SANTANDER)
3484	Sep 14 2017	01:48:36.4	6.80	-73.11	150	2.6	0.5	101	42	LOS SANTOS (SANTANDER)
3485	Sep 14 2017	02:07:25.4	6.87	-73.28	121	1.6	0.4	113	16	BETULIA (SANTANDER)
3486	Sep 14 2017	02:43:48.8	3.87	-76.88	Sup	1.6	0.5	152	12	BUENAVENTURA (VALLE)
3487	Sep 14 2017	03:19:49.6	6.76	-73.08	151	1.4	0.2	119	14	LOS SANTOS (SANTANDER)
3488	Sep 14 2017	04:23:11.9	6.55	-73.71	107	0.9	0.2	130	8	SANTA HELENA DEL OPON (SANTANDER)
3489	Sep 14 2017	04:44:36.8	6.78	-73.09	146	1.3	0.3	144	14	LOS SANTOS (SANTANDER)
3490	Sep 14 2017	05:16: 3.5	5.94	-74.28	20	0.9	0.6	105	13	PUERTO BOYACA (BOYACA)
3491	Sep 14 2017	05:27:53.6	6.80	-73.10	151	1.1	0.2	142	8	LOS SANTOS (SANTANDER)
3492	Sep 14 2017	05:31:19.2	6.77	-73.10	144	1.2	0.3	143	12	LOS SANTOS (SANTANDER)
3493	Sep 14 2017	05:56:42.6	6.79	-73.10	149	1.6	0.4	123	20	LOS SANTOS (SANTANDER)
3494	Sep 14 2017	06:01: 6.1	6.33	-73.57	116	1.1	0.2	111	9	SANTA HELENA DEL OPON (SANTANDER)
3495	Sep 14 2017	06:35:55.2	6.75	-73.67	94	1.6	0.7	65	33	EL CARMEN (SANTANDER)
3496	Sep 14 2017	06:37:29.8	6.74	-73.05	147	1.3	0.3	129	14	JORDAN (SANTANDER)
3497	Sep 14 2017	07:04:18.7	6.87	-73.03	171	2.3	0.6	73	48	PIEDRECUESTA (SANTANDER)
3498	Sep 14 2017	07:10:34.2	3.02	-75.81	8	1.0	0.4	73	20	SANTA MARIA (HUILA)
3499	Sep 14 2017	07:23:47.3	6.79	-73.12	146	1.8	0.4	71	33	LOS SANTOS (SANTANDER)
3500	Sep 14 2017	07:48:49.1	6.94	-72.92	Sup	1.4	0.5	159	13	SANTA BARBARA (SANTANDER)
3501	Sep 14 2017	07:58: 7.3	6.85	-73.09	152	1.5	0.5	114	28	LOS SANTOS (SANTANDER)
3502	Sep 14 2017	08:16:27.7	6.74	-73.11	142	1.1	0.4	143	11	LOS SANTOS (SANTANDER)
3503	Sep 14 2017	08:20: 9.0	7.15	-76.21	Sup	1.2	0.5	156	8	DABEIBA (ANTIOQUIA)
3504	Sep 14 2017	08:52:35.4	6.72	-73.13	136	1.1	0.4	141	12	JORDAN (SANTANDER)
3505	Sep 14 2017	08:57:15.2	6.77	-73.21	133	1.1	0.3	227	10	ZAPATOCA (SANTANDER)
3506	Sep 14 2017	09:02:27.1	7.31	-73.37	117	1.3	0.4	171	15	SABANA DE TORRES (SANTANDER)
3507	Sep 14 2017	09:23: 1.8	6.76	-73.07	145	1.9	0.5	120	34	LOS SANTOS (SANTANDER)
3508	Sep 14 2017	09:32:10.5	10.83	-73.31	77	1.9	0.2	126	12	LA PAZ (CESAR)
3509	Sep 14 2017	09:32:10.5	10.83	-73.31	77	3.3	0.2	126	12	LA PAZ (CESAR)
3510	Sep 14 2017	09:50: 1.2	6.78	-73.11	141	1.7	0.3	141	22	LOS SANTOS (SANTANDER)
3511	Sep 14 2017	10:40:24.5	8.11	-73.49	110	1.7	0.4	178	13	SAN MARTIN (CESAR)
3512	Sep 14 2017	10:41:22.3	6.77	-73.13	146	1.6	0.3	158	8	LOS SANTOS (SANTANDER)
3513	Sep 14 2017	11:45: 5.6	5.26	-73.73	146	1.7	0.2	93	15	CUCUNUBA (CUNDINAMARCA)
3514	Sep 14 2017	13:15:50.2	6.79	-73.14	140	1.9	0.4	137	16	LOS SANTOS (SANTANDER)
3515	Sep 14 2017	13:28:59.3	4.34	-76.91	21	1.4	0.7	177	10	SIPI (CHOCO)
3516	Sep 14 2017	13:36:38.0	3.85	-76.14	37	1.5	0.4	124	12	BUGA (VALLE)
3517	Sep 14 2017	13:52:41.7	6.82	-73.15	149	2.4	0.4	75	44	LOS SANTOS (SANTANDER)
3518	Sep 14 2017	14:12:10.6	6.78	-73.12	146	1.4	0.1	140	8	LOS SANTOS (SANTANDER)
3519	Sep 14 2017	14:49:32.9	5.98	-73.79	109	1.5	0.1	151	8	BOLIVAR (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3520	Sep 14 2017	15:00:54.1	6.79	-73.15	146	1.6	0.3	135	11	LOS SANTOS (SANTANDER)
3521	Sep 14 2017	16:55:42.1	7.20	-73.98	Sup	2.1	0.8	180	18	PUERTO WILCHES (SANTANDER)
3522	Sep 14 2017	18:03:46.5	6.83	-73.13	147	2.4	0.4	65	36	LOS SANTOS (SANTANDER)
3523	Sep 14 2017	18:49: 0.0	6.78	-73.13	136	1.6	0.5	114	12	LOS SANTOS (SANTANDER)
3524	Sep 14 2017	19:40:35.1	6.83	-73.12	145	2.0	0.5	113	18	LOS SANTOS (SANTANDER)
3525	Sep 14 2017	20:04:25.4	4.84	-76.65	32	1.7	0.3	253	12	NOVITA (CHOCO)
3526	Sep 14 2017	20:42:43.7	5.85	-74.90	Sup	1.7	0.8	87	16	SAN LUIS (ANTIOQUIA)
3527	Sep 14 2017	22:13: 7.7	3.71	-76.91	Sup	1.4	0.5	146	8	DAGUA (VALLE)
3528	Sep 14 2017	22:36:43.6	4.51	-75.71	7	1.0	0.7	156	12	ARMENIA (QUINDIO)
3529	Sep 14 2017	23:37: 5.7	1.87	-76.17	Sup	1.9	0.3	129	12	ISNOS (HUILA)
3530	Sep 15 2017	00:49:25.3	7.28	-76.05	Sup	1.5	0.4	121	10	PEQUE (ANTIOQUIA)
3531	Sep 15 2017	01:10:35.6	6.76	-73.09	146	1.9	0.4	96	31	LOS SANTOS (SANTANDER)
3532	Sep 15 2017	01:22:22.0	6.32	-76.06	55	1.0	0.2	176	8	URRAO (ANTIOQUIA)
3533	Sep 15 2017	01:31:43.1	10.20	-73.02	122	1.8	0.3	173	14	MANAURE BALCON CESAR (CESAR)
3534	Sep 15 2017	01:41:11.3	4.73	-74.73	Sup	1.0	0.2	241	8	AMBALEMA (TOLIMA)
3535	Sep 15 2017	01:54:21.0	6.77	-73.13	140	2.0	0.5	114	36	LOS SANTOS (SANTANDER)
3536	Sep 15 2017	01:59:19.1	4.95	-75.97	111	1.0	0.3	166	8	BALBOA (RISARALDA)
3537	Sep 15 2017	02:10:23.2	6.75	-73.11	142	1.7	0.4	142	18	LOS SANTOS (SANTANDER)
3538	Sep 15 2017	02:37:28.8	4.89	-76.22	107	1.5	0.4	96	20	SAN JOSE DEL PALMAR (CHOCO)
3539	Sep 15 2017	03:05:52.0	1.20	-77.92	Sup	1.5	0.3	177	12	MALLAMA (NARINO)
3540	Sep 15 2017	03:26:45.2	6.86	-73.27	120	1.2	0.3	111	10	BETULIA (SANTANDER)
3541	Sep 15 2017	03:59:14.9	6.78	-73.11	144	1.2	0.1	142	8	LOS SANTOS (SANTANDER)
3542	Sep 15 2017	04:10:56.5	6.80	-73.15	145	2.2	0.5	65	42	LOS SANTOS (SANTANDER)
3543	Sep 15 2017	05:32:34.4	6.76	-73.17	150	1.3	0.2	231	8	LOS SANTOS (SANTANDER)
3544	Sep 15 2017	05:58:12.8	6.77	-73.11	151	2.0	0.4	68	36	LOS SANTOS (SANTANDER)
3545	Sep 15 2017	06:43:43.5	5.06	-76.01	53	1.0	0.3	120	12	SANTUARIO (RISARALDA)
3546	Sep 15 2017	06:59:41.7	6.78	-73.12	147	1.2	0.3	238	14	LOS SANTOS (SANTANDER)
3547	Sep 15 2017	07:52:25.4	7.42	-74.71	44	1.5	0.4	157	23	ZARAGOZA (ANTIOQUIA)
3548	Sep 15 2017	09:55:35.7	10.56	-73.52	Sup	1.8	0.5	102	12	PUEBLO BELLO (CESAR)
3549	Sep 15 2017	10:06:16.6	6.82	-73.11	153	2.3	0.7	114	47	LOS SANTOS (SANTANDER)
3550	Sep 15 2017	10:59:24.9	5.45	-73.99	118	1.5	0.3	98	16	COPER (BOYACA)
3551	Sep 15 2017	12:36:54.1	6.75	-73.14	138	1.7	0.2	234	10	LOS SANTOS (SANTANDER)
3552	Sep 15 2017	14:12:11.5	6.32	-73.64	109	1.5	0.2	111	10	SANTA HELENA DEL OPO (SANTANDER)
3553	Sep 15 2017	14:54:27.3	6.80	-73.12	143	1.6	0.5	241	10	LOS SANTOS (SANTANDER)
3554	Sep 15 2017	15:27:11.4	6.77	-73.15	152	1.8	0.5	234	12	LOS SANTOS (SANTANDER)
3555	Sep 15 2017	15:46:18.1	6.78	-73.13	146	1.8	0.4	138	16	LOS SANTOS (SANTANDER)
3556	Sep 15 2017	16:05:32.5	6.72	-73.15	146	1.5	0.3	231	8	JORDAN (SANTANDER)
3557	Sep 15 2017	17:25:34.0	6.75	-73.13	140	1.7	0.2	141	10	LOS SANTOS (SANTANDER)
3558	Sep 15 2017	17:32:57.4	9.62	-72.94	7	2.0	0.3	256	10	FRONTERA CON VENEZUELA
3559	Sep 15 2017	17:41:58.3	6.81	-73.13	156	3.2	0.7	66	73	LOS SANTOS (SANTANDER)
3560	Sep 15 2017	18:17:50.7	6.91	-76.19	Sup	2.0	0.5	156	18	URAMITA (ANTIOQUIA)
3561	Sep 15 2017	18:27:38.4	6.84	-73.12	151	2.7	0.6	112	34	LOS SANTOS (SANTANDER)
3562	Sep 15 2017	18:56:46.3	6.80	-73.15	144	1.8	0.4	135	12	LOS SANTOS (SANTANDER)
3563	Sep 15 2017	19:26:27.6	6.79	-73.13	141	1.9	0.4	113	20	LOS SANTOS (SANTANDER)
3564	Sep 15 2017	19:59:47.1	4.47	-76.75	28	1.6	0.7	79	22	SIPI (CHOCO)
3565	Sep 15 2017	20:13:25.5	6.79	-73.13	141	2.1	0.4	114	20	LOS SANTOS (SANTANDER)
3566	Sep 15 2017	21:29:10.4	6.74	-73.14	150	1.6	0.1	233	6	LOS SANTOS (SANTANDER)
3567	Sep 15 2017	21:32:50.0	6.55	-73.53	112	1.7	0.4	109	12	EL CARMEN (SANTANDER)
3568	Sep 15 2017	22:21:15.1	1.91	-75.97	17	1.5	0.4	139	10	TIMANA (HUILA)
3569	Sep 15 2017	23:31:45.4	5.26	-73.73	146	1.4	0.2	133	10	CUCUNUBA (CUNDINAMARCA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3570	Sep 15 2017	23:52:22.5	6.81	-73.09	152	2.3	0.8	116	34	LOS SANTOS (SANTANDER)
3571	Sep 16 2017	01:23:26.2	6.77	-73.09	142	1.5	0.4	144	12	LOS SANTOS (SANTANDER)
3572	Sep 16 2017	01:25:17.1	6.79	-73.07	149	1.5	0.1	223	11	LOS SANTOS (SANTANDER)
3573	Sep 16 2017	01:48:21.9	7.39	-73.20	126	1.5	0.3	182	15	EL PLAYON (SANTANDER)
3574	Sep 16 2017	02:07: 9.5	2.44	-75.56	24	1.1	0.2	208	8	GIGANTE (HUILA)
3575	Sep 16 2017	02:10:42.3	6.79	-73.10	145	1.5	0.2	212	18	LOS SANTOS (SANTANDER)
3576	Sep 16 2017	02:50:40.7	6.77	-73.09	151	1.9	0.3	117	31	LOS SANTOS (SANTANDER)
3577	Sep 16 2017	02:55:46.3	5.41	-76.58	21	1.0	0.5	241	8	CERTEGUI (CHOCO)
3578	Sep 16 2017	03:05: 5.5	10.11	-73.14	120	3.0	0.5	80	52	AGUSTIN CODAZZI (CESAR)
3579	Sep 16 2017	03:30:42.5	3.86	-76.92	45	1.2	0.2	149	8	BUENAVENTURA (VALLE)
3580	Sep 16 2017	03:41:31.2	6.30	-74.18	73	1.2	0.2	167	9	CIMITARRA (SANTANDER)
3581	Sep 16 2017	04:29:46.4	7.41	-75.32	Sup	1.5	0.2	112	14	CACERES (ANTIOQUIA)
3582	Sep 16 2017	04:57:46.9	7.49	-73.12	126	1.7	0.3	194	13	EL PLAYON (SANTANDER)
3583	Sep 16 2017	05:05:23.5	3.03	-78.28	35	1.3	0.2	309	8	O. PACIFICO SUR
3584	Sep 16 2017	05:38: 1.5	5.83	-76.64	16	1.1	0.4	276	8	QUIBDO (CHOCO)
3585	Sep 16 2017	06:16:19.9	5.25	-77.93	14	1.3	0.1	284	9	O. PACIFICO CENTRO
3586	Sep 16 2017	06:23:40.0	6.64	-73.22	137	1.1	0.1	190	9	BARICHARA (SANTANDER)
3587	Sep 16 2017	06:27:24.9	6.80	-73.16	147	1.9	0.4	167	31	LOS SANTOS (SANTANDER)
3588	Sep 16 2017	06:33: 4.4	5.60	-73.83	115	1.2	0.3	199	10	CHIQUINQUIRA (BOYACA)
3589	Sep 16 2017	06:45:12.3	7.27	-78.21	Sup	2.7	0.8	159	17	O. PACIFICO NORTE
3590	Sep 16 2017	06:48:47.5	1.69	-77.31	28	0.9	0.3	188	7	EL ROSARIO (NARINO)
3591	Sep 16 2017	06:52:31.1	5.85	-73.64	129	1.6	0.4	74	23	PUENTE NACIONAL (SANTANDER)
3592	Sep 16 2017	07:18: 2.9	5.63	-73.99	114	2.0	0.5	38	40	PAUNA (BOYACA)
3593	Sep 16 2017	08:40:56.3	6.54	-73.36	119	1.2	0.4	108	9	HATO (SANTANDER)
3594	Sep 16 2017	08:51:19.5	2.82	-74.85	8	1.1	0.3	126	10	TELLO (HUILA)
3595	Sep 16 2017	09:35:41.5	6.36	-73.54	112	1.4	0.4	78	12	SANTA HELENA DEL OPOON (SANTANDER)
3596	Sep 16 2017	09:43:13.6	4.19	-76.75	51	1.2	0.4	141	8	CALIMA (VALLE)
3597	Sep 16 2017	10:35:42.9	6.85	-76.21	Sup	2.7	0.5	60	42	URAMITA (ANTIOQUIA)
3598	Sep 16 2017	10:36:47.8	6.77	-73.10	144	2.0	0.3	240	12	LOS SANTOS (SANTANDER)
3599	Sep 16 2017	11:39:11.0	2.90	-78.32	16	2.0	0.5	288	14	O. PACIFICO SUR
3600	Sep 16 2017	11:43:53.0	6.81	-76.24	Sup	1.4	0.6	204	14	URAMITA (ANTIOQUIA)
3601	Sep 16 2017	11:47:15.3	7.98	-77.44	12	2.0	0.3	94	24	FRONTERA CON PANAMA
3602	Sep 16 2017	13:07:12.7	4.76	-76.16	97	1.7	0.5	98	14	EL CAIRO (VALLE)
3603	Sep 16 2017	14:18:35.5	6.73	-73.13	153	2.0	0.4	141	16	JORDAN (SANTANDER)
3604	Sep 16 2017	18:38:49.8	6.77	-73.07	144	1.3	0.2	243	8	LOS SANTOS (SANTANDER)
3605	Sep 16 2017	18:45:44.8	2.51	-77.13	86	2.3	0.4	85	32	ARGELIA (CAUCA)
3606	Sep 16 2017	18:51: 3.3	6.78	-73.13	138	1.6	0.3	139	10	LOS SANTOS (SANTANDER)
3607	Sep 16 2017	19:06:42.4	5.85	-74.62	Sup	1.2	0.4	288	9	PUERTO TRIUNFO (ANTIOQUIA)
3608	Sep 16 2017	19:22:35.2	6.85	-73.14	147	2.6	0.8	65	44	LOS SANTOS (SANTANDER)
3609	Sep 16 2017	20:44:16.3	5.68	-74.30	79	1.4	0.4	153	12	OTANCHE (BOYACA)
3610	Sep 16 2017	21:11:35.1	7.00	-72.90	133	1.3	0.4	265	8	SANTA BARBARA (SANTANDER)
3611	Sep 16 2017	23:52:32.1	6.79	-73.03	139	1.6	0.4	248	9	LOS SANTOS (SANTANDER)
3612	Sep 17 2017	02:06:39.5	6.74	-73.10	142	1.6	0.5	266	10	LOS SANTOS (SANTANDER)
3613	Sep 17 2017	02:31:25.9	2.29	-75.50	27	1.3	0.5	151	10	GIGANTE (HUILA)
3614	Sep 17 2017	03:01:41.4	4.29	-76.78	10	1.6	0.4	143	13	SIPI (CHOCO)
3615	Sep 17 2017	03:06:16.9	6.27	-73.62	111	1.2	0.4	113	9	SANTA HELENA DEL OPOON (SANTANDER)
3616	Sep 17 2017	03:13:56.4	6.77	-73.10	148	2.0	0.4	221	22	LOS SANTOS (SANTANDER)
3617	Sep 17 2017	04:04:39.1	6.18	-72.37	Sup	1.6	0.4	122	10	LA SALINA (CASANARE)
3618	Sep 17 2017	04:08:27.7	4.76	-75.99	37	1.7	0.5	92	26	ANSERMANUEVO (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3619	Sep 17 2017	04:30:41.0	6.83	-76.08	Sup	1.4	0.3	150	10	FRONTINO (ANTIOQUIA)
3620	Sep 17 2017	04:37:44.7	7.16	-73.40	10	1.0	0.3	235	10	LEBRIJA (SANTANDER)
3621	Sep 17 2017	04:58: 0.3	6.79	-73.13	146	1.6	0.3	238	11	LOS SANTOS (SANTANDER)
3622	Sep 17 2017	05:04:30.7	6.80	-73.10	147	2.0	0.5	163	34	LOS SANTOS (SANTANDER)
3623	Sep 17 2017	05:28:13.6	6.75	-73.08	142	2.0	0.5	163	26	LOS SANTOS (SANTANDER)
3624	Sep 17 2017	05:35: 9.1	5.55	-73.85	127	1.4	0.4	106	23	CALDAS (BOYACA)
3625	Sep 17 2017	06:08:17.0	7.14	-73.45	14	1.2	0.5	230	7	LEBRIJA (SANTANDER)
3626	Sep 17 2017	06:10:12.4	6.80	-73.14	147	2.3	0.4	112	32	LOS SANTOS (SANTANDER)
3627	Sep 17 2017	06:42:47.8	6.70	-73.05	144	1.2	0.4	240	8	ARATOCA (SANTANDER)
<u>3628</u>	<u>Sep 17 2017</u>	<u>07:11:25.0</u>	<u>6.46</u>	<u>-76.72</u>	<u>Sup</u>	<u>4.2*</u>	<u>0.5</u>	<u>63</u>	<u>110</u>	<u>VIGIA DEL FUERTE (ANTIOQUIA)</u>
3629	Sep 17 2017	07:39:10.6	7.32	-76.34	29	1.3	0.6	170	11	MUTATA (ANTIOQUIA)
3630	Sep 17 2017	07:40:59.8	5.98	-72.50	Sup	1.3	0.7	110	12	SOCOTA (BOYACA)
3631	Sep 17 2017	08:00:48.2	6.81	-73.01	136	1.6	0.3	153	10	CEPITA (SANTANDER)
3632	Sep 17 2017	08:09:28.7	5.60	-74.05	108	1.2	0.3	130	11	SAN PABLO DE BORBUR (BOYACA)
3633	Sep 17 2017	09:57: 2.8	6.72	-73.20	142	1.4	0.5	224	8	VILLANUEVA (SANTANDER)
3634	Sep 17 2017	10:18:48.7	6.43	-76.70	Sup	1.7	0.4	237	12	VIGIA DEL FUERTE (ANTIOQUIA)
3635	Sep 17 2017	10:49:20.6	6.79	-73.07	144	2.0	0.8	125	24	LOS SANTOS (SANTANDER)
3636	Sep 17 2017	10:53: 0.1	6.31	-76.73	24	1.3	0.4	285	10	BOJAYA (CHOCO)
3637	Sep 17 2017	11:04:55.4	6.55	-73.52	109	1.5	0.4	102	14	EL CARMEN (SANTANDER)
3638	Sep 17 2017	11:09:52.9	5.67	-72.72	Sup	1.4	0.5	185	8	MONGUA (BOYACA)
3639	Sep 17 2017	12:38:12.1	6.67	-73.37	120	1.4	0.3	150	8	GALAN (SANTANDER)
3640	Sep 17 2017	12:52:53.1	6.83	-73.05	147	2.4	0.4	120	35	LOS SANTOS (SANTANDER)
3641	Sep 17 2017	13:30:50.8	5.38	-74.87	9	1.5	0.3	180	10	VICTORIA (CALDAS)
3642	Sep 17 2017	13:47:29.2	8.00	-74.86	Sup	2.0	0.5	116	18	NECHI (ANTIOQUIA)
3643	Sep 17 2017	14:04:32.1	5.94	-77.37	8	2.1	0.4	220	10	O. PACIFICO NORTE
3644	Sep 17 2017	14:44: 1.0	7.31	-75.18	20	1.7	0.2	125	10	ANORI (ANTIOQUIA)
3645	Sep 17 2017	15:18: 5.1	10.01	-72.61	156	2.7	0.4	100	27	FRONTERA CON VENEZUELA
3646	Sep 17 2017	15:44:39.4	6.83	-73.14	142	1.6	0.4	135	14	LOS SANTOS (SANTANDER)
3647	Sep 17 2017	15:56:58.3	6.81	-73.01	145	1.8	0.4	252	12	CEPITA (SANTANDER)
3648	Sep 17 2017	16:34: 7.5	5.05	-76.02	110	1.3	0.4	197	10	LA CELIA (RISARALDA)
3649	Sep 17 2017	17:23:19.2	6.77	-73.12	138	2.1	0.3	115	26	LOS SANTOS (SANTANDER)
3650	Sep 17 2017	18:16:11.3	7.97	-73.31	8	1.4	0.2	292	8	ABREGO (N.SANTANDER)
3651	Sep 17 2017	18:29:14.6	2.47	-74.11	Sup	1.9	0.3	100	17	LA MACARENA (META)
3652	Sep 17 2017	18:37:49.8	5.65	-73.55	146	1.9	0.3	112	19	VILLA DE LEIVA (BOYACA)
3653	Sep 17 2017	20:09:20.3	3.89	-78.54	61	2.1	0.4	269	16	O. PACIFICO SUR
3654	Sep 17 2017	20:19:24.4	6.78	-73.11	148	1.5	0.4	141	14	LOS SANTOS (SANTANDER)
3655	Sep 17 2017	22:04:51.2	7.11	-76.10	36	1.7	0.5	100	11	DABEIBA (ANTIOQUIA)
<u>3656</u>	<u>Sep 17 2017</u>	<u>22:22:25.0</u>	<u>3.62</u>	<u>-77.30</u>	<u>64</u>	<u>3.8*</u>	<u>0.8</u>	<u>118</u>	<u>92</u>	<u>O. PACIFICO SUR</u>
3657	Sep 17 2017	23:18:22.4	6.80	-73.14	133	1.7	0.3	137	10	LOS SANTOS (SANTANDER)
3658	Sep 17 2017	23:25:34.0	6.85	-73.30	117	1.1	0.4	212	8	ZAPATOCA (SANTANDER)
3659	Sep 18 2017	00:12:40.5	6.77	-73.11	144	1.3	0.3	141	8	LOS SANTOS (SANTANDER)
3660	Sep 18 2017	00:21:14.1	6.78	-73.12	142	1.3	0.2	140	8	LOS SANTOS (SANTANDER)
3661	Sep 18 2017	01:06:44.8	6.80	-73.10	139	1.4	0.2	142	9	LOS SANTOS (SANTANDER)
3662	Sep 18 2017	01:07: 7.6	3.72	-76.93	Sup	1.3	0.6	138	10	BUENAVENTURA (VALLE)
3663	Sep 18 2017	01:44:40.4	5.03	-75.51	25	1.1	0.6	113	10	VILLAMARIA (CALDAS)
3664	Sep 18 2017	01:49:52.3	6.79	-73.10	144	1.5	0.2	100	9	LOS SANTOS (SANTANDER)
3665	Sep 18 2017	01:49:52.3	6.79	-73.10	144	1.5	0.2	100	9	LOS SANTOS (SANTANDER)
3666	Sep 18 2017	02:20:15.9	5.57	-75.62	92	1.0	0.2	144	8	VALPARAISO (ANTIOQUIA)

*Magnitud de Momento (Mw)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3667	Sep 18 2017	02:42:29.0	3.80	-76.38	115	1.8	0.5	83	28	YOTOCO (VALLE)
3668	Sep 18 2017	03:06: 7.5	5.22	-73.69	147	1.4	0.2	141	11	CUCUNUBA (CUNDINAMARCA)
3669	Sep 18 2017	03:12:32.3	3.43	-74.77	26	1.4	0.6	166	14	COLOMBIA (HUILA)
3670	Sep 18 2017	03:15: 3.4	5.94	-73.75	109	1.3	0.4	85	15	SUCRE (SANTANDER)
<u>3671</u>	<u>Sep 18 2017</u>	<u>03:24:10.7</u>	<u>4.96</u>	<u>-75.33</u>	<u>Sup</u>	<u>2.8</u>	<u>0.1</u>	<u>114</u>	<u>37</u>	<u>VOLCAN NEVADO DEL RUIZ)</u>
3672	Sep 18 2017	03:42:16.4	6.82	-73.14	144	1.9	0.5	118	29	LOS SANTOS (SANTANDER)
3673	Sep 18 2017	04:08:20.8	6.34	-74.74	20	0.9	0.5	194	8	CARACOLI (ANTIOQUIA)
3674	Sep 18 2017	04:18:57.9	6.72	-73.27	123	0.8	0.2	194	8	ZAPATOCA (SANTANDER)
3675	Sep 18 2017	04:18:57.9	6.72	-73.27	123	0.8	0.2	194	8	ZAPATOCA (SANTANDER)
3676	Sep 18 2017	04:21:15.5	4.60	-76.64	18	1.4	0.6	157	21	SIPI (CHOCO)
3677	Sep 18 2017	04:39:57.3	6.79	-73.12	146	2.4	0.6	67	42	LOS SANTOS (SANTANDER)
3678	Sep 18 2017	04:41:26.4	2.64	-74.51	Sup	1.7	0.6	101	16	SAN VICENTE DEL CAGUAN (CAQUETA)
3679	Sep 18 2017	04:46: 3.0	4.28	-76.28	126	1.7	0.5	105	30	TRUJILLO (VALLE)
3680	Sep 18 2017	05:08:56.3	6.80	-73.04	143	1.2	0.3	248	8	LOS SANTOS (SANTANDER)
3681	Sep 18 2017	06:34: 8.4	5.97	-73.54	127	1.3	0.4	88	15	SAN JOSE DE PARE (BOYACA)
3682	Sep 18 2017	06:43:11.3	6.77	-76.66	Sup	1.3	0.6	144	14	MURINDO (ANTIOQUIA)
3683	Sep 18 2017	07:31:33.2	6.59	-73.39	124	1.7	0.2	124	10	HATO (SANTANDER)
3684	Sep 18 2017	07:36:55.9	6.79	-73.14	145	1.5	0.3	237	10	LOS SANTOS (SANTANDER)
3685	Sep 18 2017	08:05:37.6	6.80	-73.14	140	1.4	0.5	238	8	LOS SANTOS (SANTANDER)
3686	Sep 18 2017	08:41:15.7	6.81	-73.10	149	1.7	0.4	116	16	LOS SANTOS (SANTANDER)
3687	Sep 18 2017	08:49:13.7	6.75	-73.10	136	1.2	0.4	144	8	LOS SANTOS (SANTANDER)
3688	Sep 18 2017	09:17:27.1	3.12	-74.86	Sup	1.3	0.5	143	8	BARAYA (HUILA)
3689	Sep 18 2017	09:23:48.8	5.22	-77.41	29	1.5	0.5	249	10	O. PACIFICO CENTRO
3690	Sep 18 2017	09:28:19.3	8.01	-73.47	63	1.5	0.2	279	8	SAN MARTIN (CESAR)
3691	Sep 18 2017	09:40:31.2	6.74	-73.10	144	1.7	0.4	69	23	LOS SANTOS (SANTANDER)
3692	Sep 18 2017	09:53: 7.4	7.65	-74.16	12	1.3	0.4	206	8	SAN PABLO (BOLIVAR)
3693	Sep 18 2017	10:41:15.6	5.24	-73.73	146	2.3	0.4	55	37	CUCUNUBA (CUNDINAMARCA)
3694	Sep 18 2017	10:47:34.3	6.84	-73.29	121	1.6	0.3	109	14	ZAPATOCA (SANTANDER)
3695	Sep 18 2017	11:20: 6.3	6.03	-73.64	118	2.0	0.7	68	26	CHIPATA (SANTANDER)
3696	Sep 18 2017	11:38:50.5	2.41	-75.38	Sup	1.6	0.4	177	12	ALGECIRAS (HUILA)
3697	Sep 18 2017	11:53: 7.1	7.50	-72.14	Sup	2.4	0.3	138	22	FRONTERA CON VENEZUELA
3698	Sep 18 2017	12:14:36.8	6.73	-73.11	142	1.5	0.3	235	9	JORDAN (SANTANDER)
3699	Sep 18 2017	12:56: 7.4	6.91	-76.68	Sup	2.0	0.5	134	27	MURINDO (ANTIOQUIA)
3700	Sep 18 2017	14:43:33.5	5.44	-77.39	31	2.0	0.5	289	13	NUQUI (CHOCO)
3701	Sep 18 2017	16:11:38.6	11.47	-74.14	Sup	3.0	0.4	230	23	MAR CARIBE
3702	Sep 18 2017	18:43:34.1	4.47	-73.53	14	1.4	0.4	136	12	SAN JUANITO (META)
3703	Sep 18 2017	19:34:17.4	6.79	-73.12	140	3.2	0.8	55	69	LOS SANTOS (SANTANDER)
3704	Sep 18 2017	20:14: 3.2	6.78	-73.12	148	2.2	0.5	115	28	LOS SANTOS (SANTANDER)
3705	Sep 18 2017	20:16:22.6	6.75	-73.11	146	1.8	0.2	116	10	LOS SANTOS (SANTANDER)
3706	Sep 18 2017	20:23:28.9	6.77	-73.12	138	2.7	0.4	98	46	LOS SANTOS (SANTANDER)
3707	Sep 18 2017	20:37:34.9	6.77	-73.11	148	1.9	0.4	142	22	LOS SANTOS (SANTANDER)
3708	Sep 18 2017	21:10:10.5	6.56	-73.41	121	1.9	0.3	71	24	HATO (SANTANDER)
3709	Sep 18 2017	21:36:38.8	6.76	-73.11	143	1.7	0.4	142	17	LOS SANTOS (SANTANDER)
3710	Sep 18 2017	22:04:10.6	9.39	-74.41	16	2.0	0.3	111	14	PIJINO DEL CARMEN (MAGDALENA)
3711	Sep 18 2017	22:08:13.7	4.80	-78.52	66	2.2	0.1	318	8	O. PACIFICO CENTRO
3712	Sep 18 2017	22:23:50.2	5.61	-72.85	Sup	1.5	0.6	100	16	AQUITANIA (BOYACA)
3713	Sep 18 2017	22:41: 0.1	2.93	-74.77	Sup	1.5	0.3	274	7	BARAYA (HUILA)
3714	Sep 18 2017	23:26:40.8	5.60	-72.88	Sup	1.4	0.5	215	15	AQUITANIA (BOYACA)
3715	Sep 19 2017	00:10: 4.2	1.10	-76.44	Sup	1.8	0.8	150	21	PIAMONTE (CAUCA)
3716	Sep 19 2017	00:36:31.2	7.14	-77.18	18	1.8	0.5	133	15	RIOSUCIO (CHOCO)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3717	Sep 19 2017	00:56: 9.9	6.75	-73.09	140	1.5	0.3	145	10	LOS SANTOS (SANTANDER)
3718	Sep 19 2017	01:15:40.3	6.79	-73.13	144	2.1	0.6	55	44	LOS SANTOS (SANTANDER)
3719	Sep 19 2017	01:32:20.3	6.55	-73.49	111	1.6	0.4	67	21	EL CARMEN (SANTANDER)
3720	Sep 19 2017	01:33: 6.2	5.25	-73.72	145	2.7	0.4	55	59	CUCUNUBA (CUNDINAMARCA)
3721	Sep 19 2017	02:14:11.2	6.78	-73.10	143	1.2	0.2	142	8	LOS SANTOS (SANTANDER)
3722	Sep 19 2017	02:28:25.1	6.38	-74.06	6	2.3	0.6	62	35	CIMITARRA (SANTANDER)
3723	Sep 19 2017	02:33:54.8	5.85	-73.71	120	1.8	0.5	45	36	PUENTE NACIONAL (SANTANDER)
3724	Sep 19 2017	03:01:47.3	6.78	-73.05	142	1.1	0.4	149	9	LOS SANTOS (SANTANDER)
3725	Sep 19 2017	03:20: 9.7	6.92	-77.07	12	1.5	0.4	152	9	MURINDO (ANTIOQUIA)
3726	Sep 19 2017	03:29:50.7	6.77	-73.12	140	1.3	0.5	141	16	LOS SANTOS (SANTANDER)
3727	Sep 19 2017	04:33:24.4	6.81	-73.06	143	1.3	0.5	147	16	LOS SANTOS (SANTANDER)
3728	Sep 19 2017	05:08: 8.5	6.53	-75.83	Sup	1.2	0.4	128	12	SANTA FE ANTIOQUIA (ANTIOQUIA)
3729	Sep 19 2017	05:12:42.7	6.78	-73.09	153	1.5	0.3	117	18	LOS SANTOS (SANTANDER)
3730	Sep 19 2017	05:16:48.9	6.46	-73.64	104	1.0	0.4	76	12	SANTA HELENA DEL OPO (SANTANDER)
3731	Sep 19 2017	05:19:38.6	6.80	-73.13	142	1.1	0.3	138	11	LOS SANTOS (SANTANDER)
3732	Sep 19 2017	05:55:31.1	6.71	-73.11	143	1.4	0.3	90	19	JORDAN (SANTANDER)
3733	Sep 19 2017	06:15:13.4	4.48	-78.10	63	1.7	0.6	256	22	O. PACIFICO CENTRO
3734	Sep 19 2017	06:32:18.0	7.41	-74.70	36	1.3	0.6	118	19	ZARAGOZA (ANTIOQUIA)
3735	Sep 19 2017	07:02: 9.1	6.50	-76.77	Sup	1.8	0.7	68	37	VIGIA DEL FUERTE (ANTIOQUIA)
3736	Sep 19 2017	07:08:23.6	6.83	-73.28	119	1.3	0.2	107	10	ZAPATOCA (SANTANDER)
3737	Sep 19 2017	07:09:41.5	6.77	-73.11	147	1.2	0.3	123	13	LOS SANTOS (SANTANDER)
3738	Sep 19 2017	07:33: 0.0	6.77	-73.13	142	1.2	0.5	236	7	LOS SANTOS (SANTANDER)
3739	Sep 19 2017	08:03: 4.1	6.78	-73.11	148	2.0	0.2	142	20	LOS SANTOS (SANTANDER)
3740	Sep 19 2017	08:21:32.4	6.78	-73.08	140	1.7	0.6	243	17	LOS SANTOS (SANTANDER)
3741	Sep 19 2017	09:21:11.2	6.81	-73.12	146	2.2	0.8	102	30	LOS SANTOS (SANTANDER)
3742	Sep 19 2017	09:51:36.7	6.77	-73.17	134	1.7	0.7	110	18	LOS SANTOS (SANTANDER)
3743	Sep 19 2017	10:13:33.8	6.63	-73.50	107	0.7	0.3	93	10	EL CARMEN (SANTANDER)
3744	Sep 19 2017	10:15:21.8	6.79	-73.09	141	1.3	0.4	143	12	LOS SANTOS (SANTANDER)
3745	Sep 19 2017	10:28: 8.3	6.77	-73.12	150	1.4	0.3	140	16	LOS SANTOS (SANTANDER)
3746	Sep 19 2017	11:17:53.4	6.79	-73.12	150	1.3	0.3	139	8	LOS SANTOS (SANTANDER)
3747	Sep 19 2017	11:24: 7.1	6.87	-74.88	22	1.6	0.5	76	16	VEGACHI (ANTIOQUIA)
3748	Sep 19 2017	11:24:11.4	2.31	-75.75	Sup	1.7	0.5	100	17	AGRADO (HUILA)
3749	Sep 19 2017	11:51:43.6	4.89	-77.72	47	1.4	0.4	283	7	O. PACIFICO CENTRO
3750	Sep 19 2017	12:17:30.5	5.32	-77.47	36	1.9	0.3	295	9	O. PACIFICO CENTRO
3751	Sep 19 2017	13:14:29.8	6.74	-73.13	139	1.5	0.4	141	11	LOS SANTOS (SANTANDER)
3752	Sep 19 2017	13:41:36.2	5.08	-76.04	45	2.0	0.6	122	30	SANTUARIO (RISARALDA)
3753	Sep 19 2017	14:05: 9.1	3.53	-75.69	11	1.3	0.4	123	12	RIOBLANCO (TOLIMA)
3754	Sep 19 2017	15:02:40.1	6.77	-73.14	137	1.3	0.2	139	9	LOS SANTOS (SANTANDER)
3755	Sep 19 2017	15:57:50.9	6.79	-73.14	144	1.7	0.2	137	11	LOS SANTOS (SANTANDER)
3756	Sep 19 2017	17:35:34.7	6.73	-73.10	142	1.0	0.3	237	7	JORDAN (SANTANDER)
3757	Sep 19 2017	17:49: 7.6	6.92	-73.04	144	1.4	0.2	143	8	PIEDRECUESTA (SANTANDER)
3758	Sep 19 2017	19:50:46.2	6.73	-73.12	135	1.8	0.5	116	15	JORDAN (SANTANDER)
3759	Sep 19 2017	20:06:23.1	6.79	-73.11	144	1.9	0.3	115	19	LOS SANTOS (SANTANDER)
3760	Sep 19 2017	21:56: 7.9	6.78	-73.13	142	1.6	0.3	139	14	LOS SANTOS (SANTANDER)
3761	Sep 19 2017	22:24:45.5	5.84	-74.89	Sup	1.4	0.6	87	12	SAN LUIS (ANTIOQUIA)
3762	Sep 19 2017	22:51:39.8	10.71	-72.96	91	1.9	0.3	153	12	MANAURE BALCON CESAR (CESAR)
3763	Sep 19 2017	22:55:51.7	7.35	-73.17	131	1.8	0.1	177	10	RIONEGRO (SANTANDER)
3764	Sep 19 2017	23:04:55.3	6.76	-73.07	145	1.5	0.4	147	11	LOS SANTOS (SANTANDER)
3765	Sep 19 2017	23:06:33.3	6.86	-73.22	137	1.2	0.4	176	8	BETULIA (SANTANDER)
3766	Sep 19 2017	23:25:10.7	6.76	-73.12	142	1.5	0.2	140	11	LOS SANTOS (SANTANDER)
3767	Sep 19 2017	23:35:54.7	6.35	-73.41	20	1.8	0.4	99	18	CHIMA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3768	Sep 19 2017	23:49:14.1	7.50	-74.47	64	1.7	0.4	111	16	EL BAGRE (ANTIOQUIA)
3769	Sep 20 2017	00:10: 6.2	11.10	-73.36	53	1.6	0.2	152	8	PUEBLO BELLO (CESAR)
3770	Sep 20 2017	00:26:15.2	5.24	-73.74	145	2.5	0.4	54	34	CUCUNUBA (CUNDINAMARCA)
3771	Sep 20 2017	00:40:19.7	6.81	-73.14	150	2.6	0.4	65	23	LOS SANTOS (SANTANDER)
3772	Sep 20 2017	00:48: 5.4	6.81	-73.14	145	1.8	0.4	112	12	LOS SANTOS (SANTANDER)
3773	Sep 20 2017	00:53:22.9	6.78	-73.13	136	1.8	0.4	138	14	LOS SANTOS (SANTANDER)
3774	Sep 20 2017	01:48: 2.2	6.78	-73.08	139	1.4	0.4	118	14	LOS SANTOS (SANTANDER)
3775	Sep 20 2017	01:48: 2.3	6.77	-73.14	137	1.5	0.4	113	17	LOS SANTOS (SANTANDER)
3776	Sep 20 2017	01:51:55.6	10.65	-74.64	62	2.0	0.4	184	15	PIVIJAY (MAGDALENA)
3777	Sep 20 2017	02:14:12.3	6.79	-73.09	141	1.2	0.2	117	8	LOS SANTOS (SANTANDER)
3778	Sep 20 2017	03:43:50.9	4.10	-77.11	64	1.1	0.2	159	11	BUENAVENTURA (VALLE)
3779	Sep 20 2017	04:51:49.5	6.78	-73.13	143	1.4	0.5	121	17	LOS SANTOS (SANTANDER)
3780	Sep 20 2017	04:59:41.6	6.81	-73.08	147	1.9	0.7	70	38	LOS SANTOS (SANTANDER)
3781	Sep 20 2017	05:18:32.9	4.59	-74.96	Sup	0.7	0.3	208	8	ALVARADO (TOLIMA)
3782	Sep 20 2017	05:45: 6.1	6.78	-73.12	147	1.4	0.2	140	9	LOS SANTOS (SANTANDER)
3783	Sep 20 2017	06:18: 1.3	6.79	-73.38	112	1.2	0.3	134	9	SAN VICENTE DE CHUCURI (SANTANDER)
3784	Sep 20 2017	06:37:57.8	7.40	-73.85	72	2.7	0.7	70	63	CANTAGALLO (BOLIVAR)
3785	Sep 20 2017	07:23:19.0	6.80	-72.99	146	1.7	0.5	132	19	CEPITA (SANTANDER)
3786	Sep 20 2017	07:35:43.5	4.33	-76.62	56	1.2	0.3	249	10	SIPI (CHOCO)
3787	Sep 20 2017	08:01:34.7	1.92	-75.82	39	1.6	0.2	121	10	SUAZA (HUILA)
3788	Sep 20 2017	08:07:19.1	6.81	-73.13	141	1.2	0.3	137	9	LOS SANTOS (SANTANDER)
3789	Sep 20 2017	09:06:54.6	5.80	-76.47	Sup	1.9	0.6	126	32	QUIBDO (CHOCO)
3790	Sep 20 2017	09:43:41.5	6.72	-73.06	139	1.6	0.4	151	12	JORDAN (SANTANDER)
3791	Sep 20 2017	09:55:50.2	3.83	-76.18	139	0.9	0.2	112	8	BUGA (VALLE)
3792	Sep 20 2017	10:08:42.5	6.81	-73.13	148	1.8	0.5	112	22	LOS SANTOS (SANTANDER)
3793	Sep 20 2017	10:32: 7.8	6.81	-73.30	119	1.9	0.2	127	11	ZAPATOCA (SANTANDER)
3794	Sep 20 2017	10:52:52.7	8.41	-77.26	85	1.9	0.2	153	9	ACANDI (CHOCO)
3795	Sep 20 2017	11:01:49.2	6.80	-73.13	145	3.6	0.8	55	87	ACANDI (CHOCO)
3796	Sep 20 2017	11:12:37.4	4.63	-73.53	Sup	2.0	0.4	90	24	GACHALA (CUNDINAMARCA)
3797	Sep 20 2017	11:19:31.2	6.72	-73.17	144	1.6	0.6	136	15	VILLANUEVA (SANTANDER)
3798	Sep 20 2017	12:06: 3.4	9.81	-72.88	Sup	2.7	0.4	89	14	FRONTERA CON VENEZUELA
3799	Sep 20 2017	12:11:10.9	10.14	-72.90	143	1.5	0.4	234	9	FRONTERA CON VENEZUELA
3800	Sep 20 2017	13:01: 2.1	6.79	-73.09	144	1.6	0.3	161	13	LOS SANTOS (SANTANDER)
3801	Sep 20 2017	13:10:37.2	6.80	-76.68	14	1.8	0.4	143	10	MURINDO (ANTIOQUIA)
3802	Sep 20 2017	13:57:54.2	6.82	-73.15	143	1.3	0.2	134	9	LOS SANTOS (SANTANDER)
3803	Sep 20 2017	14:47:34.1	6.80	-73.12	142	2.5	0.5	101	30	LOS SANTOS (SANTANDER)
3804	Sep 20 2017	15:22: 8.5	6.70	-72.55	89	1.3	0.2	185	8	CARCASI (SANTANDER)
3805	Sep 20 2017	15:45:21.7	6.77	-73.10	145	1.0	0.3	143	8	LOS SANTOS (SANTANDER)
3806	Sep 20 2017	15:53:10.5	4.64	-73.54	Sup	1.4	0.4	138	11	GACHALA (CUNDINAMARCA)
3807	Sep 20 2017	16:18:59.1	6.75	-73.12	146	1.4	0.4	142	9	LOS SANTOS (SANTANDER)
3808	Sep 20 2017	16:40: 5.0	4.55	-75.99	10	2.1	0.6	109	27	OBANDO (VALLE)
3809	Sep 20 2017	18:12: 5.1	7.62	-75.19	37	2.0	0.4	165	14	CACERES (ANTIOQUIA)
3810	Sep 20 2017	18:57:17.3	6.78	-73.14	144	2.4	0.5	112	37	LOS SANTOS (SANTANDER)
3811	Sep 20 2017	19:48:59.1	8.45	-73.98	18	2.5	0.6	102	29	ARENAL (BOLIVAR)
3812	Sep 20 2017	20:32:52.5	6.80	-73.11	146	1.6	0.3	141	13	LOS SANTOS (SANTANDER)
3813	Sep 20 2017	21:28:53.3	7.09	-74.39	20	1.3	0.1	139	9	SEGOVIA (ANTIOQUIA)
3814	Sep 20 2017	21:50:19.6	6.78	-73.10	144	1.4	0.2	161	10	LOS SANTOS (SANTANDER)
3815	Sep 20 2017	22:53:25.2	6.70	-73.75	16	2.0	0.4	84	20	EL CARMEN (SANTANDER)
3816	Sep 20 2017	23:02:19.4	6.78	-73.11	147	1.5	0.2	141	14	LOS SANTOS (SANTANDER)
3817	Sep 20 2017	23:30:47.0	6.79	-73.14	140	1.3	0.3	136	8	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3818	Sep 21 2017	00:15:27.9	6.06	-75.99	19	1.6	0.7	181	15	BETULIA (ANTIOQUIA)
3819	Sep 21 2017	00:58:51.7	6.81	-73.10	143	1.1	0.3	141	8	LOS SANTOS (SANTANDER)
3820	Sep 21 2017	01:12:25.9	6.78	-73.06	147	1.5	0.4	127	13	LOS SANTOS (SANTANDER)
3821	Sep 21 2017	01:41:37.8	6.81	-73.09	140	2.0	0.5	116	37	LOS SANTOS (SANTANDER)
3822	Sep 21 2017	01:44:29.7	7.38	-76.08	Sup	1.6	0.8	117	22	MUTATA (ANTIOQUIA)
3823	Sep 21 2017	02:42:11.1	2.01	-75.91	Sup	0.7	0.2	154	9	ELIAS (HUILA)
3824	Sep 21 2017	03:36:54.8	11.06	-73.62	13	1.3	0.2	149	8	PUEBLO BELLO (CESAR)
3825	Sep 21 2017	04:26:30.5	7.62	-72.08	Sup	2.1	0.5	195	21	FRONTERA CON VENEZUELA
3826	Sep 21 2017	04:44: 7.9	6.77	-73.11	139	1.8	0.5	142	18	LOS SANTOS (SANTANDER)
3827	Sep 21 2017	05:18:26.9	5.32	-73.93	128	1.1	0.2	228	8	CARMEN DE CARUPA (CUNDINAMARCA)
3828	Sep 21 2017	06:36: 8.8	5.57	-73.65	145	1.1	0.3	124	16	TINJACA (BOYACA)
3829	Sep 21 2017	07:09:55.6	6.70	-76.29	Sup	1.3	0.6	196	18	FRONTINO (ANTIOQUIA)
3830	Sep 21 2017	07:52:21.5	6.80	-73.11	145	1.0	0.2	141	9	LOS SANTOS (SANTANDER)
3831	Sep 21 2017	08:27: 8.1	6.78	-73.08	144	1.8	0.5	125	29	LOS SANTOS (SANTANDER)
3832	Sep 21 2017	08:33:51.8	6.83	-73.11	144	1.9	0.6	114	28	LOS SANTOS (SANTANDER)
3833	Sep 21 2017	08:44:55.0	7.74	-74.14	18	1.6	0.2	316	8	SANTA ROSA DEL SUR (BOLIVAR)
3834	Sep 21 2017	09:33: 3.4	6.78	-73.09	157	1.2	0.3	144	12	LOS SANTOS (SANTANDER)
3835	Sep 21 2017	11:20: 5.3	6.00	-76.71	Sup	1.7	0.5	228	13	MEDIO ATRATO (CHOCO)
3836	Sep 21 2017	11:34:56.9	3.53	-77.57	Sup	2.2	0.6	158	15	O. PACIFICO SUR
3837	Sep 21 2017	11:40:55.7	11.58	-73.12	63	1.9	0.3	195	10	MAR CARIBE
3838	Sep 21 2017	12:08: 2.7	2.50	-75.57	18	1.4	0.4	136	12	GIGANTE (HUILA)
3839	Sep 21 2017	12:31:16.0	8.08	-77.03	70	1.8	0.5	186	10	UNGUIA (CHOCO)
3840	Sep 21 2017	13:06: 4.8	6.77	-73.10	144	1.6	0.3	144	10	LOS SANTOS (SANTANDER)
3841	Sep 21 2017	14:25: 0.7	7.18	-76.19	Sup	1.5	0.7	148	10	DABEIBA (ANTIOQUIA)
3842	Sep 21 2017	14:37:48.1	6.75	-73.14	136	1.8	0.4	113	12	LOS SANTOS (SANTANDER)
3843	Sep 21 2017	14:57:27.6	6.78	-73.15	141	1.7	0.3	111	18	LOS SANTOS (SANTANDER)
3844	Sep 21 2017	15:33:37.2	4.88	-76.18	103	1.9	0.6	89	29	SAN JOSE DEL PALMAR (CHOCO)
3845	Sep 21 2017	16:40: 4.4	6.77	-73.11	141	1.4	0.4	142	10	LOS SANTOS (SANTANDER)
3846	Sep 21 2017	17:13:39.8	6.35	-73.58	115	2.3	0.6	69	45	SANTA HELENA DEL OPOON (SANTANDER)
3847	Sep 21 2017	18:29:25.7	6.77	-73.10	140	1.5	0.3	117	10	LOS SANTOS (SANTANDER)
3848	Sep 21 2017	19:02:55.3	6.79	-73.09	151	2.0	0.5	117	24	LOS SANTOS (SANTANDER)
3849	Sep 21 2017	19:14: 3.3	4.74	-76.27	98	2.0	0.5	161	17	EL CAIRO (VALLE)
3850	Sep 21 2017	19:14:22.4	6.77	-73.10	148	1.8	0.2	143	10	LOS SANTOS (SANTANDER)
3851	Sep 21 2017	20:36: 0.4	5.73	-73.85	118	2.4	0.5	96	37	ALBANIA (SANTANDER)
3852	Sep 21 2017	21:03:21.9	10.85	-72.87	24	1.9	0.3	154	10	MANAURE BALCON CESAR (CESAR)
3853	Sep 21 2017	21:05:20.0	8.90	-74.78	Sup	2.2	0.4	98	14	SUCRE (SUCRE)
3854	Sep 21 2017	22:01: 5.2	6.80	-73.15	148	2.0	0.3	135	17	LOS SANTOS (SANTANDER)
3855	Sep 21 2017	22:31:25.4	6.76	-73.09	144	1.6	0.2	145	10	LOS SANTOS (SANTANDER)
3856	Sep 21 2017	23:25: 2.4	8.55	-72.71	Sup	2.5	0.6	144	28	TIBU (N.SANTANDER)
3857	Sep 21 2017	23:28:47.4	5.26	-73.73	151	2.2	0.4	77	29	CUCUNUBA (CUNDINAMARCA)
3858	Sep 21 2017	23:43: 5.9	5.15	-74.61	19	1.1	0.3	126	10	GUADUAS (CUNDINAMARCA)
3859	Sep 22 2017	00:46:51.9	3.56	-77.42	23	1.3	0.6	227	8	O. PACIFICO SUR
3860	Sep 22 2017	01:24:11.3	5.69	-73.43	Sup	1.7	0.7	79	16	ARCABUCO (BOYACA)
3861	Sep 22 2017	01:55:28.2	8.22	-75.94	23	2.8	0.7	223	20	TIERRALTA (CORDOBA)
3862	Sep 22 2017	02:34: 2.0	3.51	-77.22	70	2.8	0.5	106	32	BUENAVENTURA (VALLE)
3863	Sep 22 2017	02:41:14.9	4.71	-76.23	96	1.7	0.6	149	18	EL CAIRO (VALLE)
3864	Sep 22 2017	02:51:14.5	6.79	-73.11	137	1.8	0.4	115	14	LOS SANTOS (SANTANDER)
3865	Sep 22 2017	03:11: 5.3	6.53	-73.71	102	1.7	0.3	94	12	SANTA HELENA DEL OPOON (SANTANDER)
3866	Sep 22 2017	05:53: 3.8	6.79	-73.12	146	1.6	0.3	139	18	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3867	Sep 22 2017	06:41:35.4	4.51	-77.00	32	1.3	0.2	231	10	SIPI (CHOCO)
3868	Sep 22 2017	07:09: 4.0	2.75	-75.07	17	1.0	0.8	291	6	RIVERA (HUILA)
3869	Sep 22 2017	07:33:26.1	2.47	-75.52	Sup	1.1	0.3	73	12	GIGANTE (HUILA)
3870	Sep 22 2017	07:53:20.7	2.01	-75.94	Sup	1.5	0.4	100	20	ELIAS (HUILA)
3871	Sep 22 2017	09:24: 7.3	4.97	-76.20	109	1.2	0.4	143	13	SAN JOSE DEL PALMAR (CHOCO)
3872	Sep 22 2017	09:29: 1.5	6.88	-73.38	21	1.2	0.7	112	14	SAN VICENTE DE CHUCURI (SANTANDER)
3873	Sep 22 2017	09:42:10.4	4.83	-76.00	122	1.6	0.6	83	25	ANSERMANUEVO (VALLE)
3874	Sep 22 2017	10:16:42.1	1.94	-75.94	16	1.6	0.6	108	22	TIMANA (HUILA)
3875	Sep 22 2017	10:29:44.5	6.65	-73.19	137	1.4	0.4	219	9	VILLANUEVA (SANTANDER)
3876	Sep 22 2017	10:55:22.5	4.44	-75.99	28	1.1	0.6	113	12	LA VICTORIA (VALLE)
3877	Sep 22 2017	12:56: 5.1	11.14	-73.91	Sup	2.5	0.7	161	18	PUEBLO BELLO (CESAR)
3878	Sep 22 2017	13:31:31.6	6.74	-73.10	137	1.7	0.6	144	14	LOS SANTOS (SANTANDER)
3879	Sep 22 2017	14:25:22.1	6.77	-73.14	142	1.8	0.4	113	20	LOS SANTOS (SANTANDER)
3880	Sep 22 2017	15:34:45.4	11.17	-73.91	Sup	1.5	0.6	167	10	PUEBLO BELLO (CESAR)
3881	Sep 22 2017	16:09:16.2	2.26	-75.93	Sup	1.8	0.3	120	14	LA ARGENTINA (HUILA)
3882	Sep 22 2017	17:16: 1.8	6.79	-73.15	145	1.7	0.5	111	15	LOS SANTOS (SANTANDER)
3883	Sep 22 2017	20:03:24.6	7.41	-73.18	132	2.2	0.3	147	30	EL PLAYON (SANTANDER)
3884	Sep 22 2017	20:46:10.1	8.87	-74.15	22	2.7	0.6	124	39	BARRANCO DE LOBA (BOLIVAR)
3885	Sep 22 2017	20:56:33.6	6.54	-73.50	116	1.5	0.2	88	13	EL CARMEN (SANTANDER)
3886	Sep 22 2017	21:00:49.3	6.90	-76.18	Sup	2.1	0.6	168	18	URAMITA (ANTIOQUIA)
3887	Sep 22 2017	21:10:49.8	1.37	-77.96	18	2.8	0.8	84	34	MALLAMA (NARINO)
3888	Sep 22 2017	21:26:55.4	6.86	-73.03	153	1.6	0.5	254	12	PIEDRECUESTA (SANTANDER)
3889	Sep 22 2017	22:10:39.9	6.77	-73.14	146	1.9	0.3	138	22	LOS SANTOS (SANTANDER)
3890	Sep 22 2017	22:33:58.8	3.45	-75.31	Sup	2.5	0.4	120	40	ATACO (TOLIMA)
3891	Sep 22 2017	22:56:50.7	6.39	-73.63	106	1.5	0.3	66	17	SANTA HELENA DEL OPOON (SANTANDER)
3892	Sep 22 2017	23:36:48.2	6.77	-73.10	146	2.3	0.4	117	39	LOS SANTOS (SANTANDER)
3893	Sep 23 2017	00:18: 9.6	7.02	-73.06	160	1.4	0.2	132	9	PIEDRECUESTA (SANTANDER)
3894	Sep 23 2017	00:22:35.0	4.71	-76.70	Sup	1.5	0.6	237	10	SIPI (CHOCO)
3895	Sep 23 2017	02:25:48.4	7.37	-78.12	14	2.2	0.5	156	20	O. PACIFICO NORTE
3896	Sep 23 2017	02:49:36.3	7.59	-73.05	154	1.5	0.3	131	11	CACHIRA (N.SANTANDER)
3897	Sep 23 2017	03:54: 3.6	4.78	-76.12	91	1.1	0.4	107	11	ARGELIA (VALLE)
3898	Sep 23 2017	04:02:38.7	2.50	-75.40	22	1.7	0.6	92	19	HOBO (HUILA)
3899	Sep 23 2017	04:55:47.4	6.76	-73.12	143	1.5	0.3	237	8	LOS SANTOS (SANTANDER)
3900	Sep 23 2017	<u>05:17:46.6</u>	<u>9.76</u>	<u>-74.69</u>	<u>46</u>	<u>4.4*</u>	<u>0.9</u>	<u>93</u>	<u>93</u>	<u>PLATO (MAGDALENA)</u>
3901	Sep 23 2017	05:45:59.5	6.78	-73.10	146	2.0	0.3	143	16	LOS SANTOS (SANTANDER)
3902	Sep 23 2017	07:55:30.4	6.79	-73.14	145	1.2	0.4	137	11	LOS SANTOS (SANTANDER)
3903	Sep 23 2017	08:50:49.3	6.83	-73.08	145	1.6	0.3	250	8	LOS SANTOS (SANTANDER)
3904	Sep 23 2017	09:04:17.2	6.79	-73.12	148	1.9	0.4	122	13	LOS SANTOS (SANTANDER)
3905	Sep 23 2017	09:14:35.1	6.58	-73.52	118	3.2	0.5	68	30	EL CARMEN (SANTANDER)
3906	Sep 23 2017	<u>09:19:16.6</u>	<u>9.05</u>	<u>-77.83</u>	<u>47</u>	<u>4.3*</u>	<u>0.5</u>	<u>146</u>	<u>86</u>	<u>FRONTERA CON PANAMA</u>
3907	Sep 23 2017	09:40:28.5	6.77	-73.15	149	1.5	0.4	137	11	LOS SANTOS (SANTANDER)
3908	Sep 23 2017	10:09:17.8	6.91	-76.24	Sup	1.5	0.6	211	10	URAMITA (ANTIOQUIA)
3909	Sep 23 2017	10:21:20.0	6.92	-76.20	Sup	1.3	0.4	205	12	URAMITA (ANTIOQUIA)
3910	Sep 23 2017	10:23:43.7	6.93	-76.27	Sup	1.4	0.5	266	9	DABEIBA (ANTIOQUIA)
3911	Sep 23 2017	10:26:14.0	9.50	-73.79	78	1.7	0.5	169	14	EL PASO (CESAR)
3912	Sep 23 2017	10:28:26.2	5.06	-74.62	16	1.3	0.5	142	19	GUADUAS (CUNDINAMARCA)
3913	Sep 23 2017	12:09:52.3	6.69	-73.14	143	1.4	0.4	230	7	VILLANUEVA (SANTANDER)
3914	Sep 23 2017	13:03:18.1	4.39	-73.78	Sup	2.0	0.6	72	29	EL CALVARIO (META)

*Magnitud de Momento (Mw)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3915	Sep 23 2017	13:14:47.8	1.84	-76.08	Sup	3.2	1.0	79	58	PITALITO (HUILA)
3916	Sep 23 2017	13:23:21.5	1.97	-76.04	Sup	0.9	0.5	138	8	SALADOBLANCO (HUILA)
<u>3917</u>	<u>Sep 23 2017</u>	<u>13:24:16.0</u>	<u>4.95</u>	<u>-75.32</u>	<u>Sup</u>	<u>3.6</u>	<u>0.1</u>	<u>107</u>	<u>61</u>	<u>VOLCAN NEVADO DEL RUIZ</u>
3918	Sep 23 2017	14:32:54.8	6.75	-73.12	138	1.7	0.5	142	12	LOS SANTOS (SANTANDER)
3919	Sep 23 2017	15:53: 7.4	6.11	-73.30	153	1.9	0.4	64	20	SUAITA (SANTANDER)
3920	Sep 23 2017	16:28: 8.6	6.76	-73.17	137	1.6	0.4	241	13	LOS SANTOS (SANTANDER)
3921	Sep 23 2017	16:41:42.1	6.74	-73.15	142	2.2	0.6	113	32	LOS SANTOS (SANTANDER)
3922	Sep 23 2017	18:32:50.7	6.82	-73.08	135	1.8	0.4	219	10	LOS SANTOS (SANTANDER)
3923	Sep 23 2017	19:36:12.1	6.78	-73.17	137	1.5	0.4	109	12	LOS SANTOS (SANTANDER)
3924	Sep 23 2017	20:02:22.3	6.82	-73.12	148	2.2	0.7	113	28	LOS SANTOS (SANTANDER)
3925	Sep 23 2017	20:03:52.5	5.64	-73.48	Sup	2.0	0.6	93	30	VILLA DE LEIVA (BOYACA)
3926	Sep 23 2017	20:17:28.2	4.39	-73.71	Sup	1.4	0.3	178	15	EL CALVARIO (META)
3927	Sep 23 2017	21:38:52.9	6.83	-76.36	15	1.6	0.4	241	8	DABEIBA (ANTIOQUIA)
3928	Sep 23 2017	23:24:55.5	6.75	-73.14	146	1.6	0.5	138	12	LOS SANTOS (SANTANDER)
3929	Sep 23 2017	23:48:14.3	6.86	-73.13	151	2.8	0.6	65	57	LOS SANTOS (SANTANDER)
3930	Sep 24 2017	00:43:22.5	6.76	-73.10	142	1.6	0.2	144	8	LOS SANTOS (SANTANDER)
3931	Sep 24 2017	03:24:21.4	7.36	-73.36	110	1.7	0.4	178	12	SABANA DE TORRES (SANTANDER)
3932	Sep 24 2017	04:54:25.2	6.78	-73.12	135	1.6	0.4	139	14	LOS SANTOS (SANTANDER)
3933	Sep 24 2017	05:22:51.6	8.13	-75.51	22	1.6	0.4	237	8	BUENAVISTA (CORDOBA)
3934	Sep 24 2017	06:10:21.0	4.32	-77.90	39	1.8	0.3	299	8	O. PACIFICO CENTRO
3935	Sep 24 2017	07:48:39.3	3.68	-74.14	Sup	1.5	0.4	145	16	LEJANIAS (META)
3936	Sep 24 2017	07:56:23.1	6.84	-73.12	150	2.8	0.5	66	55	LOS SANTOS (SANTANDER)
3937	Sep 24 2017	08:46:56.6	2.46	-75.43	10	2.1	0.7	94	20	HOBO (HUILA)
3938	Sep 24 2017	08:51:33.4	3.97	-76.32	139	2.1	0.6	78	23	BUGA (VALLE)
3939	Sep 24 2017	09:12:14.9	6.76	-73.16	146	1.5	0.2	233	8	LOS SANTOS (SANTANDER)
3940	Sep 24 2017	09:42:36.2	6.69	-76.64	10	1.8	0.2	264	17	VIGIA DEL FUERTE (ANTIOQUIA)
3941	Sep 24 2017	09:52:26.1	6.78	-73.11	142	1.3	0.2	239	8	LOS SANTOS (SANTANDER)
3942	Sep 24 2017	09:54:47.8	5.78	-77.47	Sup	1.6	0.5	196	13	O. PACIFICO NORTE
3943	Sep 24 2017	10:25: 4.5	6.71	-73.16	148	1.5	0.3	229	10	VILLANUEVA (SANTANDER)
3944	Sep 24 2017	10:33:29.0	6.76	-73.12	134	1.0	0.4	237	8	LOS SANTOS (SANTANDER)
3945	Sep 24 2017	10:53:55.3	6.77	-73.02	139	1.5	0.4	248	10	CEPITA (SANTANDER)
3946	Sep 24 2017	11:15:40.6	2.00	-76.08	6	1.2	0.3	136	16	SALADOBLANCO (HUILA)
3947	Sep 24 2017	11:49:17.5	6.73	-73.16	140	1.3	0.3	230	9	VILLANUEVA (SANTANDER)
3948	Sep 24 2017	12:26: 7.1	3.90	-76.35	118	1.3	0.4	159	10	BUGA (VALLE)
3949	Sep 24 2017	12:46:13.6	6.47	-73.50	116	2.4	0.5	42	41	SIMACOTA (SANTANDER)
3950	Sep 24 2017	12:47:49.6	6.80	-73.11	141	1.8	0.4	215	15	LOS SANTOS (SANTANDER)
3951	Sep 24 2017	13:39:43.9	6.81	-73.05	147	2.0	0.5	120	29	LOS SANTOS (SANTANDER)
3952	Sep 24 2017	15:58:37.6	5.78	-76.52	12	1.7	0.6	213	15	QUIBDO (CHOCO)
3953	Sep 24 2017	16:48:39.6	6.76	-73.13	148	1.5	0.3	139	9	LOS SANTOS (SANTANDER)
3954	Sep 24 2017	16:50:59.1	6.79	-73.13	139	1.7	0.4	139	12	LOS SANTOS (SANTANDER)
3955	Sep 24 2017	16:53:11.2	8.84	-73.05	113	1.9	0.3	146	8	EL TARRA (N.SANTANDER)
3956	Sep 24 2017	17:48:22.9	6.79	-73.09	138	1.4	0.3	99	10	LOS SANTOS (SANTANDER)
3957	Sep 24 2017	19:05:34.3	6.73	-73.11	150	1.6	0.1	236	8	JORDAN (SANTANDER)
3958	Sep 24 2017	19:08:17.6	6.84	-73.10	143	2.4	0.5	68	44	LOS SANTOS (SANTANDER)
3959	Sep 24 2017	20:01:24.7	6.75	-73.13	149	1.5	0.2	235	10	LOS SANTOS (SANTANDER)
3960	Sep 24 2017	20:44:54.7	4.07	-76.28	124	1.6	0.4	146	16	RIOFRIO (VALLE)
3961	Sep 24 2017	21:07:22.6	2.10	-75.78	32	1.5	0.1	123	9	TARQUI (HUILA)
3962	Sep 24 2017	22:03:11.7	6.78	-73.09	150	1.8	0.3	124	18	LOS SANTOS (SANTANDER)
3963	Sep 24 2017	22:53:42.5	6.74	-73.14	147	1.4	0.3	139	8	LOS SANTOS (SANTANDER)
3964	Sep 24 2017	23:01:14.1	6.76	-73.11	147	1.5	0.2	142	11	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
3965	Sep 25 2017	00:16:17.8	6.76	-73.13	143	1.8	0.4	139	18	LOS SANTOS (SANTANDER)
3966	Sep 25 2017	00:18:58.8	6.85	-73.49	121	1.5	0.5	100	13	SAN VICENTE DE CHUCURI (SANTANDER)
3967	Sep 25 2017	00:55:56.0	6.78	-73.11	147	1.3	0.3	239	9	LOS SANTOS (SANTANDER)
3968	Sep 25 2017	01:09:20.3	6.55	-73.51	135	1.1	0.4	158	7	EL CARMEN (SANTANDER)
3969	Sep 25 2017	01:54:46.3	6.70	-73.12	148	1.1	0.0	232	6	JORDAN (SANTANDER)
3970	Sep 25 2017	02:26:36.1	7.09	-74.75	9	1.0	0.5	125	10	SEGOVIA (ANTIOQUIA)
3971	Sep 25 2017	02:56:44.7	6.82	-73.13	144	2.2	0.6	104	42	LOS SANTOS (SANTANDER)
3972	Sep 25 2017	03:19: 8.8	6.81	-73.12	135	1.4	0.4	139	10	LOS SANTOS (SANTANDER)
3973	Sep 25 2017	03:19:28.1	3.59	-74.94	36	1.9	0.5	116	20	DOLORES (TOLIMA)
3974	Sep 25 2017	03:47: 4.7	3.38	-74.68	7	2.0	0.6	97	37	COLOMBIA (HUILA)
3975	Sep 25 2017	03:58: 9.9	10.77	-73.04	91	1.4	0.4	170	12	MANAURE BALCON CESAR (CESAR)
3976	Sep 25 2017	04:16:28.1	4.84	-73.49	Sup	1.4	0.5	255	8	UBALA (CUNDINAMARCA)
3977	Sep 25 2017	04:20: 2.1	6.81	-73.10	151	1.9	0.5	156	30	LOS SANTOS (SANTANDER)
3978	Sep 25 2017	04:32: 5.3	2.31	-76.77	12	1.3	0.2	152	9	ROSAS (CAUCA)
3979	Sep 25 2017	04:36:31.0	6.81	-73.09	147	1.3	0.2	243	8	LOS SANTOS (SANTANDER)
3980	Sep 25 2017	05:44:33.4	5.02	-74.81	32	1.0	0.2	189	6	ARMERO (TOLIMA)
3981	Sep 25 2017	06:11:32.5	6.10	-74.29	Sup	1.3	0.6	94	14	PUERTO NARE (ANTIOQUIA)
3982	Sep 25 2017	06:40: 2.1	6.91	-76.16	Sup	1.9	0.5	166	22	URAMITA (ANTIOQUIA)
3983	Sep 25 2017	06:48:56.8	4.56	-75.87	Sup	0.9	0.5	142	11	OBANDO (VALLE)
3984	Sep 25 2017	06:56:25.6	6.79	-73.16	147	1.3	0.2	235	7	LOS SANTOS (SANTANDER)
3985	Sep 25 2017	07:09:31.4	5.42	-73.78	144	2.0	0.6	50	32	FUQUENE (CUNDINAMARCA)
3986	Sep 25 2017	07:35:14.6	6.82	-73.09	148	2.0	0.5	188	29	LOS SANTOS (SANTANDER)
3987	Sep 25 2017	07:46:15.9	6.82	-73.11	151	1.7	0.4	186	25	LOS SANTOS (SANTANDER)
3988	Sep 25 2017	07:50:31.1	2.41	-75.49	23	1.1	0.4	155	9	GIGANTE (HUILA)
3989	Sep 25 2017	08:29:40.4	5.41	-73.78	138	1.8	0.4	120	24	FUQUENE (CUNDINAMARCA)
3990	Sep 25 2017	08:56:23.5	3.87	-73.66	Sup	1.5	0.5	86	18	CASTILLA LA NUEVA (META)
3991	Sep 25 2017	09:10:28.8	6.89	-73.04	143	1.2	0.4	275	8	PIEDRECUESTA (SANTANDER)
3992	Sep 25 2017	09:15: 8.8	8.39	-73.42	85	1.8	0.1	294	8	GONZALEZ (CESAR)
3993	Sep 25 2017	10:26:10.2	6.80	-73.15	142	1.7	0.4	111	20	LOS SANTOS (SANTANDER)
3994	Sep 25 2017	10:41:13.7	6.86	-73.10	148	1.9	0.6	109	22	LOS SANTOS (SANTANDER)
3995	Sep 25 2017	11:02:55.2	1.45	-76.54	Sup	1.1	0.4	153	13	SANTA ROSA (CAUCA)
3996	Sep 25 2017	13:40:44.9	4.43	-76.12	Sup	1.5	0.5	134	20	ROLDANILLO (VALLE)
3997	Sep 25 2017	14:36:29.1	6.86	-73.11	139	1.6	0.3	304	8	LOS SANTOS (SANTANDER)
3998	Sep 25 2017	15:18:54.4	6.78	-73.11	141	1.6	0.4	115	19	LOS SANTOS (SANTANDER)
3999	Sep 25 2017	17:24:53.2	7.20	-76.16	Sup	1.9	0.6	136	20	DABEIBA (ANTIOQUIA)
4000	Sep 25 2017	17:39:55.7	6.59	-73.34	Sup	0.9	0.3	142	7	HATO (SANTANDER)
4001	Sep 25 2017	18:19: 1.5	11.47	-71.87	50	2.2	0.3	261	10	MAR CARIBE
4002	Sep 25 2017	18:40:46.4	5.40	-73.75	143	2.1	0.5	92	26	FUQUENE (CUNDINAMARCA)
4003	Sep 25 2017	19:48:37.6	4.52	-75.69	11	1.5	0.5	82	18	ARMENIA (QUINDIO)
4004	Sep 25 2017	19:53: 8.4	6.81	-73.12	146	2.4	0.6	67	37	LOS SANTOS (SANTANDER)
4005	Sep 25 2017	21:01: 5.9	3.46	-76.43	131	1.8	0.3	146	12	CALI (VALLE)
4006	Sep 25 2017	22:42:27.5	6.94	-76.10	26	2.6	0.7	92	27	URAMITA (ANTIOQUIA)
4007	Sep 26 2017	00:17:46.7	6.47	-76.77	16	2.4	0.7	133	36	VIGIA DEL FUERTE (ANTIOQUIA)
4008	Sep 26 2017	00:32:12.2	8.22	-73.09	153	1.7	0.4	268	12	HACARI (N.SANTANDER)
4009	Sep 26 2017	00:33:50.4	6.79	-73.14	142	1.8	0.5	137	22	LOS SANTOS (SANTANDER)
4010	Sep 26 2017	00:43: 9.7	6.61	-74.11	Sup	1.1	0.5	128	9	PUERTO PARRA (SANTANDER)
4011	Sep 26 2017	00:54:55.0	6.81	-73.06	138	1.4	0.3	146	7	LOS SANTOS (SANTANDER)
4012	Sep 26 2017	01:15:17.7	6.78	-73.10	138	1.8	0.5	116	24	LOS SANTOS (SANTANDER)
4013	Sep 26 2017	01:25:43.6	5.29	-76.15	82	1.0	0.3	176	9	PUEBLO RICO (RISARALDA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4014	Sep 26 2017	01:30:21.3	6.77	-73.11	144	1.5	0.5	142	14	LOS SANTOS (SANTANDER)
4015	Sep 26 2017	02:39:13.0	6.51	-72.51	Sup	1.3	0.5	183	14	EL ESPINO (BOYACA)
4016	Sep 26 2017	02:49:16.8	6.77	-73.09	148	1.2	0.4	144	11	LOS SANTOS (SANTANDER)
4017	Sep 26 2017	02:53:46.0	6.79	-73.09	150	1.7	0.4	144	20	LOS SANTOS (SANTANDER)
4018	Sep 26 2017	04:24:26.7	6.82	-76.21	Sup	1.4	0.7	159	17	URAMITA (ANTIOQUIA)
4019	Sep 26 2017	05:11:42.7	6.81	-73.13	144	2.2	0.6	112	40	LOS SANTOS (SANTANDER)
4020	Sep 26 2017	05:14:47.2	6.74	-73.11	146	1.3	0.3	143	9	LOS SANTOS (SANTANDER)
4021	Sep 26 2017	06:11:55.0	6.77	-72.85	138	1.2	0.3	263	11	SAN ANDRES (SANTANDER)
4022	Sep 26 2017	06:22: 2.6	6.80	-73.14	149	1.6	0.3	119	18	LOS SANTOS (SANTANDER)
4023	Sep 26 2017	06:23:41.3	3.84	-76.24	121	1.1	0.3	119	8	BUGA (VALLE)
4024	Sep 26 2017	06:29:39.8	3.46	-76.84	63	1.4	0.4	149	11	DAGUA (VALLE)
4025	Sep 26 2017	06:31:55.7	6.78	-73.13	144	1.4	0.3	139	15	LOS SANTOS (SANTANDER)
4026	Sep 26 2017	07:02:22.6	6.79	-73.14	149	2.1	0.6	112	40	LOS SANTOS (SANTANDER)
4027	Sep 26 2017	07:15:55.4	5.08	-76.25	88	1.5	0.6	184	18	SAN JOSE DEL PALMAR (CHOCO)
4028	Sep 26 2017	07:53: 3.1	7.31	-77.20	22	2.0	0.6	64	25	RIOSUCIO (CHOCO)
4029	Sep 26 2017	08:05:55.6	2.44	-75.47	19	1.8	0.5	84	20	GIGANTE (HUILA)
4030	Sep 26 2017	08:08:31.1	6.50	-75.21	Sup	1.2	0.3	148	8	SANTO DOMINGO (ANTIOQUIA)
4031	Sep 26 2017	08:12:10.9	6.80	-73.15	145	2.3	0.6	110	45	LOS SANTOS (SANTANDER)
4032	Sep 26 2017	08:20:47.3	6.84	-73.04	153	1.5	0.4	250	12	LOS SANTOS (SANTANDER)
4033	Sep 26 2017	08:24:48.0	6.73	-73.03	151	1.1	0.1	244	9	ARATOCA (SANTANDER)
4034	Sep 26 2017	10:02: 8.5	4.77	-76.12	94	1.6	0.6	73	28	ARGELIA (VALLE)
4035	Sep 26 2017	10:09:56.0	5.72	-73.90	103	1.6	0.4	93	16	TUNUNGUA (BOYACA)
4036	Sep 26 2017	10:18:56.5	4.04	-78.60	14	1.8	0.9	272	16	O. PACIFICO CENTRO
4037	Sep 26 2017	10:37:39.4	6.81	-73.09	142	1.6	0.4	244	11	LOS SANTOS (SANTANDER)
4038	Sep 26 2017	11:38: 8.4	6.77	-73.12	140	1.6	0.4	238	15	LOS SANTOS (SANTANDER)
4039	Sep 26 2017	12:07:51.7	6.78	-73.12	147	2.1	0.5	114	23	LOS SANTOS (SANTANDER)
4040	Sep 26 2017	14:11: 3.6	3.37	-74.80	18	3.2	0.6	64	56	COLOMBIA (HUILA)
4041	Sep 26 2017	14:11:57.6	3.41	-74.80	23	3.1	0.5	62	39	COLOMBIA (HUILA)
4042	Sep 26 2017	14:26:53.9	3.75	-76.76	60	1.3	0.4	124	8	DAGUA (VALLE)
4043	Sep 26 2017	14:51:44.1	6.72	-77.69	15	2.4	0.6	143	26	O. PACIFICO NORTE
4044	Sep 26 2017	14:53:53.3	6.81	-73.14	144	2.1	0.5	111	25	LOS SANTOS (SANTANDER)
4045	Sep 26 2017	15:35:26.1	6.58	-73.30	129	1.8	0.4	77	14	HATO (SANTANDER)
4046	Sep 26 2017	16:26:42.1	10.60	-73.54	7	2.3	0.3	113	10	PUEBLO BELLO (CESAR)
4047	Sep 26 2017	16:39:52.8	10.60	-73.54	Sup	2.6	0.5	115	14	PUEBLO BELLO (CESAR)
4048	Sep 26 2017	17:28:20.8	9.75	-73.43	141	2.1	0.1	127	8	BECERRIL (CESAR)
4049	Sep 26 2017	17:46:34.5	6.82	-73.12	143	1.6	0.4	138	14	LOS SANTOS (SANTANDER)
4050	Sep 26 2017	18:03:17.2	6.76	-73.14	138	1.2	0.2	139	8	LOS SANTOS (SANTANDER)
4051	Sep 26 2017	19:09:44.4	5.80	-75.92	51	1.8	0.3	156	8	HISPANIA (ANTIOQUIA)
4052	Sep 26 2017	19:32:21.2	6.80	-73.12	146	2.3	0.3	139	26	LOS SANTOS (SANTANDER)
4053	Sep 26 2017	21:24:15.0	6.62	-74.09	Sup	1.8	0.4	90	16	PUERTO PARRA (SANTANDER)
4054	Sep 26 2017	23:14:40.7	6.82	-73.13	145	2.6	0.6	66	42	LOS SANTOS (SANTANDER)
4055	Sep 27 2017	00:17:17.5	4.19	-76.11	Sup	0.8	0.4	122	8	BUGALAGRANDE (VALLE)
4056	Sep 27 2017	00:44: 0.6	1.91	-79.89	32	2.6	0.5	239	49	O. PACIFICO SUR
4057	Sep 27 2017	00:46: 4.1	6.81	-73.08	139	1.1	0.2	144	8	LOS SANTOS (SANTANDER)
4058	Sep 27 2017	00:48:24.9	5.28	-73.72	136	1.4	0.3	134	11	LENGUAZAQUE (CUNDINAMARCA)
4059	Sep 27 2017	01:02:45.6	6.79	-73.11	151	2.3	0.5	68	45	LOS SANTOS (SANTANDER)
4060	Sep 27 2017	01:04: 3.5	6.80	-73.09	143	1.6	0.3	142	12	LOS SANTOS (SANTANDER)
4061	Sep 27 2017	01:50: 6.8	5.71	-73.95	100	0.9	0.3	92	12	TUNUNGUA (BOYACA)
4062	Sep 27 2017	02:18:41.8	6.76	-73.39	111	1.4	0.2	136	10	SAN VICENTE DE CHUCURI (SANTANDER)
4063	Sep 27 2017	02:23:28.6	6.85	-73.04	148	1.3	0.1	147	8	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4064	Sep 27 2017	02:24:40.1	6.75	-73.09	138	1.0	0.2	146	7	LOS SANTOS (SANTANDER)
4065	Sep 27 2017	02:38:58.4	4.82	-74.75	51	0.9	0.0	196	7	BELTRAN (CUNDINAMARCA)
4066	Sep 27 2017	03:07:56.0	6.83	-73.12	147	2.3	0.7	66	49	LOS SANTOS (SANTANDER)
4067	Sep 27 2017	03:47:39.1	6.83	-73.12	152	1.8	0.5	119	28	LOS SANTOS (SANTANDER)
4068	Sep 27 2017	04:32:52.4	1.92	-79.20	24	1.8	0.6	271	11	O. PACIFICO SUR
4069	Sep 27 2017	04:33:57.4	5.34	-74.42	7	1.1	0.2	260	8	LA PALMA (CUNDINAMARCA)
4070	Sep 27 2017	04:43:34.0	6.78	-73.12	138	1.5	0.4	141	12	LOS SANTOS (SANTANDER)
4071	Sep 27 2017	04:49:13.0	6.77	-73.12	146	1.7	0.4	115	25	LOS SANTOS (SANTANDER)
4072	Sep 27 2017	05:10:37.3	4.74	-76.25	40	1.3	0.4	156	15	EL CAIRO (VALLE)
4073	Sep 27 2017	05:31: 9.2	5.36	-75.92	18	1.2	0.2	132	12	MISTRATO (RISARALDA)
4074	Sep 27 2017	05:31:40.6	6.81	-76.22	Sup	1.3	0.5	175	12	URAMITA (ANTIOQUIA)
4075	Sep 27 2017	05:59: 0.8	6.42	-73.41	113	0.7	0.3	158	7	SIMACOTA (SANTANDER)
4076	Sep 27 2017	06:04:16.5	6.83	-73.08	146	2.0	0.6	70	35	LOS SANTOS (SANTANDER)
4077	Sep 27 2017	06:25:19.5	6.82	-73.17	146	1.2	0.2	132	8	ZAPATOCA (SANTANDER)
4078	Sep 27 2017	06:49:43.4	5.70	-77.77	50	2.0	0.4	208	19	O. PACIFICO NORTE
4079	Sep 27 2017	06:59:17.4	6.81	-73.14	148	1.9	0.5	119	29	LOS SANTOS (SANTANDER)
4080	Sep 27 2017	08:00:10.8	5.30	-72.76	Sup	1.1	0.4	96	10	PAJARITO (BOYACA)
4081	Sep 27 2017	08:12:18.1	6.82	-73.10	144	1.6	0.4	141	17	LOS SANTOS (SANTANDER)
4082	Sep 27 2017	08:45:23.4	6.18	-73.76	101	1.3	0.2	207	8	LANDAZURI (SANTANDER)
4083	Sep 27 2017	08:53:10.3	6.83	-73.26	125	1.5	0.3	112	10	ZAPATOCA (SANTANDER)
4084	Sep 27 2017	09:02:17.2	12.64	-73.19	32	2.0	0.2	273	14	MAR CARIBE
4085	Sep 27 2017	09:04:32.1	6.74	-73.18	184	1.6	2.8	134	14	LOS SANTOS (SANTANDER)
4086	Sep 27 2017	09:18:58.8	7.87	-72.24	Sup	1.4	0.3	301	8	FRONTERA CON VENEZUELA
4087	Sep 27 2017	09:46: 1.5	6.86	-73.02	143	1.3	0.2	253	7	CEPITA (SANTANDER)
4088	Sep 27 2017	09:56:39.7	6.82	-73.01	141	1.1	0.2	252	6	CEPITA (SANTANDER)
4089	Sep 27 2017	09:56:49.1	6.80	-73.15	147	1.4	0.2	237	6	LOS SANTOS (SANTANDER)
4090	Sep 27 2017	10:56:39.0	3.73	-76.89	22	1.3	0.5	146	8	DAGUA (VALLE)
4091	Sep 27 2017	11:02:29.6	2.48	-75.53	Sup	1.3	0.3	144	12	GIGANTE (HUILA)
4092	Sep 27 2017	11:22:53.7	6.83	-73.13	147	1.5	0.3	242	9	LOS SANTOS (SANTANDER)
4093	Sep 27 2017	11:38: 2.7	4.82	-76.22	102	1.2	0.2	260	8	EL CAIRO (VALLE)
4094	Sep 27 2017	11:53:31.6	11.38	-72.99	27	1.8	0.4	173	8	MANAURE BALCON CESAR (CESAR)
4095	Sep 27 2017	12:23:29.6	6.74	-73.14	138	1.5	0.4	233	10	LOS SANTOS (SANTANDER)
4096	Sep 27 2017	13:21:43.6	6.82	-73.16	136	1.5	0.5	132	10	LOS SANTOS (SANTANDER)
4097	Sep 27 2017	13:27:42.8	5.96	-76.81	Sup	1.5	0.4	236	11	MEDIO ATRATO (CHOCO)
4098	Sep 27 2017	13:44:30.6	6.85	-73.17	119	1.4	0.4	130	12	ZAPATOCA (SANTANDER)
4099	Sep 27 2017	14:16:34.2	6.80	-73.15	142	2.4	0.6	111	32	LOS SANTOS (SANTANDER)
4100	Sep 27 2017	14:43:22.9	6.78	-73.14	143	1.8	0.4	138	14	LOS SANTOS (SANTANDER)
4101	Sep 27 2017	14:52:55.5	6.81	-73.10	141	2.0	0.5	141	20	LOS SANTOS (SANTANDER)
4102	Sep 27 2017	15:12:38.6	4.48	-75.69	11	1.0	0.4	166	12	ARMENIA (QUINDIO)
4103	Sep 27 2017	16:20:32.5	6.80	-73.16	138	1.6	0.2	134	9	LOS SANTOS (SANTANDER)
4104	Sep 27 2017	17:05:11.4	6.78	-73.12	136	1.7	0.6	140	16	LOS SANTOS (SANTANDER)
4105	Sep 27 2017	17:36:16.5	6.80	-73.13	144	1.4	0.4	239	9	LOS SANTOS (SANTANDER)
4106	Sep 27 2017	17:46:37.0	6.83	-73.11	142	2.0	0.6	113	22	LOS SANTOS (SANTANDER)
4107	Sep 27 2017	18:58:38.6	6.75	-73.16	143	1.4	0.3	232	9	LOS SANTOS (SANTANDER)
4108	Sep 27 2017	19:15:39.4	5.96	-73.76	118	2.2	0.6	66	34	BOLIVAR (SANTANDER)
4109	Sep 27 2017	20:07: 3.3	6.86	-76.61	Sup	1.8	0.4	213	15	MURINDO (ANTIOQUIA)
4110	Sep 27 2017	20:18:36.5	6.34	-76.48	Sup	2.4	0.3	212	16	URRAO (ANTIOQUIA)
4111	Sep 27 2017	21:51:14.0	7.38	-72.02	Sup	3.5	0.4	303	10	FRONTERA CON VENEZUELA
4112	Sep 27 2017	23:17:47.7	6.81	-73.00	147	1.7	0.4	155	8	CEPITA (SANTANDER)
4113	Sep 28 2017	01:08:53.8	6.80	-76.22	Sup	1.3	0.4	196	9	FRONTINO (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4114	Sep 28 2017	01:15:37.1	6.75	-73.13	140	1.6	0.3	140	19	LOS SANTOS (SANTANDER)
4115	Sep 28 2017	02:07:38.5	6.74	-73.05	147	1.5	0.4	221	12	JORDAN (SANTANDER)
4116	Sep 28 2017	02:15:16.3	4.85	-74.48	Sup	0.9	0.2	228	10	GUAYABAL DE SIQUIMA (CUNDINAMARCA)
4117	Sep 28 2017	02:16:28.7	6.77	-73.12	142	2.3	0.3	97	40	LOS SANTOS (SANTANDER)
4118	Sep 28 2017	02:21:48.5	6.81	-73.13	146	2.9	0.6	55	64	LOS SANTOS (SANTANDER)
4119	Sep 28 2017	02:41:21.7	6.83	-73.08	146	1.1	0.3	143	7	LOS SANTOS (SANTANDER)
4120	Sep 28 2017	03:00:41.8	6.78	-73.08	149	1.9	0.4	97	29	LOS SANTOS (SANTANDER)
4121	Sep 28 2017	03:17:41.8	7.49	-73.42	15	1.3	0.4	245	8	SABANA DE TORRES (SANTANDER)
4122	Sep 28 2017	03:39:44.8	1.38	-77.92	29	1.7	0.4	189	12	MALLAMA (NARINO)
4123	Sep 28 2017	04:54:29.2	10.84	-73.82	8	2.0	0.8	115	13	PUEBLO BELLO (CESAR)
4124	Sep 28 2017	04:57:38.6	10.59	-73.55	105	1.8	0.5	170	7	PUEBLO BELLO (CESAR)
4125	Sep 28 2017	05:55:25.5	6.77	-73.08	141	1.5	0.1	145	6	LOS SANTOS (SANTANDER)
4126	Sep 28 2017	06:00:20.9	9.17	-73.00	Sup	2.5	0.7	167	31	LA JAGUA DE IBIRICO (CESAR)
4127	Sep 28 2017	06:30:51.1	1.54	-76.88	Sup	1.4	0.7	147	16	LA JAGUA DE IBIRICO (CESAR)
4128	Sep 28 2017	06:33:15.9	6.84	-73.20	137	1.0	0.4	190	7	ZAPATOCA (SANTANDER)
4129	Sep 28 2017	06:55:58.1	6.14	-73.65	114	1.0	0.1	136	10	LA PAZ (SANTANDER)
4130	Sep 28 2017	07:07: 8.0	6.83	-73.16	146	1.8	0.5	133	25	LOS SANTOS (SANTANDER)
4131	Sep 28 2017	07:46:28.0	6.66	-74.09	19	1.4	0.3	106	10	PUERTO PARRA (SANTANDER)
4132	Sep 28 2017	08:22:32.1	6.78	-73.12	149	1.4	0.3	141	11	LOS SANTOS (SANTANDER)
4133	Sep 28 2017	08:44:20.5	1.78	-76.47	Sup	0.8	0.8	229	6	SANTA ROSA (CAUCA)
4134	Sep 28 2017	08:50: 0.6	8.24	-73.52	96	1.4	0.5	257	11	AGUACHICA (CESAR)
4135	Sep 28 2017	09:49:38.6	6.82	-73.12	142	1.2	0.3	138	8	LOS SANTOS (SANTANDER)
4136	Sep 28 2017	12:23:34.9	5.25	-73.75	147	2.3	0.4	54	40	CUCUNUBA (CUNDINAMARCA)
4137	Sep 28 2017	12:35:43.0	5.57	-73.86	128	1.8	0.3	75	24	CALDAS (BOYACA)
4138	Sep 28 2017	12:37:36.6	6.67	-73.56	108	1.6	0.3	120	9	EL CARMEN (SANTANDER)
4139	Sep 28 2017	12:58:20.2	6.81	-73.16	145	1.7	0.6	109	18	LOS SANTOS (SANTANDER)
4140	Sep 28 2017	13:24:26.5	6.85	-73.14	149	2.1	0.6	110	28	LOS SANTOS (SANTANDER)
4141	Sep 28 2017	15:04:16.8	6.79	-73.13	147	1.4	0.1	138	9	LOS SANTOS (SANTANDER)
4142	Sep 28 2017	15:08: 1.3	6.77	-73.10	136	1.6	0.5	116	17	LOS SANTOS (SANTANDER)
4143	Sep 28 2017	15:43:46.2	6.93	-71.87	Sup	2.2	0.6	235	18	SARAVENA (ARAUCA)
4144	Sep 28 2017	16:07: 3.2	5.05	-78.42	32	3.0	0.7	149	76	O. PACIFICO CENTRO
4145	Sep 28 2017	16:13:31.4	5.00	-78.24	14	1.9	0.4	290	23	O. PACIFICO CENTRO
4146	Sep 28 2017	16:16:14.0	6.78	-73.08	145	1.1	0.2	146	10	LOS SANTOS (SANTANDER)
4147	Sep 28 2017	16:18:41.1	6.77	-73.07	142	1.3	0.4	147	11	LOS SANTOS (SANTANDER)
4148	Sep 28 2017	16:25:43.4	6.85	-73.12	138	1.4	0.2	244	8	LOS SANTOS (SANTANDER)
4149	Sep 28 2017	16:32:22.3	4.19	-75.52	188	1.4	0.4	103	18	RONCESVALLES (TOLIMA)
4150	Sep 28 2017	16:37:54.3	5.22	-74.61	12	1.2	0.3	124	12	HONDA (TOLIMA)
4151	Sep 28 2017	16:52:46.7	6.78	-73.07	141	1.5	0.3	146	10	LOS SANTOS (SANTANDER)
4152	Sep 28 2017	17:01:37.3	6.78	-73.10	145	1.7	0.3	143	14	LOS SANTOS (SANTANDER)
4153	Sep 28 2017	17:33:10.1	7.38	-75.31	12	2.9	0.8	69	60	CACERES (ANTIOQUIA)
4154	Sep 28 2017	23:40:23.2	6.79	-73.10	136	2.0	0.4	142	16	LOS SANTOS (SANTANDER)
4155	Sep 29 2017	00:30:34.1	5.61	-74.01	110	1.5	0.4	67	20	PAUNA (BOYACA)
4156	Sep 29 2017	00:36:19.8	6.32	-73.61	97	1.0	0.2	109	11	SANTA HELENA DEL OPO (SANTANDER)
4157	Sep 29 2017	00:48:57.3	6.81	-73.14	145	2.0	0.4	136	32	LOS SANTOS (SANTANDER)
4158	Sep 29 2017	02:15:23.8	3.68	-76.27	113	1.2	0.4	184	7	EL CERRITO (VALLE)
4159	Sep 29 2017	02:38:44.1	5.64	-77.68	32	1.9	0.6	188	18	O. PACIFICO NORTE
4160	Sep 29 2017	02:45: 3.5	3.61	-76.07	Sup	0.9	0.5	124	10	GINEBRA (VALLE)
4161	Sep 29 2017	02:51:33.5	6.84	-76.20	Sup	2.1	0.6	158	33	URAMITA (ANTIOQUIA)
4162	Sep 29 2017	02:59: 0.2	6.84	-76.30	Sup	2.3	0.7	96	43	URAMITA (ANTIOQUIA)
4163	Sep 29 2017	03:11:55.7	11.86	-72.87	22	1.5	0.4	218	8	MAR CARIBE

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4164	Sep 29 2017	03:29:53.5	6.84	-76.28	Sup	1.0	0.7	180	10	URAMITA (ANTIOQUIA)
4165	Sep 29 2017	03:31:54.8	6.82	-76.24	Sup	1.2	0.9	177	16	URAMITA (ANTIOQUIA)
4166	Sep 29 2017	03:45:46.8	6.74	-73.09	139	1.2	0.3	146	8	LOS SANTOS (SANTANDER)
4167	Sep 29 2017	03:56: 6.9	6.82	-73.09	143	1.3	0.3	142	8	LOS SANTOS (SANTANDER)
4168	Sep 29 2017	04:50:41.1	6.84	-73.13	145	1.4	0.4	242	14	LOS SANTOS (SANTANDER)
4169	Sep 29 2017	05:06:47.3	5.03	-78.31	36	2.8	0.4	147	64	O. PACIFICO CENTRO
4170	Sep 29 2017	05:24:20.4	6.96	-73.06	155	1.3	0.3	255	7	PIEDRECUESTA (SANTANDER)
4171	Sep 29 2017	06:15:27.0	6.63	-73.64	99	1.4	0.4	104	14	EL CARMEN (SANTANDER)
4172	Sep 29 2017	06:17:38.3	6.64	-74.11	Sup	1.1	0.6	89	12	PUERTO PARRA (SANTANDER)
4173	Sep 29 2017	07:06:18.9	10.49	-72.12	12	1.5	0.2	230	8	FRONTERA CON VENEZUELA
4174	Sep 29 2017	07:37:14.7	6.86	-73.10	147	2.7	0.7	58	62	LOS SANTOS (SANTANDER)
4175	Sep 29 2017	08:12: 1.5	10.60	-73.37	78	1.6	0.3	124	8	PUEBLO BELLO (CESAR)
4176	Sep 29 2017	08:22:30.1	6.80	-73.15	137	1.1	0.4	237	7	LOS SANTOS (SANTANDER)
4177	Sep 29 2017	08:44:18.6	6.80	-73.05	150	1.4	0.5	226	11	LOS SANTOS (SANTANDER)
4178	Sep 29 2017	08:59:41.6	5.55	-75.46	Sup	0.5	0.5	179	7	PACORA (CALDAS)
4179	Sep 29 2017	10:17:23.2	3.42	-77.09	90	3.3	0.6	75	99	PACORA (CALDAS)
4180	Sep 29 2017	10:54:54.7	2.06	-75.76	Sup	1.4	0.4	101	11	ALTAMIRA (HUILA)
4181	Sep 29 2017	11:14:45.4	6.76	-73.13	147	1.4	0.2	140	11	LOS SANTOS (SANTANDER)
4182	Sep 29 2017	11:39:22.2	6.55	-73.47	117	2.4	0.6	68	43	EL CARMEN (SANTANDER)
4183	Sep 29 2017	11:58:53.7	4.77	-74.75	Sup	1.1	0.4	196	15	AMBALEMA (TOLIMA)
4184	Sep 29 2017	12:27:19.8	6.60	-72.16	Sup	1.8	0.5	150	18	GUICAN (BOYACA)
4185	Sep 29 2017	12:31:13.8	6.78	-73.11	139	1.4	0.2	162	8	LOS SANTOS (SANTANDER)
4186	Sep 29 2017	12:34:54.0	6.78	-73.11	148	1.4	0.4	141	12	LOS SANTOS (SANTANDER)
4187	Sep 29 2017	13:36: 5.3	4.79	-74.70	23	1.6	0.5	95	20	BELTRAN (CUNDINAMARCA)
4188	Sep 29 2017	13:52:59.5	6.79	-73.11	141	1.4	0.4	141	11	LOS SANTOS (SANTANDER)
4189	Sep 29 2017	14:05: 8.4	6.79	-73.12	139	1.6	0.4	140	14	LOS SANTOS (SANTANDER)
4190	Sep 29 2017	14:43: 8.7	6.79	-73.14	141	1.6	0.4	137	15	LOS SANTOS (SANTANDER)
4191	Sep 29 2017	15:20:59.7	2.32	-75.46	21	1.1	0.4	185	8	GIGANTE (HUILA)
4192	Sep 29 2017	16:58:50.9	6.78	-73.13	147	1.2	0.3	138	13	LOS SANTOS (SANTANDER)
4193	Sep 29 2017	17:58:20.6	6.84	-73.13	141	2.3	0.7	111	40	LOS SANTOS (SANTANDER)
4194	Sep 29 2017	22:34:48.4	6.63	-74.08	Sup	2.2	0.6	90	20	PUERTO PARRA (SANTANDER)
4195	Sep 29 2017	22:52: 3.2	6.83	-73.14	154	4.7*	0.6	56	104	LOS SANTOS (SANTANDER)
4196	Sep 29 2017	23:54:59.5	6.80	-73.11	144	2.5	0.6	215	22	LOS SANTOS (SANTANDER)
4197	Sep 30 2017	00:21:44.5	6.81	-73.10	143	1.8	0.4	217	16	LOS SANTOS (SANTANDER)
4198	Sep 30 2017	00:47:30.4	7.82	-72.98	177	2.1	0.4	196	21	VILLA CARO (N.SANTANDER)
4199	Sep 30 2017	00:52: 4.0	6.32	-73.57	115	1.4	0.2	109	11	SANTA HELENA DEL OPO (SANTANDER)
4200	Sep 30 2017	01:26:53.1	6.79	-73.13	147	2.2	0.4	113	35	LOS SANTOS (SANTANDER)
4201	Sep 30 2017	02:21:25.7	4.54	-73.56	Sup	1.1	0.4	169	8	SAN JUANITO (META)
4202	Sep 30 2017	02:21:32.0	6.51	-73.32	148	1.3	0.2	144	7	HATO (SANTANDER)
4203	Sep 30 2017	02:22:10.2	7.35	-73.25	122	1.4	0.2	258	6	EL PLAYON (SANTANDER)
4204	Sep 30 2017	02:35:30.5	6.59	-73.46	116	1.4	0.3	115	12	EL CARMEN (SANTANDER)
4205	Sep 30 2017	02:57:41.1	6.82	-73.05	145	1.4	0.3	222	12	LOS SANTOS (SANTANDER)
4206	Sep 30 2017	03:18:28.3	6.60	-73.21	146	1.4	0.2	151	7	CABRERA (SANTANDER)
4207	Sep 30 2017	03:43: 0.7	6.81	-73.11	147	1.8	0.4	216	23	LOS SANTOS (SANTANDER)
4208	Sep 30 2017	03:54:18.1	2.43	-75.55	14	1.0	0.4	139	10	GIGANTE (HUILA)
4209	Sep 30 2017	04:27:41.9	6.55	-73.05	143	1.4	0.3	199	9	CURITI (SANTANDER)
4210	Sep 30 2017	04:29:44.5	6.84	-73.13	152	2.6	0.5	65	51	LOS SANTOS (SANTANDER)
4211	Sep 30 2017	04:38:26.3	5.70	-76.82	Sup	1.6	0.4	265	12	QUIBDO (CHOCO)
4212	Sep 30 2017	04:38:26.4	5.70	-76.79	Sup	1.6	0.3	282	9	QUIBDO (CHOCO)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4213	Sep 30 2017	04:39:27.4	6.72	-73.12	134	1.4	0.4	234	12	JORDAN (SANTANDER)
4214	Sep 30 2017	04:42: 2.2	6.83	-73.13	146	1.8	0.5	186	26	LOS SANTOS (SANTANDER)
4215	Sep 30 2017	05:25:20.3	6.57	-73.48	114	1.6	0.4	110	23	EL CARMEN (SANTANDER)
4216	Sep 30 2017	05:39:58.1	6.84	-73.15	153	1.8	0.4	185	23	LOS SANTOS (SANTANDER)
4217	Sep 30 2017	06:32:51.7	6.81	-73.07	140	1.7	0.5	119	18	LOS SANTOS (SANTANDER)
4218	Sep 30 2017	06:39:53.3	5.41	-75.98	45	0.9	0.2	146	12	MISTRATO (RISARALDA)
4219	Sep 30 2017	07:05:15.1	6.50	-73.33	155	1.3	0.3	145	8	HATO (SANTANDER)
4220	Sep 30 2017	07:08:42.4	4.95	-72.95	Sup	1.2	0.5	165	8	MONTERREY (CASANARE)
4221	Sep 30 2017	08:06:35.7	2.03	-77.35	Sup	0.8	0.4	234	10	LEIVA (NARINO)
4222	Sep 30 2017	08:35: 3.0	2.32	-75.74	Sup	0.9	0.3	97	15	AGRADO (HUILA)
4223	Sep 30 2017	08:51:25.1	2.74	-76.32	117	1.1	0.1	238	8	JAMBALO (CAUCA)
4224	Sep 30 2017	09:18:59.3	6.82	-73.15	139	1.8	0.5	110	25	LOS SANTOS (SANTANDER)
4225	Sep 30 2017	09:33:34.3	6.82	-73.13	142	2.1	0.5	112	32	LOS SANTOS (SANTANDER)
4226	Sep 30 2017	09:47:46.4	6.87	-76.50	Sup	1.1	0.3	201	8	DABEIBA (ANTIOQUIA)
4227	Sep 30 2017	09:59:11.6	3.90	-71.51	Sup	2.9	0.7	226	63	PUERTO GAITAN (META)
4228	Sep 30 2017	10:39: 5.6	6.77	-73.17	147	1.4	0.3	135	7	LOS SANTOS (SANTANDER)
4229	Sep 30 2017	12:20:19.1	6.54	-73.40	121	1.3	0.2	135	6	HATO (SANTANDER)
4230	Sep 30 2017	12:41: 3.7	6.61	-74.08	Sup	1.5	0.3	103	14	PUERTO PARRA (SANTANDER)
4231	Sep 30 2017	13:57:15.9	4.78	-74.66	20	1.0	0.3	207	8	SAN JUAN DE RIOSECO (CUNDINAMARCA)
4232	Sep 30 2017	14:12:20.5	6.82	-73.16	145	2.1	0.4	109	24	LOS SANTOS (SANTANDER)
4233	Sep 30 2017	14:15:53.9	5.14	-76.74	29	1.3	0.7	232	12	MEDIO SAN JUAN (CHOCO)
4234	Sep 30 2017	14:21:17.1	6.26	-76.68	Sup	1.5	0.4	255	9	MEDIO ATRATO (CHOCO)
4235	Sep 30 2017	14:23:56.9	10.25	-73.41	105	1.8	0.3	130	9	PUEBLO BELLO (CESAR)
4236	Sep 30 2017	15:12:40.4	11.46	-72.87	Sup	1.5	0.4	178	9	MANAURE BALCON CESAR (CESAR)
4237	Sep 30 2017	16:18: 9.3	6.85	-73.09	145	1.5	0.4	250	9	LOS SANTOS (SANTANDER)
4238	Sep 30 2017	16:40:34.1	3.90	-76.79	40	1.3	0.5	111	11	DAGUA (VALLE)
4239	Sep 30 2017	16:58:14.4	6.89	-73.31	125	2.2	0.7	86	30	BETULIA (SANTANDER)
4240	Sep 30 2017	17:22:13.6	2.23	-78.85	61	1.7	0.4	239	12	O. PACIFICO SUR
4241	Sep 30 2017	18:35:49.7	6.64	-74.09	6	1.6	0.8	106	16	PUERTO PARRA (SANTANDER)
4242	Sep 30 2017	19:26:54.7	7.28	-78.25	7	2.0	0.6	213	11	JURADO (CHOCO)
4243	Sep 30 2017	19:37:34.3	3.71	-71.36	Sup	1.7	0.4	300	9	PUERTO GAITAN (META)
4244	Sep 30 2017	20:30: 9.8	7.08	-76.14	Sup	1.9	0.7	105	14	DABEIBA (ANTIOQUIA)
4245	Oct 1 2017	01:01:41.1	5.26	-73.71	150	2.9	0.7	55	77	LENGUAZAUQUE (CUNDINAMARCA)
4246	Oct 1 2017	01:12: 9.5	6.76	-73.11	138	1.4	0.2	142	10	LOS SANTOS (SANTANDER)
4247	Oct 1 2017	01:35:25.9	7.65	-73.26	137	5.7*	0.8	55	274	LA ESPERANZA (N.SANTANDER)
4248	Oct 1 2017	01:59:18.9	4.16	-75.94	144	1.3	0.3	91	14	SEVILLA (VALLE)
4249	Oct 1 2017	02:39:50.6	3.76	-75.93	Sup	1.0	0.2	141	8	GINEBRA (VALLE)
4250	Oct 1 2017	03:15: 8.3	6.84	-73.12	151	2.3	0.4	75	41	LOS SANTOS (SANTANDER)
4251	Oct 1 2017	03:47:11.5	2.51	-77.37	74	1.0	0.1	230	8	ARGELIA (CAUCA)
4252	Oct 1 2017	04:05:48.5	6.77	-73.10	139	1.5	0.3	143	14	LOS SANTOS (SANTANDER)
4253	Oct 1 2017	04:12: 8.8	2.07	-76.17	Sup	1.2	0.7	135	15	SALADOBLANCO (HUILA)
4254	Oct 1 2017	04:47:47.3	6.86	-73.15	149	1.1	0.3	319	6	LOS SANTOS (SANTANDER)
4255	Oct 1 2017	04:47:47.9	6.74	-73.07	152	1.2	0.7	156	9	JORDAN (SANTANDER)
4256	Oct 1 2017	04:55:37.3	10.02	-73.02	137	1.5	0.3	188	7	AGUSTIN CODAZZI (CESAR)
4257	Oct 1 2017	05:19:16.1	6.77	-73.14	146	1.8	0.4	71	23	LOS SANTOS (SANTANDER)
4258	Oct 1 2017	06:23: 3.7	6.79	-73.15	138	1.6	0.4	136	16	LOS SANTOS (SANTANDER)
4259	Oct 1 2017	06:42: 1.2	6.81	-73.16	145	1.6	0.4	134	15	LOS SANTOS (SANTANDER)
4260	Oct 1 2017	06:44:58.6	5.72	-73.90	109	1.3	0.3	92	17	TUNUNGUA (BOYACA)
4261	Oct 1 2017	07:07:17.7	1.79	-79.23	11	2.9	0.8	238	54	O. PACIFICO SUR

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4262	Oct 1 2017	07:19:18.5	1.99	-79.21	22	1.3	1.0	272	12	O. PACIFICO SUR
4263	Oct 1 2017	07:22:53.3	1.97	-79.23	22	1.8	0.6	272	16	O. PACIFICO SUR
4264	Oct 1 2017	07:24:59.3	2.44	-79.37	20	1.5	0.6	297	7	O. PACIFICO SUR
4265	Oct 1 2017	07:41:26.9	6.81	-73.15	138	2.1	0.7	65	32	LOS SANTOS (SANTANDER)
4266	Oct 1 2017	07:58:54.3	6.80	-73.13	137	1.7	0.4	138	14	LOS SANTOS (SANTANDER)
4267	Oct 1 2017	08:05:32.2	1.98	-77.18	117	1.1	0.1	233	7	BALBOA (CAUCA)
4268	Oct 1 2017	08:35:22.6	6.83	-73.19	141	1.3	0.3	128	14	ZAPATOCA (SANTANDER)
4269	Oct 1 2017	08:35:37.7	0.96	-78.12	Sup	1.5	0.2	176	9	RICAUARTE (NARINO)
4270	Oct 1 2017	08:52:24.5	6.81	-73.13	142	1.3	0.4	137	12	LOS SANTOS (SANTANDER)
4271	Oct 1 2017	09:18:26.5	6.80	-73.13	143	1.4	0.4	138	13	LOS SANTOS (SANTANDER)
4272	Oct 1 2017	09:43:10.5	3.89	-76.22	119	0.8	0.2	109	9	BUGA (VALLE)
4273	Oct 1 2017	09:45: 8.7	6.83	-73.16	143	2.5	0.6	64	54	LOS SANTOS (SANTANDER)
4274	Oct 1 2017	10:35:57.3	7.92	-73.90	10	2.1	0.6	89	30	SIMITI (BOLIVAR)
4275	Oct 1 2017	10:51:54.7	11.36	-72.14	80	2.8	0.5	125	45	MANAURE BALCON CESAR (CESAR)
4276	Oct 1 2017	11:22:33.7	6.85	-73.15	137	0.9	0.3	133	6	LOS SANTOS (SANTANDER)
4277	Oct 1 2017	11:47:38.0	6.59	-73.51	114	3.4	0.6	43	81	EL CARMEN (SANTANDER)
4278	Oct 1 2017	12:27:45.5	6.55	-73.47	117	1.7	0.4	100	22	EL CARMEN (SANTANDER)
4279	Oct 1 2017	12:51: 4.7	4.71	-76.18	86	2.3	0.5	52	41	EL CAIRO (VALLE)
4280	Oct 1 2017	13:07:28.5	6.74	-73.14	141	1.1	0.2	139	7	LOS SANTOS (SANTANDER)
4281	Oct 1 2017	14:01: 3.9	6.78	-71.74	Sup	1.2	0.4	247	8	FORTUL (ARAUCA)
4282	Oct 1 2017	14:16:27.2	6.77	-73.11	140	1.5	0.3	142	11	LOS SANTOS (SANTANDER)
4283	Oct 1 2017	16:26:13.1	7.54	-72.16	Sup	2.1	0.6	160	12	FRONTERA CON VENEZUELA
4284	Oct 1 2017	16:42:50.3	6.79	-73.11	147	1.9	0.2	115	17	LOS SANTOS (SANTANDER)
4285	Oct 1 2017	17:18: 1.1	6.93	-73.78	Sup	1.9	0.5	132	19	YONDO (ANTIOQUIA)
4286	Oct 1 2017	17:19:19.8	9.65	-73.34	Sup	2.0	0.6	132	16	BECERRIL (CESAR)
4287	Oct 1 2017	17:40: 9.4	0.49	-76.18	Sup	1.8	0.5	186	11	PUERTO ASIS (PUTUMAYO)
4288	Oct 1 2017	17:45:40.0	4.80	-74.81	22	1.6	0.7	89	15	AMBALEMA (TOLIMA)
4289	Oct 1 2017	18:06:40.3	6.76	-73.13	145	2.1	0.4	104	30	LOS SANTOS (SANTANDER)
4290	Oct 1 2017	18:10:20.4	6.53	-73.50	110	2.0	0.6	100	14	EL CARMEN (SANTANDER)
4291	Oct 1 2017	19:31:55.5	4.78	-74.79	Sup	2.1	0.8	64	33	AMBALEMA (TOLIMA)
4292	Oct 1 2017	19:33:13.0	4.77	-74.76	6	1.4	0.4	195	13	AMBALEMA (TOLIMA)
4293	Oct 1 2017	20:23:27.9	6.39	-73.57	118	2.8	0.7	92	38	SANTA HELENA DEL OPOON (SANTANDER)
4294	Oct 1 2017	20:57:42.1	4.81	-74.72	32	1.1	0.2	199	8	BELTRAN (CUNDINAMARCA)
4295	Oct 2 2017	00:31:27.5	3.54	-74.28	Sup	2.3	0.7	48	54	LEJANIAS (META)
4296	Oct 2 2017	00:45:13.4	7.58	-73.27	129	1.9	0.4	113	14	LA ESPERANZA (N.SANTANDER)
4297	Oct 2 2017	01:28:47.0	2.05	-76.06	Sup	1.6	0.4	87	21	SALADOBLANCO (HUILA)
4298	Oct 2 2017	03:38:22.1	5.02	-74.77	18	1.1	0.7	122	13	ARMERO (TOLIMA)
4299	Oct 2 2017	03:50:59.0	6.81	-73.11	153	1.4	0.3	247	12	LOS SANTOS (SANTANDER)
4300	Oct 2 2017	04:10:56.2	4.78	-74.81	Sup	1.9	0.6	58	41	AMBALEMA (TOLIMA)
4301	Oct 2 2017	04:13:11.9	4.81	-74.81	32	0.9	0.4	209	8	AMBALEMA (TOLIMA)
4302	Oct 2 2017	04:14: 9.0	4.78	-74.76	Sup	1.1	0.3	216	9	AMBALEMA (TOLIMA)
4303	Oct 2 2017	04:24: 4.6	5.18	-74.80	Sup	2.2	0.7	50	47	HONDA (TOLIMA)
4304	Oct 2 2017	04:46:15.1	4.78	-74.80	Sup	1.7	0.6	63	38	AMBALEMA (TOLIMA)
4305	Oct 2 2017	04:57:17.7	6.80	-73.34	117	1.6	0.3	115	10	ZAPATOCA (SANTANDER)
4306	Oct 2 2017	05:00:55.1	5.49	-74.51	Sup	2.2	0.7	64	37	PUERTO SALGAR (CUNDINAMARCA)
4307	Oct 2 2017	06:08:25.6	7.02	-74.17	30	1.4	0.2	133	7	YONDO (ANTIOQUIA)
4308	Oct 2 2017	07:09: 7.9	1.90	-79.10	35	2.3	0.7	253	23	O. PACIFICO SUR
4309	Oct 2 2017	07:23:56.3	1.93	-79.21	23	2.5	0.9	239	38	O. PACIFICO SUR
4310	Oct 2 2017	08:00:48.3	2.02	-79.27	24	1.6	0.4	286	8	O. PACIFICO SUR
4311	Oct 2 2017	08:08:31.5	6.82	-73.12	139	2.0	0.5	67	35	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4312	Oct 2 2017	08:46: 9.6	6.80	-73.16	130	1.6	0.4	133	14	LOS SANTOS (SANTANDER)
4313	Oct 2 2017	09:07: 3.9	4.82	-74.75	53	0.5	0.1	196	8	BELTRAN (CUNDINAMARCA)
4314	Oct 2 2017	09:18:55.8	6.78	-73.16	144	1.6	0.3	110	20	LOS SANTOS (SANTANDER)
4315	Oct 2 2017	09:44:41.9	1.98	-79.21	23	1.4	0.5	259	10	O. PACIFICO SUR
4316	Oct 2 2017	09:58:21.5	2.10	-75.64	21	1.0	0.1	117	8	GARZON (HUILA)
4317	Oct 2 2017	10:06:41.9	3.64	-76.73	47	2.1	0.6	55	41	DAGUA (VALLE)
4318	Oct 2 2017	10:37:17.9	4.42	-76.10	59	0.9	0.4	132	11	ZARZAL (VALLE)
4319	Oct 2 2017	10:44:49.9	6.84	-73.19	131	1.4	0.4	128	16	ZAPATOCA (SANTANDER)
4320	Oct 2 2017	11:06: 7.1	5.25	-73.74	141	1.3	0.5	77	13	CUCUNUBA (CUNDINAMARCA)
4321	Oct 2 2017	12:09: 7.7	2.69	-75.05	Sup	1.4	0.2	199	10	RIVERA (HUILA)
4322	Oct 2 2017	12:19:18.5	6.86	-73.13	150	2.5	0.7	66	46	LOS SANTOS (SANTANDER)
4323	Oct 2 2017	12:42:51.3	6.82	-73.15	138	1.4	0.3	134	11	LOS SANTOS (SANTANDER)
4324	Oct 2 2017	13:15:29.1	6.84	-73.19	140	1.2	0.3	172	8	ZAPATOCA (SANTANDER)
4325	Oct 2 2017	14:25:19.7	4.78	-74.76	Sup	0.8	0.5	194	9	AMBALEMA (TOLIMA)
4326	Oct 2 2017	15:04:24.1	5.27	-73.72	149	3.2	0.6	55	62	LENGUAZAQUE (CUNDINAMARCA)
4327	Oct 2 2017	16:09:42.5	6.65	-74.08	Sup	1.3	0.6	106	12	PUERTO PARRA (SANTANDER)
4328	Oct 2 2017	16:16:20.9	6.75	-73.12	138	2.1	0.5	116	24	LOS SANTOS (SANTANDER)
4329	Oct 2 2017	16:42:43.1	6.82	-73.23	143	1.6	0.4	114	14	ZAPATOCA (SANTANDER)
4330	Oct 2 2017	17:07:34.6	6.82	-73.17	142	2.2	0.4	110	21	LOS SANTOS (SANTANDER)
4331	Oct 2 2017	18:32:35.6	6.78	-73.13	141	1.9	0.3	114	19	LOS SANTOS (SANTANDER)
4332	Oct 2 2017	18:38:39.7	11.87	-73.62	15	2.0	0.4	236	8	MAR CARIBE
4333	Oct 2 2017	19:31:22.5	11.08	-73.50	27	1.5	0.4	151	10	PUEBLO BELLO (CESAR)
4334	Oct 2 2017	19:49:48.1	1.83	-79.26	12	2.4	0.6	241	28	O. PACIFICO SUR
4335	Oct 2 2017	20:53:20.0	6.76	-73.06	142	1.6	0.5	149	10	LOS SANTOS (SANTANDER)
4336	Oct 2 2017	21:03:48.2	6.81	-73.20	141	1.4	0.1	229	7	ZAPATOCA (SANTANDER)
4337	Oct 2 2017	21:55: 6.2	6.79	-73.13	151	2.2	0.5	121	22	LOS SANTOS (SANTANDER)
4338	Oct 2 2017	22:26:25.2	4.63	-76.00	56	1.0	0.6	107	14	OBANDO (VALLE)
4339	Oct 2 2017	23:36:47.0	10.27	-72.98	118	1.6	0.4	174	10	MANAURE BALCON CESAR (CESAR)
4340	Oct 3 2017	00:15:49.0	6.80	-73.18	136	1.9	0.4	110	22	ZAPATOCA (SANTANDER)
4341	Oct 3 2017	01:55:24.6	6.79	-73.12	131	1.7	0.4	114	19	LOS SANTOS (SANTANDER)
4342	Oct 3 2017	01:55:27.1	3.61	-77.44	Sup	1.5	0.5	202	16	O. PACIFICO SUR
4343	Oct 3 2017	02:14: 5.7	5.75	-74.35	71	1.9	0.4	94	29	OTANCHE (BOYACA)
4344	Oct 3 2017	03:20:34.2	1.90	-76.02	Sup	1.7	0.6	94	18	PITALITO (HUILA)
4345	Oct 3 2017	03:23:45.1	6.87	-73.09	134	1.3	0.4	250	12	LOS SANTOS (SANTANDER)
4346	Oct 3 2017	03:53:21.8	7.48	-73.18	131	2.9	0.7	56	68	EL PLAYON (SANTANDER)
4347	Oct 3 2017	05:08:30.4	6.85	-73.15	146	2.6	0.7	64	53	LOS SANTOS (SANTANDER)
4348	Oct 3 2017	05:51:36.6	6.65	-74.06	Sup	2.0	0.7	107	25	PUERTO PARRA (SANTANDER)
4349	Oct 3 2017	06:09:32.2	5.35	-72.88	Sup	1.1	0.2	243	7	CHAMEZA (CASANARE)
4350	Oct 3 2017	06:22:14.5	3.73	-76.26	21	0.8	0.3	125	8	GINEBRA (VALLE)
4351	Oct 3 2017	06:29:13.6	6.83	-73.16	145	2.5	0.7	64	49	LOS SANTOS (SANTANDER)
4352	Oct 3 2017	06:30:52.2	7.12	-76.23	14	1.9	0.4	171	7	DABEIBA (ANTIOQUIA)
4353	Oct 3 2017	07:20: 1.4	6.82	-73.18	130	1.2	0.3	242	10	ZAPATOCA (SANTANDER)
4354	Oct 3 2017	07:34:51.3	4.46	-76.35	19	1.4	0.4	175	7	EL DOVIO (VALLE)
4355	Oct 3 2017	07:45:48.5	3.81	-76.21	129	0.9	0.2	133	8	GINEBRA (VALLE)
4356	Oct 3 2017	08:47:26.5	2.02	-76.06	Sup	1.2	0.6	101	13	SALADOBLANCO (HUILA)
4357	Oct 3 2017	09:22:22.8	5.72	-73.93	108	1.0	0.3	166	8	TUNUNGUA (BOYACA)
4358	Oct 3 2017	09:47:16.8	6.80	-73.10	148	1.9	0.5	115	25	LOS SANTOS (SANTANDER)
4359	Oct 3 2017	10:03: 5.0	1.79	-79.19	20	1.5	0.6	269	12	O. PACIFICO SUR
4360	Oct 3 2017	10:38: 0.6	4.18	-73.83	Sup	1.0	0.7	129	9	GUAYABETAL (CUNDINAMARCA)
4361	Oct 3 2017	11:01:49.4	5.95	-74.11	85	1.1	0.3	146	9	LA BELLEZA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4362	Oct 3 2017	11:26:57.5	1.98	-79.18	26	1.8	0.5	282	9	O. PACIFICO SUR
4363	Oct 3 2017	11:27:28.4	6.84	-73.44	Sup	1.7	0.4	121	17	SAN VICENTE DE CHUCURI (SANTANDER)
4364	Oct 3 2017	11:31:34.2	6.78	-73.12	135	1.3	0.3	140	7	LOS SANTOS (SANTANDER)
4365	Oct 3 2017	11:54:10.5	6.74	-73.15	149	1.4	0.1	162	6	LOS SANTOS (SANTANDER)
4366	Oct 3 2017	12:40: 5.7	6.80	-73.15	142	1.6	0.4	136	13	LOS SANTOS (SANTANDER)
4367	Oct 3 2017	12:55:43.4	4.49	-73.82	Sup	2.2	0.8	61	41	FOMEQUE (CUNDINAMARCA)
4368	Oct 3 2017	13:38: 3.0	6.79	-73.14	142	2.0	0.5	112	19	LOS SANTOS (SANTANDER)
4369	Oct 3 2017	14:08:10.1	6.79	-73.11	135	1.7	0.3	141	12	LOS SANTOS (SANTANDER)
4370	Oct 3 2017	15:10:55.2	3.91	-76.36	128	1.4	0.1	171	9	YOTOCO (VALLE)
4371	Oct 3 2017	15:20:10.0	6.77	-73.12	141	1.9	0.5	114	18	LOS SANTOS (SANTANDER)
4372	Oct 3 2017	15:52: 2.1	11.68	-71.01	69	2.7	0.5	261	13	MAR CARIBE
4373	Oct 3 2017	17:25:37.0	11.48	-71.31	10	3.6	2.5	237	53	MAR CARIBE
4374	Oct 3 2017	18:02:50.0	11.13	-72.81	Sup	2.1	0.8	157	12	MANAURE BALCON CESAR (CESAR)
4375	Oct 3 2017	18:35:43.1	6.75	-73.09	150	1.4	0.4	246	8	LOS SANTOS (SANTANDER)
4376	Oct 3 2017	19:23: 2.5	7.48	-73.17	127	1.9	0.4	197	15	EL PLAYON (SANTANDER)
4377	Oct 3 2017	19:57:56.2	6.64	-74.08	Sup	2.0	0.5	106	19	PUERTO PARRA (SANTANDER)
4378	Oct 3 2017	20:04:10.9	5.39	-73.78	135	1.8	0.4	86	26	FUQUENE (CUNDINAMARCA)
4379	Oct 3 2017	20:35:23.7	8.04	-73.66	32	1.7	0.1	241	7	SAN MARTIN (CESAR)
4380	Oct 3 2017	20:53: 4.9	5.76	-73.94	56	1.0	0.2	145	6	ALBANIA (SANTANDER)
4381	Oct 3 2017	21:50:57.0	6.74	-73.05	140	1.2	0.3	152	7	JORDAN (SANTANDER)
4382	Oct 3 2017	22:48: 9.0	5.85	-74.91	Sup	1.4	0.8	146	16	SAN LUIS (ANTIOQUIA)
4383	Oct 3 2017	22:58:39.3	10.59	-73.57	18	1.6	0.5	151	9	PUEBLO BELLO (CESAR)
4384	Oct 3 2017	23:27: 0.6	6.15	-73.73	107	1.2	0.2	106	7	LANDAZURI (SANTANDER)
4385	Oct 4 2017	02:09: 3.6	6.81	-73.17	139	1.6	0.3	110	12	LOS SANTOS (SANTANDER)
4386	Oct 4 2017	02:23:12.2	6.78	-73.10	142	1.7	0.4	116	15	LOS SANTOS (SANTANDER)
4387	Oct 4 2017	02:49:21.4	6.85	-73.30	114	1.4	0.2	223	7	ZAPATOCA (SANTANDER)
4388	Oct 4 2017	04:00:54.2	6.82	-73.14	144	2.1	0.3	136	24	LOS SANTOS (SANTANDER)
4389	Oct 4 2017	04:23:46.3	10.36	-73.41	86	1.4	0.1	121	14	PUEBLO BELLO (CESAR)
4390	Oct 4 2017	04:34:31.5	8.31	-74.43	19	2.2	0.4	80	25	MONTECRISTO (BOLIVAR)
4391	Oct 4 2017	05:01:13.9	6.82	-73.16	141	1.2	0.3	184	8	LOS SANTOS (SANTANDER)
4392	Oct 4 2017	05:12:13.0	6.81	-73.14	143	1.2	0.2	136	8	LOS SANTOS (SANTANDER)
4393	Oct 4 2017	05:25:45.7	4.40	-77.79	50	1.6	0.3	295	8	O. PACIFICO CENTRO
4394	Oct 4 2017	05:32:23.8	6.79	-73.14	137	1.8	0.3	112	19	LOS SANTOS (SANTANDER)
4395	Oct 4 2017	05:43: 4.1	5.92	-73.71	123	1.0	0.2	165	8	GUAVATA (SANTANDER)
4396	Oct 4 2017	06:13:58.4	6.82	-73.18	147	1.4	0.3	131	12	ZAPATOCA (SANTANDER)
4397	Oct 4 2017	06:44:21.1	4.36	-76.09	92	1.4	0.3	126	18	ZARZAL (VALLE)
4398	Oct 4 2017	06:47: 5.9	6.81	-73.18	135	1.3	0.2	185	8	ZAPATOCA (SANTANDER)
4399	Oct 4 2017	07:26: 5.5	1.82	-76.26	Sup	1.5	0.3	129	16	SAN AGUSTIN (HUILA)
4400	Oct 4 2017	07:40:10.5	2.37	-75.61	23	1.2	0.5	122	10	GIGANTE (HUILA)
4401	Oct 4 2017	07:56: 6.6	3.98	-75.76	Sup	1.3	0.2	189	8	RONCESVALLES (TOLIMA)
4402	Oct 4 2017	08:21:10.1	9.03	-75.18	68	3.2	0.5	88	40	EL ROBLE (SUCRE)
4403	Oct 4 2017	09:45: 5.8	4.28	-76.48	60	1.4	0.4	223	8	TRUJILLO (VALLE)
4404	Oct 4 2017	09:47:41.2	6.85	-73.17	130	1.4	0.3	244	8	ZAPATOCA (SANTANDER)
4405	Oct 4 2017	09:53:58.1	6.81	-73.16	142	1.6	0.3	243	14	LOS SANTOS (SANTANDER)
4406	Oct 4 2017	10:40:20.5	8.35	-77.01	69	1.9	0.6	132	8	MAR CARIBE
4407	Oct 4 2017	10:52:25.4	6.84	-73.02	144	1.3	0.2	254	7	CEPITA (SANTANDER)
4408	Oct 4 2017	12:05:59.2	6.76	-73.05	147	1.3	0.2	155	8	LOS SANTOS (SANTANDER)
4409	Oct 4 2017	12:43:23.4	5.93	-73.77	110	1.7	0.4	85	18	SUCRE (SANTANDER)
4410	Oct 4 2017	13:31:44.7	6.82	-73.11	150	2.0	0.5	140	18	LOS SANTOS (SANTANDER)
4411	Oct 4 2017	15:29:45.7	2.31	-77.88	80	1.7	0.4	184	15	SANTA BARBARA (NARINO)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4412	Oct 4 2017	15:39:46.7	3.58	-74.40	Sup	1.3	0.6	172	16	URIBE (META)
4413	Oct 4 2017	16:15:27.8	6.74	-73.14	143	1.4	0.4	242	10	LOS SANTOS (SANTANDER)
4414	Oct 4 2017	16:56:27.7	3.96	-76.09	108	1.9	0.5	73	25	SAN PEDRO (VALLE)
4415	Oct 4 2017	17:12:59.0	5.74	-76.06	Sup	2.2	0.9	159	36	BETANIA (ANTIOQUIA)
4416	Oct 4 2017	17:29: 7.1	7.32	-75.60	Sup	2.2	0.8	69	26	BRICENO (ANTIOQUIA)
4417	Oct 4 2017	18:09:27.2	5.62	-74.06	101	1.5	0.3	133	11	SAN PABLO DE BORBUR (BOYACA)
4418	Oct 4 2017	18:25:13.0	2.41	-77.03	123	1.4	0.3	176	10	EL TAMBO (CAUCA)
4419	Oct 4 2017	19:11:18.1	7.83	-73.93	Sup	1.7	0.4	222	10	SIMITI (BOLIVAR)
4420	Oct 4 2017	20:00:36.6	7.50	-74.08	32	1.4	0.2	187	9	SAN PABLO (BOLIVAR)
4421	Oct 4 2017	20:28: 0.7	3.48	-77.39	58	2.6	0.6	124	57	O. PACIFICO SUR
4422	Oct 4 2017	21:20:16.7	6.79	-73.12	141	2.1	0.5	67	28	LOS SANTOS (SANTANDER)
4423	Oct 4 2017	21:28:19.7	6.45	-73.22	140	2.4	0.4	60	39	SOCORRO (SANTANDER)
4424	Oct 4 2017	22:03:40.9	6.70	-74.05	11	1.0	0.0	185	5	PUERTO PARRA (SANTANDER)
4425	Oct 4 2017	22:34:14.0	2.18	-75.55	26	0.7	0.4	123	7	GARZON (HUILA)
4426	Oct 4 2017	22:37: 2.1	6.83	-73.16	148	1.4	0.4	133	11	LOS SANTOS (SANTANDER)
4427	Oct 4 2017	23:02:20.8	6.79	-73.25	134	1.4	0.3	125	7	ZAPATOCA (SANTANDER)
4428	Oct 4 2017	23:08:49.5	9.90	-72.85	Sup	1.1	0.2	222	8	FRONTERA CON VENEZUELA
4429	Oct 4 2017	23:55:44.8	6.35	-73.56	45	1.2	0.1	96	8	SANTA HELENA DEL OPO (SANTANDER)
4430	Oct 5 2017	01:04:59.3	6.41	-73.75	99	1.4	0.5	94	14	SANTA HELENA DEL OPO (SANTANDER)
4431	Oct 5 2017	02:33: 9.5	6.83	-73.14	145	1.4	0.2	302	7	LOS SANTOS (SANTANDER)
4432	Oct 5 2017	03:15: 3.0	6.77	-73.13	141	1.7	0.3	104	16	LOS SANTOS (SANTANDER)
4433	Oct 5 2017	03:16:57.8	6.79	-73.13	148	1.5	0.4	164	14	LOS SANTOS (SANTANDER)
4434	Oct 5 2017	03:35:38.2	6.73	-72.97	142	1.3	0.5	163	10	CEPITA (SANTANDER)
4435	Oct 5 2017	03:50:10.9	5.81	-73.69	123	1.1	0.3	136	10	PUENTE NACIONAL (SANTANDER)
4436	Oct 5 2017	04:06: 9.8	2.11	-76.13	Sup	1.2	0.7	97	22	SALADOBLANCO (HUILA)
4437	Oct 5 2017	05:11:47.0	5.57	-73.92	109	0.9	0.3	187	10	BUENAVISTA (BOYACA)
4438	Oct 5 2017	06:06:51.2	6.79	-73.19	145	1.1	0.3	184	8	ZAPATOCA (SANTANDER)
4439	Oct 5 2017	06:11:58.6	6.82	-73.14	145	2.5	0.6	66	48	LOS SANTOS (SANTANDER)
4440	Oct 5 2017	06:12: 7.6	1.86	-76.05	Sup	0.7	0.3	119	12	PITALITO (HUILA)
4441	Oct 5 2017	06:17:38.5	5.31	-73.76	157	1.6	0.5	128	18	LENGUAZAQUE (CUNDINAMARCA)
4442	Oct 5 2017	06:54: 9.6	6.81	-73.14	143	2.0	0.3	136	23	LOS SANTOS (SANTANDER)
4443	Oct 5 2017	07:12:14.5	6.75	-73.11	149	1.2	0.4	143	12	LOS SANTOS (SANTANDER)
4444	Oct 5 2017	08:08: 2.0	6.84	-73.30	120	1.3	0.4	118	10	ZAPATOCA (SANTANDER)
4445	Oct 5 2017	08:13:37.6	1.98	-75.87	Sup	1.0	0.4	99	15	SUAZA (HUILA)
4446	Oct 5 2017	08:48: 6.8	2.64	-75.06	Sup	1.4	0.4	103	16	RIVERA (HUILA)
4447	Oct 5 2017	08:53:28.6	6.78	-73.12	142	1.1	0.4	140	11	LOS SANTOS (SANTANDER)
4448	Oct 5 2017	09:22:15.1	6.83	-73.11	142	1.8	0.5	138	22	LOS SANTOS (SANTANDER)
4449	Oct 5 2017	09:25:59.4	7.68	-73.72	11	2.3	0.8	95	30	SAN PABLO (BOLIVAR)
4450	Oct 5 2017	09:49:40.3	5.08	-74.68	19	1.1	0.4	145	12	GUADUAS (CUNDINAMARCA)
4451	Oct 5 2017	09:58:39.8	6.86	-73.12	151	3.8	1.0	57	93	LOS SANTOS (SANTANDER)
4452	Oct 5 2017	10:16:14.7	6.74	-73.04	142	1.3	0.2	152	8	JORDAN (SANTANDER)
4453	Oct 5 2017	11:04: 6.1	5.59	-73.85	128	1.4	0.3	104	14	CALDAS (BOYACA)
4454	Oct 5 2017	11:37:16.3	6.81	-73.17	144	1.4	0.2	133	7	LOS SANTOS (SANTANDER)
4455	Oct 5 2017	12:25: 1.6	6.82	-73.15	143	2.2	0.5	110	34	LOS SANTOS (SANTANDER)
4456	Oct 5 2017	14:32: 3.4	6.83	-73.02	134	1.3	0.3	151	7	CEPITA (SANTANDER)
4457	Oct 5 2017	15:01:54.0	6.82	-73.14	148	3.8	0.7	55	82	LOS SANTOS (SANTANDER)
4458	Oct 5 2017	16:09:38.3	6.79	-73.11	142	1.7	0.5	140	18	LOS SANTOS (SANTANDER)
4459	Oct 5 2017	19:20:47.5	6.79	-73.14	145	1.7	0.1	136	13	LOS SANTOS (SANTANDER)
4460	Oct 5 2017	20:02: 0.6	3.67	-74.39	Sup	1.2	0.6	217	15	CABRERA (CUNDINAMARCA)
4461	Oct 5 2017	20:05:39.8	6.81	-73.16	134	1.8	0.5	167	11	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4462	Oct 5 2017	20:58:53.9	7.03	-73.50	108	1.5	0.4	141	9	SAN VICENTE DE CHUCURI (SANTANDER)
4463	Oct 5 2017	22:13:16.1	1.91	-76.12	Sup	1.4	0.1	116	7	PITALITO (HUILA)
4464	Oct 5 2017	23:19:6.2	6.80	-73.17	141	1.6	0.5	133	9	LOS SANTOS (SANTANDER)
4465	Oct 5 2017	23:27:26.3	6.77	-73.15	142	1.6	0.5	136	10	LOS SANTOS (SANTANDER)
4466	Oct 6 2017	01:06:6.1	6.18	-75.21	99	1.0	0.1	159	8	PENOL (ANTIOQUIA)
4467	Oct 6 2017	02:49:13.8	6.84	-73.14	143	1.3	0.4	221	13	LOS SANTOS (SANTANDER)
4468	Oct 6 2017	02:49:13.7	6.85	-73.14	142	1.3	0.4	246	11	LOS SANTOS (SANTANDER)
4469	Oct 6 2017	03:09:29.1	6.94	-76.27	Sup	1.1	0.4	250	9	DABEIBA (ANTIOQUIA)
4470	Oct 6 2017	03:19:24.2	6.71	-73.12	142	1.7	0.4	143	20	JORDAN (SANTANDER)
4471	Oct 6 2017	04:09:46.4	4.49	-75.69	Sup	1.6	0.6	80	27	ARMENIA (QUINDIO)
4472	Oct 6 2017	04:42:31.6	7.00	-73.26	120	2.2	0.5	56	34	BETULIA (SANTANDER)
4473	Oct 6 2017	04:43:48.7	6.86	-73.16	144	2.3	0.6	77	38	ZAPATOCA (SANTANDER)
4474	Oct 6 2017	05:34:30.8	3.83	-76.67	26	1.9	0.6	118	28	RESTREPO (VALLE)
4475	Oct 6 2017	05:45:24.6	6.85	-76.20	Sup	1.4	0.7	276	8	URAMITA (ANTIOQUIA)
4476	Oct 6 2017	06:08:22.2	10.59	-72.62	Sup	1.4	0.1	187	8	FRONTERA CON VENEZUELA
4477	Oct 6 2017	06:52:50.7	6.82	-73.08	129	1.3	0.3	249	8	LOS SANTOS (SANTANDER)
4478	Oct 6 2017	07:36:20.7	4.36	-76.33	6	0.9	0.1	170	8	BOLIVAR (VALLE)
4479	Oct 6 2017	07:41:45.1	12.25	-73.20	32	1.4	0.1	252	8	MAR CARIBE
4480	Oct 6 2017	08:40:51.9	4.78	-76.10	61	1.1	0.4	116	12	ARGELIA (VALLE)
4481	Oct 6 2017	09:22:52.4	6.81	-73.16	144	1.9	0.5	110	26	LOS SANTOS (SANTANDER)
4482	Oct 6 2017	09:29:28.7	5.20	-73.78	149	1.2	0.3	247	8	CUCUNUBA (CUNDINAMARCA)
4483	Oct 6 2017	09:36:2.6	5.60	-74.35	75	1.3	0.5	92	16	YACOPI (CUNDINAMARCA)
4484	Oct 6 2017	09:59:57.4	6.65	-74.05	Sup	1.7	0.5	107	16	PUERTO PARRA (SANTANDER)
4485	Oct 6 2017	10:29:54.3	4.95	-77.70	62	1.9	0.2	285	17	O. PACIFICO CENTRO
4486	Oct 6 2017	11:02:47.0	6.79	-73.12	146	1.5	0.4	140	12	LOS SANTOS (SANTANDER)
4487	Oct 6 2017	11:30:41.8	6.79	-73.15	141	1.7	0.4	135	16	LOS SANTOS (SANTANDER)
4488	Oct 6 2017	11:54:1.4	6.84	-73.14	149	2.6	0.6	111	37	LOS SANTOS (SANTANDER)
4489	Oct 6 2017	12:06:0.9	3.78	-76.92	Sup	1.4	0.4	131	12	BUENAVENTURA (VALLE)
4490	Oct 6 2017	14:38:38.1	6.85	-73.08	140	1.6	0.3	142	11	LOS SANTOS (SANTANDER)
4491	Oct 6 2017	15:01:54.1	6.87	-73.08	151	2.7	0.6	115	41	PIEDRECUESTA (SANTANDER)
4492	Oct 6 2017	15:04:29.3	3.80	-76.91	Sup	1.7	0.7	128	13	BUENAVENTURA (VALLE)
4493	Oct 6 2017	15:37:53.6	7.65	-73.88	80	2.1	0.3	135	15	SAN PABLO (BOLIVAR)
4494	Oct 6 2017	17:15:5.5	7.84	-74.23	24	1.8	0.4	202	11	SANTA ROSA DEL SUR (BOLIVAR)
4495	Oct 6 2017	17:40:57.1	6.78	-73.11	146	1.8	0.2	141	14	LOS SANTOS (SANTANDER)
4496	Oct 6 2017	18:11:14.5	6.82	-73.14	145	2.1	0.5	74	28	LOS SANTOS (SANTANDER)
4497	Oct 6 2017	18:49:20.3	5.38	-73.85	129	1.2	0.3	177	8	FUQUENE (CUNDINAMARCA)
4498	Oct 6 2017	21:07:25.3	6.95	-76.14	Sup	2.3	0.8	151	13	URAMITA (ANTIOQUIA)
4499	Oct 6 2017	21:07:32.4	6.81	-73.15	138	2.4	0.4	135	15	LOS SANTOS (SANTANDER)
4500	Oct 6 2017	21:27:51.0	2.03	-76.07	Sup	1.6	0.5	101	18	SALADOBLANCO (HUILA)
4501	Oct 6 2017	21:42:42.7	6.81	-73.11	140	1.4	0.5	140	9	LOS SANTOS (SANTANDER)
4502	Oct 6 2017	22:25:0.4	4.62	-75.00	Sup	1.0	0.2	203	13	ALVARADO (TOLIMA)
4503	Oct 6 2017	23:12:44.5	6.95	-72.96	139	1.3	0.4	151	7	SANTA BARBARA (SANTANDER)
4504	Oct 6 2017	23:14:56.4	6.85	-76.18	Sup	1.8	0.7	275	8	URAMITA (ANTIOQUIA)
4505	Oct 7 2017	00:58:55.6	5.52	-74.26	90	1.3	0.2	106	14	LA VICTORIA (BOYACA)
4506	Oct 7 2017	01:33:39.6	4.79	-76.18	104	1.3	0.3	120	10	EL CAIRO (VALLE)
4507	Oct 7 2017	01:48:49.7	7.09	-76.16	Sup	1.5	0.6	122	11	DABEIBA (ANTIOQUIA)
4508	Oct 7 2017	02:08:19.0	6.80	-73.14	139	2.0	0.6	73	26	LOS SANTOS (SANTANDER)
4509	Oct 7 2017	02:13:41.4	6.90	-73.08	146	1.6	0.5	190	20	PIEDRECUESTA (SANTANDER)
4510	Oct 7 2017	02:25:27.6	2.07	-75.68	Sup	1.8	0.6	88	28	GUADALUPE (HUILA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4511	Oct 7 2017	02:42:56.9	10.49	-72.13	13	1.6	0.3	252	8	FRONTERA CON VENEZUELA
4512	Oct 7 2017	02:57:39.5	6.84	-73.07	138	1.7	0.4	215	13	LOS SANTOS (SANTANDER)
4513	Oct 7 2017	03:22:57.3	2.45	-75.51	25	1.0	0.5	225	8	GIGANTE (HUILA)
4514	Oct 7 2017	03:27: 2.6	7.06	-75.17	14	2.3	0.6	82	23	ANORI (ANTIOQUIA)
4515	Oct 7 2017	03:44:36.4	6.85	-73.11	145	1.6	0.3	187	18	LOS SANTOS (SANTANDER)
4516	Oct 7 2017	04:12:34.7	6.84	-73.15	140	1.5	0.5	221	17	LOS SANTOS (SANTANDER)
4517	Oct 7 2017	04:51:49.0	3.74	-71.44	Sup	2.1	0.4	255	12	PUERTO GAITAN (META)
4518	Oct 7 2017	04:56:31.4	11.23	-74.26	15	1.0	0.5	224	10	MAR CARIBE
4519	Oct 7 2017	05:10:41.3	6.72	-73.11	148	1.1	0.3	244	7	JORDAN (SANTANDER)
4520	Oct 7 2017	05:59: 8.9	11.15	-73.61	10	1.3	0.1	160	8	PUEBLO BELLO (CESAR)
4521	Oct 7 2017	06:24:21.7	6.84	-73.13	142	2.2	0.6	111	34	LOS SANTOS (SANTANDER)
4522	Oct 7 2017	06:39:37.4	1.93	-76.12	21	0.8	0.2	148	8	PITALITO (HUILA)
4523	Oct 7 2017	06:42:48.2	6.34	-73.57	108	1.5	0.4	106	16	SANTA HELENA DEL OPON (SANTANDER)
4524	Oct 7 2017	06:45:59.4	5.05	-72.98	Sup	1.4	0.5	82	16	PAEZ (BOYACA)
4525	Oct 7 2017	06:59:17.5	6.81	-73.13	143	1.2	0.3	245	8	LOS SANTOS (SANTANDER)
4526	Oct 7 2017	08:59:39.1	1.82	-76.24	Sup	0.8	0.4	169	10	SAN AGUSTIN (HUILA)
4527	Oct 7 2017	09:10:39.8	6.85	-73.13	142	2.4	0.7	65	50	LOS SANTOS (SANTANDER)
4528	Oct 7 2017	09:42:13.3	6.85	-73.17	142	2.1	0.5	93	27	ZAPATOCA (SANTANDER)
4529	Oct 7 2017	09:47:19.2	6.81	-73.20	129	1.5	0.4	182	18	ZAPATOCA (SANTANDER)
4530	Oct 7 2017	10:47:54.1	6.80	-73.12	140	2.4	0.5	72	38	LOS SANTOS (SANTANDER)
4531	Oct 7 2017	11:13:28.6	6.85	-73.09	148	1.6	0.3	250	10	LOS SANTOS (SANTANDER)
4532	Oct 7 2017	11:13:58.9	6.86	-76.15	Sup	1.8	0.4	274	7	URAMITA (ANTIOQUIA)
4533	Oct 7 2017	11:57:26.2	9.74	-75.51	27	2.6	0.8	178	24	SAN ONOFRE (SUCRE)
4534	Oct 7 2017	13:24:41.1	2.01	-75.93	Sup	1.2	0.5	158	9	ELIAS (HUILA)
4535	Oct 7 2017	13:53:27.6	6.78	-73.15	138	2.0	0.5	112	21	LOS SANTOS (SANTANDER)
4536	Oct 7 2017	13:58:50.3	6.78	-73.12	149	1.8	0.4	245	16	LOS SANTOS (SANTANDER)
4537	Oct 7 2017	14:35:19.6	6.78	-73.00	152	1.6	0.4	156	9	CEPITA (SANTANDER)
4538	Oct 7 2017	15:09:41.5	6.03	-75.82	Sup	1.8	0.6	136	16	TITIRIBI (ANTIOQUIA)
4539	Oct 7 2017	17:35:58.3	7.09	-73.92	93	2.2	0.4	146	20	BARRANCABERMEJA (SANTANDER)
4540	Oct 7 2017	18:04:50.6	6.49	-73.70	102	1.6	0.3	129	12	SANTA HELENA DEL OPON (SANTANDER)
4541	Oct 7 2017	18:07:48.6	6.77	-73.11	146	1.7	0.2	245	11	LOS SANTOS (SANTANDER)
4542	Oct 7 2017	19:33:12.4	7.32	-73.74	11	1.0	0.4	170	8	PUERTO WILCHES (SANTANDER)
4543	Oct 7 2017	19:51:55.7	3.72	-71.40	Sup	1.8	0.4	310	9	PUERTO GAITAN (META)
4544	Oct 7 2017	19:53:51.2	6.78	-73.08	141	1.3	0.3	159	7	LOS SANTOS (SANTANDER)
4545	Oct 7 2017	20:19:58.7	6.08	-73.67	119	1.6	0.4	78	17	CHIPATA (SANTANDER)
4546	Oct 7 2017	21:22:51.8	2.51	-75.35	20	1.8	0.5	94	19	ALGECIRAS (HUILA)
4547	Oct 7 2017	22:09:45.9	5.80	-75.93	21	2.2	0.4	146	34	HISPANIA (ANTIOQUIA)
4548	Oct 7 2017	23:30:26.5	6.39	-73.92	9	0.9	0.4	197	7	CIMITARRA (SANTANDER)
4549	Oct 7 2017	23:32:60.0	5.53	-75.38	Sup	1.2	0.1	257	9	PACORA (CALDAS)
4550	Oct 7 2017	23:57:58.6	7.17	-73.06	147	1.8	0.3	116	15	BUCARAMANGA (SANTANDER)
4551	Oct 8 2017	00:01: 0.1	5.28	-72.58	Sup	1.7	0.6	96	26	AGUAZUL (CASANARE)
4552	Oct 8 2017	00:39:24.2	6.78	-73.13	141	1.2	0.4	138	8	LOS SANTOS (SANTANDER)
4553	Oct 8 2017	00:48:54.7	6.84	-73.17	149	1.4	0.3	170	12	ZAPATOCA (SANTANDER)
4554	Oct 8 2017	01:32:20.7	2.36	-75.74	18	0.9	0.7	144	8	PAICOL (HUILA)
4555	Oct 8 2017	01:42:18.6	2.83	-78.12	Sup	1.7	0.6	192	18	O. PACIFICO SUR
4556	Oct 8 2017	01:49: 2.6	4.66	-76.21	106	1.1	0.3	155	7	VERSALLES (VALLE)
4557	Oct 8 2017	01:53:29.3	6.87	-73.15	137	1.3	0.3	246	8	ZAPATOCA (SANTANDER)
4558	Oct 8 2017	02:37:59.4	2.95	-79.40	32	2.3	0.5	251	21	O. PACIFICO SUR
4559	Oct 8 2017	02:54:49.4	5.38	-74.86	52	0.7	0.2	129	7	VICTORIA (CALDAS)
4560	Oct 8 2017	03:00:23.3	6.77	-73.09	146	1.1	0.4	304	9	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4561	Oct 8 2017	03:12:42.1	4.92	-76.30	110	0.8	0.3	249	7	SAN JOSE DEL PALMAR (CHOCO)
4562	Oct 8 2017	04:02: 0.3	6.96	-71.91	Sup	1.2	0.5	231	13	SARAVENA (ARAUCA)
4563	Oct 8 2017	04:12:39.3	6.79	-73.12	136	1.6	0.5	114	21	LOS SANTOS (SANTANDER)
4564	Oct 8 2017	04:23:47.3	6.38	-72.02	Sup	1.3	0.6	122	10	TAME (ARAUCA)
4565	Oct 8 2017	04:43:20.2	5.30	-73.73	154	2.1	0.7	92	32	LENGUAZAQUE (CUNDINAMARCA)
4566	Oct 8 2017	05:46:13.0	6.69	-76.96	46	1.9	0.2	79	18	VIGIA DEL FUERTE (ANTIOQUIA)
4567	Oct 8 2017	05:49: 0.9	4.24	-78.84	36	2.0	0.3	282	21	O. PACIFICO CENTRO
4568	Oct 8 2017	06:01:32.6	6.82	-73.14	144	1.4	0.5	166	15	LOS SANTOS (SANTANDER)
4569	Oct 8 2017	06:04:12.7	6.78	-73.07	144	1.1	0.5	249	10	LOS SANTOS (SANTANDER)
4570	Oct 8 2017	06:21:40.4	6.80	-73.00	140	1.1	0.3	167	8	CEPITA (SANTANDER)
4571	Oct 8 2017	06:29:48.9	6.81	-73.06	141	1.4	0.5	159	15	LOS SANTOS (SANTANDER)
4572	Oct 8 2017	06:45:41.4	6.91	-73.25	123	1.2	0.2	123	8	BETULIA (SANTANDER)
4573	Oct 8 2017	07:03:38.5	6.79	-73.14	142	1.3	0.4	113	16	LOS SANTOS (SANTANDER)
4574	Oct 8 2017	07:09:31.9	4.15	-76.57	65	1.0	0.3	195	8	CALIMA (VALLE)
4575	Oct 8 2017	07:32:46.6	12.11	-71.74	Sup	2.2	0.3	345	8	URIBIA (LA GUAJIRA)
4576	Oct 8 2017	07:39: 2.9	6.82	-73.14	142	1.9	0.5	111	27	LOS SANTOS (SANTANDER)
4577	Oct 8 2017	07:50:43.1	6.82	-73.09	146	1.2	0.1	249	12	LOS SANTOS (SANTANDER)
4578	Oct 8 2017	08:03:55.4	6.74	-73.13	144	1.4	0.4	140	10	LOS SANTOS (SANTANDER)
4579	Oct 8 2017	08:14:37.2	6.80	-73.10	135	1.2	0.5	141	17	LOS SANTOS (SANTANDER)
4580	Oct 8 2017	08:30:56.3	9.64	-73.62	16	1.2	0.7	203	12	EL PASO (CESAR)
4581	Oct 8 2017	08:39:17.7	6.82	-73.15	150	3.0	0.7	55	70	LOS SANTOS (SANTANDER)
4582	Oct 8 2017	08:44:54.3	7.02	-73.49	102	2.0	0.6	76	30	SAN VICENTE DE CHUCURI (SANTANDER)
4583	Oct 8 2017	09:28:10.3	6.84	-73.13	140	1.1	0.4	135	13	LOS SANTOS (SANTANDER)
4584	Oct 8 2017	09:39:50.9	7.62	-77.24	18	1.9	0.6	94	17	RIOSUCIO (CHOCO)
4585	Oct 8 2017	10:39:33.1	5.73	-73.97	103	1.5	0.5	74	25	TUNUNGUA (BOYACA)
4586	Oct 8 2017	12:47:49.2	3.57	-74.48	Sup	1.7	0.7	135	28	URIBE (META)
4587	Oct 8 2017	12:56:25.2	6.80	-73.14	144	1.6	0.3	137	12	LOS SANTOS (SANTANDER)
4588	Oct 8 2017	13:19:13.5	3.89	-76.34	119	1.4	0.3	264	8	BUGA (VALLE)
4589	Oct 8 2017	14:13:43.4	2.36	-75.68	Sup	1.4	0.4	103	12	PAICOL (HUILA)
4590	Oct 8 2017	15:23:12.1	5.26	-73.70	150	3.0	0.7	49	53	LENGUAZAQUE (CUNDINAMARCA)
4591	Oct 8 2017	15:27:47.6	2.60	-79.70	11	2.1	0.6	276	20	O. PACIFICO SUR
4592	Oct 8 2017	16:15:17.4	3.89	-71.42	Sup	2.6	0.8	243	23	PUERTO GAITAN (META)
4593	Oct 8 2017	16:38:33.0	5.71	-73.84	111	1.3	0.2	97	11	BRICENO (BOYACA)
4594	Oct 8 2017	17:05:47.6	6.51	-73.17	26	1.0	0.2	141	8	PINCHOTE (SANTANDER)
4595	Oct 8 2017	17:30:12.7	4.09	-76.50	70	1.5	0.2	111	9	CALIMA (VALLE)
4596	Oct 8 2017	20:18: 1.5	6.70	-73.48	115	1.1	0.3	146	7	EL CARMEN (SANTANDER)
4597	Oct 8 2017	20:23:35.5	6.73	-73.12	136	1.2	0.2	142	12	JORDAN (SANTANDER)
4598	Oct 8 2017	20:51:40.4	3.94	-73.99	Sup	1.7	0.8	114	31	CUBARRAL (META)
4599	Oct 8 2017	21:14:33.4	6.78	-73.13	144	1.5	0.2	138	9	LOS SANTOS (SANTANDER)
4600	Oct 8 2017	21:29: 4.0	6.82	-73.13	140	1.3	0.3	136	7	LOS SANTOS (SANTANDER)
4601	Oct 8 2017	21:45:53.6	6.78	-73.14	141	1.3	0.4	138	9	LOS SANTOS (SANTANDER)
4602	Oct 8 2017	22:01:23.7	4.44	-76.71	63	1.9	0.6	168	22	SIPI (CHOCO)
4603	Oct 8 2017	22:10:35.6	6.83	-73.11	133	1.4	0.3	139	8	LOS SANTOS (SANTANDER)
4604	Oct 8 2017	23:42:15.7	6.80	-73.16	148	1.4	0.3	134	8	LOS SANTOS (SANTANDER)
4605	Oct 9 2017	01:30:20.8	6.82	-73.15	144	2.0	0.4	111	19	LOS SANTOS (SANTANDER)
4606	Oct 9 2017	01:30:21.1	6.80	-73.11	142	1.9	0.4	115	17	LOS SANTOS (SANTANDER)
4607	Oct 9 2017	03:59:15.8	5.08	-76.76	20	1.9	0.6	178	12	MEDIO SAN JUAN (CHOCO)
4608	Oct 9 2017	04:07:56.7	6.81	-73.21	142	1.5	0.2	188	9	ZAPATOCA (SANTANDER)
4609	Oct 9 2017	06:37:32.2	6.85	-73.19	143	1.6	0.2	189	10	ZAPATOCA (SANTANDER)
4610	Oct 9 2017	07:22:26.5	6.83	-73.13	147	1.2	0.2	182	8	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4611	Oct 9 2017	07:27:37.1	9.66	-74.66	47	1.9	0.2	230	10	ZAMBRANO (BOLIVAR)
4612	Oct 9 2017	08:28:16.1	6.79	-73.13	140	2.0	0.6	113	22	LOS SANTOS (SANTANDER)
4613	Oct 9 2017	11:13:46.1	6.81	-73.15	139	2.4	0.5	109	40	LOS SANTOS (SANTANDER)
4614	Oct 9 2017	12:26:10.3	6.76	-73.10	137	1.1	0.3	144	8	LOS SANTOS (SANTANDER)
4615	Oct 9 2017	13:17:58.5	4.81	-77.34	59	1.9	0.4	174	10	BAJO BAUDO (CHOCO)
4616	Oct 9 2017	13:47:53.6	6.88	-73.19	141	2.0	0.3	118	17	BETULIA (SANTANDER)
4617	Oct 9 2017	15:07:34.5	6.78	-73.13	138	1.4	0.1	139	7	LOS SANTOS (SANTANDER)
4618	Oct 9 2017	15:11:30.0	1.94	-76.01	Sup	1.8	0.4	107	26	SALADOBLANCO (HUILA)
4619	Oct 9 2017	15:49: 6.8	6.77	-73.11	146	1.6	0.3	142	10	LOS SANTOS (SANTANDER)
4620	Oct 9 2017	16:47:42.6	6.80	-73.18	138	1.7	0.4	110	17	ZAPATOCA (SANTANDER)
4621	Oct 9 2017	17:26:19.3	7.50	-73.29	124	1.5	0.2	196	10	EL PLAYON (SANTANDER)
4622	Oct 9 2017	17:34:40.2	4.37	-75.87	156	1.6	0.6	93	19	CAICEDONIA (VALLE)
4623	Oct 9 2017	18:46:31.3	6.79	-73.14	149	1.4	0.4	137	8	LOS SANTOS (SANTANDER)
4624	Oct 9 2017	18:57:24.5	4.35	-76.05	79	2.1	0.5	82	28	ZARZAL (VALLE)
4625	Oct 9 2017	19:04: 6.7	6.82	-73.13	139	1.7	0.3	112	17	LOS SANTOS (SANTANDER)
4626	Oct 9 2017	19:20:16.4	2.31	-75.55	18	1.8	0.6	129	14	GIGANTE (HUILA)
4627	Oct 9 2017	19:24:14.6	6.32	-73.58	111	1.5	0.3	89	12	SANTA HELENA DEL OPOON (SANTANDER)
4628	Oct 9 2017	20:43:43.0	6.80	-73.13	138	1.9	0.5	112	20	LOS SANTOS (SANTANDER)
4629	Oct 9 2017	20:48: 6.2	6.75	-73.12	142	1.7	0.5	142	17	LOS SANTOS (SANTANDER)
4630	Oct 9 2017	20:56:10.7	6.78	-73.06	147	1.5	0.3	147	9	LOS SANTOS (SANTANDER)
4631	Oct 9 2017	21:19:33.6	6.83	-73.15	136	1.0	0.3	168	8	LOS SANTOS (SANTANDER)
4632	Oct 9 2017	21:23:37.7	6.80	-73.12	142	1.4	0.4	163	11	LOS SANTOS (SANTANDER)
4633	Oct 9 2017	21:45:32.5	6.77	-73.08	145	1.6	0.3	159	8	LOS SANTOS (SANTANDER)
4634	Oct 9 2017	21:45:55.6	6.81	-73.25	114	1.5	0.3	174	8	ZAPATOCA (SANTANDER)
4635	Oct 9 2017	21:48:53.0	6.79	-73.08	144	1.7	0.4	145	13	LOS SANTOS (SANTANDER)
4636	Oct 9 2017	21:51:40.2	6.84	-73.14	147	2.5	0.6	65	41	LOS SANTOS (SANTANDER)
4637	Oct 9 2017	21:58:42.2	6.83	-73.17	146	1.7	0.3	131	10	ZAPATOCA (SANTANDER)
4638	Oct 9 2017	22:01: 7.5	6.81	-73.15	140	2.0	0.4	110	24	LOS SANTOS (SANTANDER)
4639	Oct 9 2017	22:22:30.0	2.46	-75.51	18	1.3	0.4	166	11	GIGANTE (HUILA)
4640	Oct 9 2017	22:55:33.2	6.85	-73.22	132	1.4	0.3	124	10	ZAPATOCA (SANTANDER)
4641	Oct 9 2017	23:16:32.2	7.10	-76.20	Sup	1.3	0.6	152	14	DABEIBA (ANTIOQUIA)
4642	Oct 9 2017	23:31: 7.3	6.86	-73.13	139	1.9	0.5	76	23	LOS SANTOS (SANTANDER)
4643	Oct 9 2017	23:50:29.6	6.79	-73.14	138	1.6	0.4	112	17	LOS SANTOS (SANTANDER)
4644	Oct 9 2017	23:57:31.8	6.88	-73.25	122	1.4	0.4	120	16	BETULIA (SANTANDER)
4645	Oct 10 2017	00:04:18.7	6.79	-73.16	146	2.3	0.3	110	15	LOS SANTOS (SANTANDER)
4646	Oct 10 2017	01:00:15.9	3.85	-74.78	8	1.3	0.3	219	8	PURIFICACION (TOLIMA)
4647	Oct 10 2017	01:43:13.0	6.24	-73.89	92	1.6	0.4	87	14	LANDAZURI (SANTANDER)
4648	Oct 10 2017	02:32:46.9	6.11	-73.62	119	1.6	0.3	84	14	CHIPATA (SANTANDER)
4649	Oct 10 2017	04:48: 5.8	6.80	-73.11	148	1.5	0.2	141	9	LOS SANTOS (SANTANDER)
4650	Oct 10 2017	04:58:42.2	3.81	-76.94	44	1.8	0.6	107	13	BUENAVENTURA (VALLE)
4651	Oct 10 2017	05:42:13.8	4.76	-74.68	Sup	1.2	0.3	179	13	BELTRAN (CUNDINAMARCA)
4652	Oct 10 2017	06:18:32.7	6.78	-73.11	147	1.5	0.1	142	9	LOS SANTOS (SANTANDER)
4653	Oct 10 2017	06:55:31.1	4.85	-75.66	Sup	1.5	0.5	125	12	DOSQUEBRADAS (RISARALDA)
4654	Oct 10 2017	07:08:29.4	6.82	-73.15	152	3.8	1.1	55	75	LOS SANTOS (SANTANDER)
4655	Oct 10 2017	08:28:36.1	3.27	-76.21	18	1.4	0.4	214	10	MIRANDA (CAUCA)
4656	Oct 10 2017	08:54: 6.8	7.09	-76.18	Sup	1.6	0.9	138	10	DABEIBA (ANTIOQUIA)
4657	Oct 10 2017	09:19:34.6	4.38	-76.24	107	1.4	0.3	162	8	BOLIVAR (VALE)
4658	Oct 10 2017	10:12:12.6	6.76	-73.15	142	1.8	0.4	112	21	LOS SANTOS (SANTANDER)
4659	Oct 10 2017	10:18:33.2	6.79	-73.16	138	2.5	0.6	64	49	LOS SANTOS (SANTANDER)
4660	Oct 10 2017	10:20:33.5	4.80	-78.29	59	2.0	0.6	213	20	O. PACIFICO CENTRO

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4661	Oct 10 2017	11:09: 5.1	3.78	-75.66	Sup	1.7	0.5	102	24	CHAPARRAL (TOLIMA)
4662	Oct 10 2017	12:37:47.1	6.78	-73.13	136	2.1	0.4	113	22	LOS SANTOS (SANTANDER)
4663	Oct 10 2017	13:00:10.7	0.66	-77.80	49	2.5	0.6	197	9	FRONTERA CON ECUADOR
4664	Oct 10 2017	13:07:35.9	6.79	-73.13	137	3.3	0.8	96	78	LOS SANTOS (SANTANDER)
4665	Oct 10 2017	14:00:57.5	6.78	-76.81	Sup	2.0	0.3	153	16	VIGIA DEL FUERTE (ANTIOQUIA)
4666	Oct 10 2017	15:30:22.9	6.63	-74.06	Sup	1.6	0.5	105	13	PUERTO PARRA (SANTANDER)
4667	Oct 10 2017	16:59:55.5	5.66	-74.00	109	1.4	0.4	89	16	PAUNA (BOYACA)
4668	Oct 10 2017	17:11: 2.5	6.76	-73.13	139	1.2	0.4	139	9	LOS SANTOS (SANTANDER)
4669	Oct 10 2017	17:55: 1.6	5.26	-73.69	147	3.0	0.7	56	54	LENGUAZAQUE (CUNDINAMARCA)
4670	Oct 10 2017	19:18:25.1	6.83	-73.15	143	1.7	0.4	134	14	LOS SANTOS (SANTANDER)
4671	Oct 10 2017	19:21: 2.8	6.76	-73.13	136	1.9	0.3	140	18	LOS SANTOS (SANTANDER)
4672	Oct 10 2017	19:38:59.7	6.78	-73.14	140	1.7	0.2	138	13	LOS SANTOS (SANTANDER)
4673	Oct 10 2017	21:17:57.6	6.81	-73.20	146	1.5	0.2	170	8	ZAPATOCA (SANTANDER)
4674	Oct 10 2017	21:18:40.4	8.06	-72.03	Sup	1.9	0.4	112	13	FRONTERA CON VENEZUELA
4675	Oct 10 2017	22:19:51.5	6.86	-73.12	146	3.0	0.9	57	68	LOS SANTOS (SANTANDER)
4676	Oct 11 2017	00:03:47.1	4.17	-76.04	56	1.7	0.6	234	16	BUGALAGRANDE (VALLE)
4677	Oct 11 2017	00:55: 0.6	6.80	-73.15	139	2.3	0.2	111	18	LOS SANTOS (SANTANDER)
4678	Oct 11 2017	01:55:58.6	6.78	-73.13	144	1.6	0.1	178	8	LOS SANTOS (SANTANDER)
4679	Oct 11 2017	04:07: 2.9	7.44	-73.36	Sup	1.4	0.5	187	8	SABANA DE TORRES (SANTANDER)
4680	Oct 11 2017	05:53:30.3	2.61	-76.18	Sup	1.3	0.6	144	14	INZA (CAUCA)
4681	Oct 11 2017	05:56:28.0	2.66	-76.16	Sup	1.2	0.7	153	12	INZA (CAUCA)
4682	Oct 11 2017	06:08:25.3	6.81	-73.14	147	2.2	0.5	126	20	LOS SANTOS (SANTANDER)
4683	Oct 11 2017	07:47:50.9	4.42	-75.96	Sup	1.0	0.4	106	10	ZARZAL (VALLE)
4684	Oct 11 2017	07:55:41.1	3.42	-76.54	117	1.1	0.3	158	12	CALI (VALLE)
4685	Oct 11 2017	08:09:57.0	9.00	-74.08	94	1.6	0.4	103	14	HATILLO DE LOBA (BOLIVAR)
4686	Oct 11 2017	08:41:27.0	6.79	-73.18	138	1.4	0.1	183	8	LOS SANTOS (SANTANDER)
4687	Oct 11 2017	08:59:59.7	7.21	-79.83	16	2.9	0.3	267	12	O. PACIFICO NORTE
4688	Oct 11 2017	09:10: 2.8	6.79	-75.66	85	1.5	0.0	233	7	SAN JOSE DE LA MONTANA (ANTIOQUIA)
4689	Oct 11 2017	10:19:42.5	6.78	-73.15	146	1.8	0.4	111	23	LOS SANTOS (SANTANDER)
4690	Oct 11 2017	10:53:25.5	11.54	-72.86	31	1.8	0.5	186	13	MANAURE BALCON CESAR (CESAR)
4691	Oct 11 2017	11:00:12.8	6.79	-73.19	139	1.6	0.2	130	9	ZAPATOCA (SANTANDER)
4692	Oct 11 2017	11:00:12.8	6.79	-73.19	139	1.6	0.2	130	9	ZAPATOCA (SANTANDER)
4693	Oct 11 2017	12:08:47.8	4.19	-76.20	140	1.4	0.4	140	12	ANDALUCIA (VALLE)
4694	Oct 11 2017	13:27:48.0	7.24	-76.99	23	1.7	0.4	157	8	RIOSUCIO (CHOCO)
4695	Oct 11 2017	13:51: 1.2	5.18	-74.82	16	1.0	0.5	124	10	MARIQUITA (TOLIMA)
4696	Oct 11 2017	15:33:46.2	5.03	-74.62	28	0.9	0.4	139	8	GUADUAS (CUNDINAMARCA)
4697	Oct 11 2017	15:43: 1.3	6.08	-73.71	106	1.9	0.4	78	20	VELEZ (SANTANDER)
4698	Oct 11 2017	16:40:39.0	6.77	-73.15	137	1.7	0.4	112	15	LOS SANTOS (SANTANDER)
4699	Oct 11 2017	16:56:31.9	9.74	-73.51	Sup	1.8	0.7	124	10	BECERRIL (CESAR)
4700	Oct 11 2017	17:52:10.4	6.82	-72.33	32	1.5	0.4	161	8	CUBARA (BOYACA)
4701	Oct 11 2017	17:59:58.3	6.80	-73.14	134	1.4	0.3	136	7	LOS SANTOS (SANTANDER)
4702	Oct 11 2017	19:20: 2.7	6.76	-73.10	140	1.9	0.4	117	21	LOS SANTOS (SANTANDER)
4703	Oct 11 2017	19:38:14.5	10.91	-73.98	Sup	1.4	0.6	111	10	PUEBLO BELLO (CESAR)
4704	Oct 11 2017	19:57:48.0	6.80	-73.19	144	1.7	0.3	110	13	ZAPATOCA (SANTANDER)
4705	Oct 11 2017	20:23:33.1	3.84	-76.07	14	1.5	0.7	109	15	SAN PEDRO (VALLE)
4706	Oct 11 2017	20:53:30.9	6.83	-73.13	146	2.1	0.5	112	26	LOS SANTOS (SANTANDER)
4707	Oct 11 2017	21:00:34.4	6.80	-73.16	138	2.2	0.6	110	26	LOS SANTOS (SANTANDER)
4708	Oct 11 2017	21:13:31.8	5.64	-73.96	111	1.3	0.3	93	12	PAUNA (BOYACA)
4709	Oct 11 2017	22:40:11.0	6.83	-73.15	145	1.5	0.3	111	16	LOS SANTOS (SANTANDER)
4710	Oct 11 2017	22:45:13.8	5.27	-73.77	141	1.1	0.3	128	8	CUCUNUBA (CUNDINAMARCA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4711	Oct 11 2017	23:14:13.3	5.54	-77.65	23	3.0	0.8	108	59	O. PACIFICO NORTE
4712	Oct 11 2017	23:41:24.8	7.12	-76.21	Sup	1.6	0.6	230	12	DABEIBA (ANTIOQUIA)
4713	Oct 12 2017	00:05: 4.7	4.33	-76.20	18	1.4	0.6	149	9	BOLIVAR (VALLE)
4714	Oct 12 2017	00:05:52.4	6.78	-73.10	144	1.7	0.3	143	8	LOS SANTOS (SANTANDER)
4715	Oct 12 2017	00:21:10.6	6.79	-73.17	142	1.3	0.2	143	8	LOS SANTOS (SANTANDER)
4716	Oct 12 2017	00:23:57.2	5.56	-73.85	127	1.9	0.4	76	23	CALDAS (BOYACA)
4717	Oct 12 2017	01:19:33.3	6.80	-73.15	141	1.8	0.3	110	13	LOS SANTOS (SANTANDER)
4718	Oct 12 2017	02:40:30.0	6.87	-76.70	Sup	2.4	0.8	129	14	MURINDO (ANTIOQUIA)
4719	Oct 12 2017	02:42:15.2	6.84	-73.17	144	2.0	0.1	317	8	ZAPATOCA (SANTANDER)
4720	Oct 12 2017	02:43:19.6	4.32	-76.56	63	1.9	0.2	200	8	TRUJILLO (VALLE)
4721	Oct 12 2017	02:59:44.6	6.77	-73.19	142	1.7	0.2	142	9	ZAPATOCA (SANTANDER)
4722	Oct 12 2017	04:29:52.2	6.96	-73.08	137	1.4	0.4	263	8	PIEDECUESTA (SANTANDER)
4723	Oct 12 2017	05:00:34.7	6.79	-73.14	144	2.2	0.5	112	20	LOS SANTOS (SANTANDER)
4724	Oct 12 2017	06:06:55.1	5.45	-73.81	143	1.8	0.5	82	16	SUSA (CUNDINAMARCA)
4725	Oct 12 2017	06:10:26.6	1.65	-76.81	Sup	1.0	0.3	138	8	LA CRUZ (NARINO)
4726	Oct 12 2017	06:23:20.8	6.80	-73.14	148	2.9	0.6	108	40	LOS SANTOS (SANTANDER)
4727	Oct 12 2017	06:32:12.3	6.71	-73.16	153	1.4	0.2	240	8	VILLANUEVA (SANTANDER)
4728	Oct 12 2017	07:19:31.7	6.83	-73.14	132	1.5	0.4	245	8	LOS SANTOS (SANTANDER)
4729	Oct 12 2017	08:27:10.3	6.80	-73.12	146	1.6	0.4	220	16	LOS SANTOS (SANTANDER)
4730	Oct 12 2017	08:46:34.7	5.34	-72.55	Sup	1.7	0.7	85	14	YOPAL (CASANARE)
4731	Oct 12 2017	09:03:47.5	3.47	-74.22	Sup	2.6	0.7	97	50	MESETAS (META)
4732	Oct 12 2017	09:45:13.0	-0.00	-77.31	Sup	1.9	0.3	285	11	FRONTERA CON ECUADOR
4733	Oct 12 2017	10:14:18.3	6.78	-73.13	132	1.4	0.4	219	11	LOS SANTOS (SANTANDER)
4734	Oct 12 2017	12:40:38.5	6.69	-73.18	139	1.0	0.5	270	7	VILLANUEVA (SANTANDER)
4735	Oct 12 2017	13:33: 6.7	6.81	-73.14	146	1.4	0.3	244	7	LOS SANTOS (SANTANDER)
4736	Oct 12 2017	14:57:53.2	6.74	-73.17	137	2.0	0.4	111	18	LOS SANTOS (SANTANDER)
4737	Oct 12 2017	15:49: 5.2	6.72	-73.22	131	1.3	0.3	228	8	VILLANUEVA (SANTANDER)
4738	Oct 12 2017	16:09: 2.0	4.38	-76.17	93	1.7	0.6	145	18	ROLDANILLO (VALLE)
4739	Oct 12 2017	16:18:33.8	7.96	-75.76	17	1.8	0.5	273	8	PUERTO LIBERTADOR (CORDOBA)
4740	Oct 12 2017	17:00:59.1	6.75	-73.13	142	1.5	0.1	243	8	LOS SANTOS (SANTANDER)
4741	Oct 12 2017	17:12:55.4	6.68	-73.70	80	1.4	0.4	155	12	EL CARMEN (SANTANDER)
4742	Oct 12 2017	19:32:53.6	6.75	-73.17	129	1.4	0.3	134	9	LOS SANTOS (SANTANDER)
4743	Oct 12 2017	21:22:51.7	11.11	-72.33	Sup	1.9	0.3	184	10	FRONTERA CON VENEZUELA
4744	Oct 12 2017	21:25: 5.1	6.76	-73.14	142	1.6	0.3	138	15	LOS SANTOS (SANTANDER)
4745	Oct 12 2017	21:32:44.4	6.81	-73.14	146	2.0	0.4	136	18	LOS SANTOS (SANTANDER)
4746	Oct 12 2017	21:35:47.4	7.42	-76.81	11	1.9	0.4	194	14	CHIGORODO (ANTIOQUIA)
4747	Oct 12 2017	21:49:47.1	6.77	-73.11	142	1.4	0.3	142	15	LOS SANTOS (SANTANDER)
4748	Oct 12 2017	21:53:59.9	5.79	-74.81	Sup	0.9	0.6	162	12	PUERTO TRIUNFO (ANTIOQUIA)
4749	Oct 12 2017	22:01:19.4	3.64	-76.82	25	1.5	0.7	133	15	DAGUA (VALLE)
4750	Oct 12 2017	23:03: 6.8	3.32	-76.82	86	1.6	0.3	154	10	JAMUNDI (VALLE)
4751	Oct 12 2017	23:28:34.3	6.80	-73.16	141	1.8	0.4	110	23	LOS SANTOS (SANTANDER)
4752	Oct 12 2017	23:49: 4.6	6.76	-73.11	146	1.7	0.2	142	13	LOS SANTOS (SANTANDER)
4753	Oct 13 2017	01:20: 8.4	4.49	-76.51	90	2.9	1.0	59	62	SIPI (CHOCO)
4754	Oct 13 2017	02:20:14.0	6.80	-73.15	141	2.4	0.4	108	24	LOS SANTOS (SANTANDER)
4755	Oct 13 2017	04:04:51.3	5.13	-76.37	92	1.4	0.2	267	8	TADO (CHOCO)
4756	Oct 13 2017	04:52:24.9	6.83	-73.17	154	4.6*	1.2	63	75	ZAPATOCA (SANTANDER)
4757	Oct 13 2017	07:15:44.7	6.77	-73.15	155	1.4	0.4	243	8	LOS SANTOS (SANTANDER)
4758	Oct 13 2017	07:15:46.3	6.85	-73.16	144	1.5	0.4	244	8	ZAPATOCA (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4759	Oct 13 2017	07:53:33.4	6.78	-73.19	141	1.2	0.4	240	8	ZAPATOCA (SANTANDER)
4760	Oct 13 2017	08:07:28.8	6.89	-73.12	137	1.2	0.4	249	9	PIEDECUUESTA (SANTANDER)
4761	Oct 13 2017	08:47:47.7	6.81	-73.17	150	2.4	0.5	143	20	LOS SANTOS (SANTANDER)
4762	Oct 13 2017	09:08:22.7	6.80	-73.14	138	2.0	0.5	112	20	LOS SANTOS (SANTANDER)
4763	Oct 13 2017	09:26:13.9	6.86	-73.18	142	2.2	0.5	115	16	ZAPATOCA (SANTANDER)
4764	Oct 13 2017	10:06:31.3	6.49	-73.33	120	1.3	0.4	114	8	SIMACOTA (SANTANDER)
4765	Oct 13 2017	10:23:19.8	6.51	-74.36	10	1.3	0.4	113	9	PUERTO BERRIO (ANTIOQUIA)
4766	Oct 13 2017	10:23:22.8	4.94	-78.12	17	2.3	0.4	304	18	O. PACIFICO CENTRO
4767	Oct 13 2017	10:39:10.6	6.78	-73.18	137	2.0	0.4	109	24	LOS SANTOS (SANTANDER)
4768	Oct 13 2017	11:29:50.9	3.90	-76.34	107	1.6	0.2	262	7	BUGA (VALLE)
4769	Oct 13 2017	12:44:30.0	10.98	-74.25	9	1.6	0.3	150	7	PIVIJAY (MAGDALENA)
4770	Oct 13 2017	14:05:29.7	6.76	-73.14	142	1.8	0.4	209	16	LOS SANTOS (SANTANDER)
4771	Oct 13 2017	14:15: 8.9	6.84	-73.29	118	1.0	0.2	215	9	ZAPATOCA (SANTANDER)
4772	Oct 13 2017	15:14:22.2	6.82	-75.14	18	1.6	0.5	104	14	GUADALUPE (ANTIOQUIA)
4773	Oct 13 2017	15:36:56.6	3.80	-71.43	Sup	2.3	0.4	286	14	PUERTO GAITAN (META)
4774	Oct 13 2017	15:54:51.8	6.80	-73.19	139	1.4	0.1	233	6	ZAPATOCA (SANTANDER)
4775	Oct 13 2017	15:56: 7.8	6.78	-73.12	143	2.2	0.6	114	26	LOS SANTOS (SANTANDER)
4776	Oct 13 2017	17:36:17.8	5.86	-73.43	140	1.8	0.4	75	22	TOGUI (BOYACA)
4777	Oct 13 2017	18:22:27.8	1.66	-76.82	Sup	2.1	0.5	117	31	LA CRUZ (NARINO)
4778	Oct 13 2017	19:55: 6.3	6.75	-73.16	143	1.7	0.3	232	12	LOS SANTOS (SANTANDER)
4779	Oct 13 2017	20:46:19.8	7.10	-72.81	138	1.8	0.3	271	9	SILOS (N.SANTANDER)
4780	Oct 13 2017	21:07:19.3	7.39	-74.85	42	1.9	0.5	109	19	ZARAGOZA (ANTIOQUIA)
4781	Oct 13 2017	21:43:32.6	6.80	-73.14	147	2.5	0.5	112	35	LOS SANTOS (SANTANDER)
4782	Oct 13 2017	22:04:43.1	6.79	-73.15	142	1.6	0.3	276	8	LOS SANTOS (SANTANDER)
4783	Oct 13 2017	22:38: 8.9	5.71	-73.98	100	1.1	0.2	88	14	TUNUNGUA (BOYACA)
4784	Oct 13 2017	23:22:47.6	6.36	-73.61	108	1.5	0.4	106	14	SANTA HELENA DEL OPO (SANTANDER)
4785	Oct 13 2017	23:24:23.6	6.75	-73.17	147	1.4	0.4	231	12	LOS SANTOS (SANTANDER)
4786	Oct 14 2017	00:21:58.3	3.81	-73.92	12	1.3	0.2	140	8	CUBARRAL (META)
4787	Oct 14 2017	01:04:33.0	6.73	-73.19	146	1.3	0.6	133	13	VILLANUEVA (SANTANDER)
4788	Oct 14 2017	01:07:38.7	1.66	-76.80	Sup	1.4	0.5	136	16	LA CRUZ (NARINO)
4789	Oct 14 2017	02:10:17.4	6.77	-73.16	150	1.4	0.4	233	8	LOS SANTOS (SANTANDER)
4790	Oct 14 2017	02:16:33.8	7.38	-73.17	137	1.6	0.2	263	10	EL PLAYON (SANTANDER)
4791	Oct 14 2017	02:33:12.5	7.13	-72.31	Sup	1.1	0.1	274	12	CUBARA (BOYACA)
4792	Oct 14 2017	02:36:57.6	6.73	-73.13	147	1.5	0.5	141	16	LOS SANTOS (SANTANDER)
4793	Oct 14 2017	03:11:19.1	6.80	-73.16	143	1.4	0.5	212	16	LOS SANTOS (SANTANDER)
4794	Oct 14 2017	03:12:13.3	6.77	-73.09	134	1.2	0.5	240	11	LOS SANTOS (SANTANDER)
4795	Oct 14 2017	03:36:58.0	4.68	-76.02	Sup	2.4	0.8	67	52	TORO (VALLE)
4796	Oct 14 2017	03:57:12.8	6.79	-73.13	149	1.8	0.6	71	26	LOS SANTOS (SANTANDER)
4797	Oct 14 2017	04:15:10.4	7.51	-75.29	30	1.8	0.5	91	18	CACERES (ANTIOQUIA)
4798	Oct 14 2017	04:16:13.9	7.71	-73.27	132	1.8	0.4	165	16	LA ESPERANZA (N.SANTANDER)
4799	Oct 14 2017	04:53:47.4	6.72	-73.25	143	0.9	0.3	202	7	ZAPATOCA (SANTANDER)
4800	Oct 14 2017	04:59: 3.2	6.69	-73.18	141	1.3	0.3	200	12	VILLANUEVA (SANTANDER)
4801	Oct 14 2017	05:55:59.6	6.78	-73.40	126	0.8	0.3	175	8	SAN VICENTE DE CHUCURI (SANTANDER)
4802	Oct 14 2017	05:58:10.6	6.83	-73.15	148	1.4	0.4	209	13	LOS SANTOS (SANTANDER)
4803	Oct 14 2017	06:52:17.3	11.31	-73.79	Sup	1.6	0.3	187	10	MAR CARIBE
4804	Oct 14 2017	06:58:24.5	6.57	-73.64	97	0.7	0.3	126	10	EL CARMEN (SANTANDER)
4805	Oct 14 2017	07:21:27.4	6.70	-73.16	131	0.9	0.4	228	10	VILLANUEVA (SANTANDER)
4806	Oct 14 2017	07:24:16.9	6.77	-73.13	146	1.5	0.4	237	13	LOS SANTOS (SANTANDER)
4807	Oct 14 2017	07:26:13.5	10.26	-73.31	107	1.6	0.3	204	10	SAN DIEGO (CESAR)
4808	Oct 14 2017	07:44:47.8	5.54	-73.84	122	1.1	0.4	77	20	CALDAS (BOYACA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4809	Oct 14 2017	07:52:31.9	6.79	-73.11	152	1.2	0.4	240	14	LOS SANTOS (SANTANDER)
4810	Oct 14 2017	08:19:33.8	7.41	-76.33	Sup	1.3	0.2	284	8	MUTATA (ANTIOQUIA)
<u>4811</u>	<u>Oct 14 2017</u>	<u>08:35:43.0</u>	<u>7.38</u>	<u>-72.06</u>	<u>Sup</u>	<u>4.7*</u>	<u>0.8</u>	<u>120</u>	<u>84</u>	<u>FRONTERA CON VENEZUELA</u>
4812	Oct 14 2017	09:26:27.2	6.74	-73.18	136	0.9	0.4	228	8	VILLANUEVA (SANTANDER)
4813	Oct 14 2017	09:48:41.4	3.91	-76.90	17	1.5	0.6	161	14	BUENAVENTURA (VALLE)
4814	Oct 14 2017	10:01:33.2	10.51	-73.58	32	1.6	0.4	113	12	PUEBLO BELLO (CESAR)
4815	Oct 14 2017	10:16:39.9	6.62	-73.58	106	1.1	0.2	109	11	EL CARMEN (SANTANDER)
4816	Oct 14 2017	11:23:30.0	6.67	-73.52	102	1.3	0.1	128	9	EL CARMEN (SANTANDER)
4817	Oct 14 2017	12:27:39.4	3.77	-75.84	7	1.5	0.5	74	17	RIOBLANCO (TOLIMA)
4818	Oct 14 2017	14:28:53.4	6.80	-73.16	142	1.7	0.4	109	19	LOS SANTOS (SANTANDER)
4819	Oct 14 2017	14:37:21.6	6.85	-73.23	131	1.0	0.2	238	6	ZAPATOCA (SANTANDER)
4820	Oct 14 2017	14:51: 2.3	6.80	-73.17	136	1.4	0.2	132	7	ZAPATOCA (SANTANDER)
4821	Oct 14 2017	15:44:33.5	6.56	-73.52	110	1.3	0.4	140	10	EL CARMEN (SANTANDER)
4822	Oct 14 2017	16:09:15.9	6.97	-76.80	23	2.0	0.4	139	14	MURINDO (ANTIOQUIA)
4823	Oct 14 2017	16:36:10.2	6.90	-76.40	Sup	2.5	0.7	126	41	DABEIBA (ANTIOQUIA)
4824	Oct 14 2017	17:18:48.8	6.68	-73.20	143	1.0	0.3	215	7	VILLANUEVA (SANTANDER)
4825	Oct 14 2017	17:24:29.1	6.75	-73.29	141	1.1	0.3	245	7	ZAPATOCA (SANTANDER)
4826	Oct 14 2017	17:45:11.2	6.99	-76.52	Sup	2.3	0.6	239	30	MURINDO (ANTIOQUIA)
4827	Oct 14 2017	18:03:43.3	7.39	-73.14	137	1.5	0.1	184	10	EL PLAYON (SANTANDER)
4828	Oct 14 2017	18:57:24.1	6.78	-73.14	126	1.4	0.4	137	12	LOS SANTOS (SANTANDER)
4829	Oct 14 2017	19:02:35.9	2.90	-74.88	10	1.4	0.3	177	11	TELLO (HUILA)
4830	Oct 14 2017	19:12:13.2	6.28	-74.81	Sup	2.2	0.6	90	33	CARACOLI (ANTIOQUIA)
4831	Oct 14 2017	19:15:56.3	1.94	-75.95	Sup	1.8	0.5	146	12	TIMANA (HUILA)
4832	Oct 14 2017	19:23:41.1	8.10	-72.46	Sup	1.8	0.3	184	11	CUCUTA (N.SANTANDER)
4833	Oct 14 2017	19:45: 1.8	6.81	-73.10	141	3.0	0.5	216	26	LOS SANTOS (SANTANDER)
4834	Oct 14 2017	19:56: 7.7	6.60	-77.96	22	2.0	0.7	173	9	O. PACIFICO NORTE
4835	Oct 14 2017	19:58:16.0	6.80	-73.17	145	1.3	0.3	242	7	LOS SANTOS (SANTANDER)
4836	Oct 14 2017	22:17:22.9	6.75	-73.21	159	1.4	0.3	226	8	ZAPATOCA (SANTANDER)
4837	Oct 14 2017	22:19: 1.9	1.95	-75.94	Sup	1.6	0.6	143	12	TIMANA (HUILA)
4838	Oct 14 2017	22:53: 4.6	7.27	-73.50	105	1.6	0.4	235	10	SABANA DE TORRES (SANTANDER)
4839	Oct 14 2017	23:22:25.7	6.81	-73.16	141	1.7	0.5	109	18	LOS SANTOS (SANTANDER)
4840	Oct 15 2017	00:23:47.5	6.77	-73.19	150	1.4	0.4	109	18	ZAPATOCA (SANTANDER)
4841	Oct 15 2017	00:36:15.5	5.25	-73.74	134	1.0	0.2	121	11	CUCUNUBA (CUNDINAMARCA)
4842	Oct 15 2017	01:31:59.7	6.80	-73.15	142	2.1	0.3	65	35	LOS SANTOS (SANTANDER)
4843	Oct 15 2017	01:57:38.4	6.76	-73.18	138	1.4	0.4	110	17	LOS SANTOS (SANTANDER)
4844	Oct 15 2017	02:06:29.6	6.73	-73.24	140	1.1	0.5	207	7	ZAPATOCA (SANTANDER)
4845	Oct 15 2017	04:34:24.5	6.77	-73.13	135	1.0	0.4	236	8	LOS SANTOS (SANTANDER)
4846	Oct 15 2017	05:35:37.3	6.81	-73.18	138	2.2	0.4	62	35	ZAPATOCA (SANTANDER)
4847	Oct 15 2017	05:39:13.4	6.78	-73.15	137	2.7	1.0	148	42	LOS SANTOS (SANTANDER)
4848	Oct 15 2017	06:15:25.1	6.77	-73.20	138	1.3	0.4	130	11	ZAPATOCA (SANTANDER)
4849	Oct 15 2017	06:22:23.5	5.41	-76.04	Sup	1.3	0.6	210	15	PUEBLO RICO (RISARALDA)
4850	Oct 15 2017	06:30:48.5	6.28	-73.71	91	1.1	0.3	165	10	SANTA HELENA DEL OPO (SANTANDER)
4851	Oct 15 2017	06:34:46.9	6.77	-73.15	143	1.3	0.4	136	10	LOS SANTOS (SANTANDER)
4852	Oct 15 2017	06:39:58.2	5.26	-73.73	142	1.6	0.5	56	24	CUCUNUBA (CUNDINAMARCA)
4853	Oct 15 2017	06:46:58.3	6.72	-73.14	134	1.6	0.4	115	16	JORDAN (SANTANDER)
4854	Oct 15 2017	06:51:26.8	6.72	-73.16	139	1.5	0.4	204	19	VILLANUEVA (SANTANDER)
4855	Oct 15 2017	07:03:56.3	4.78	-78.10	53	1.6	0.4	299	10	O. PACIFICO CENTRO
4856	Oct 15 2017	07:17:34.1	3.91	-76.32	117	1.1	0.2	137	8	BUGA (VALLE)
4857	Oct 15 2017	07:18:55.9	6.62	-73.23	140	0.7	0.3	165	8	BARICHARA (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4858	Oct 15 2017	07:37: 0.2	6.78	-73.13	138	1.2	0.4	238	12	LOS SANTOS (SANTANDER)
4859	Oct 15 2017	08:06:24.6	6.80	-73.13	150	2.5	0.5	66	50	LOS SANTOS (SANTANDER)
4860	Oct 15 2017	08:24:32.3	5.42	-73.83	129	1.5	0.4	82	22	SUSA (CUNDINAMARCA)
4861	Oct 15 2017	09:35: 0.5	3.57	-74.39	8	1.4	0.5	127	23	URIBE (META)
4862	Oct 15 2017	11:59: 1.0	6.44	-76.81	12	1.7	0.3	274	12	VIGIA DEL FUERTE (ANTIOQUIA)
4863	Oct 15 2017	12:50:35.1	7.14	-75.11	6	1.4	0.3	225	12	ANORI (ANTIOQUIA)
4864	Oct 15 2017	13:26:58.5	6.78	-73.11	138	1.4	0.4	142	17	LOS SANTOS (SANTANDER)
4865	Oct 15 2017	13:33:34.8	6.77	-73.15	145	1.9	0.5	112	25	LOS SANTOS (SANTANDER)
4866	Oct 15 2017	14:37:12.3	6.83	-73.13	145	1.4	0.3	241	10	LOS SANTOS (SANTANDER)
4867	Oct 15 2017	16:38:28.4	5.09	-78.09	22	2.2	0.6	240	37	O. PACIFICO CENTRO
4868	Oct 15 2017	17:06:56.2	6.75	-73.11	139	1.4	0.1	143	9	LOS SANTOS (SANTANDER)
4869	Oct 15 2017	17:12:34.3	6.32	-73.75	97	1.6	0.2	114	13	LANDAZURI (SANTANDER)
4870	Oct 15 2017	18:07:51.4	7.45	-75.34	9	1.7	0.5	118	14	CACERES (ANTIOQUIA)
4871	Oct 15 2017	18:17: 4.2	6.78	-73.15	140	1.9	0.4	112	20	LOS SANTOS (SANTANDER)
4872	Oct 15 2017	18:24:52.7	6.62	-73.24	143	1.0	0.2	158	8	BARICHARA (SANTANDER)
4873	Oct 15 2017	18:31: 9.6	5.69	-74.32	9	1.6	0.4	95	18	OTANCHE (BOYACA)
4874	Oct 15 2017	18:35:37.6	5.08	-78.05	27	3.0	0.7	228	71	O. PACIFICO CENTRO
4875	Oct 15 2017	18:42:16.9	4.98	-75.26	Sup	1.3	0.4	111	18	HERVEO (TOLIMA)
4876	Oct 15 2017	20:38:54.8	6.91	-73.05	147	0.7	0.0	141	7	PIEDRECUESTA (SANTANDER)
4877	Oct 15 2017	21:33:57.0	6.59	-73.57	111	1.6	0.4	65	21	EL CARMEN (SANTANDER)
4878	Oct 15 2017	22:13:18.6	2.01	-77.14	118	1.5	0.3	127	8	BALBOA (CAUCA)
4879	Oct 15 2017	22:22: 8.4	6.77	-73.14	148	1.5	0.3	138	13	LOS SANTOS (SANTANDER)
4880	Oct 15 2017	22:48:41.8	6.79	-73.08	151	1.0	0.4	145	12	LOS SANTOS (SANTANDER)
4881	Oct 15 2017	23:11:44.7	7.48	-76.30	Sup	2.6	0.6	100	36	MUTATA (ANTIOQUIA)
4882	Oct 15 2017	23:46:57.7	5.16	-73.05	Sup	1.9	0.8	141	30	PAEZ (BOYACA)
4883	Oct 16 2017	00:10:35.0	6.78	-73.16	152	1.3	0.4	135	11	LOS SANTOS (SANTANDER)
4884	Oct 16 2017	00:16:49.8	5.16	-73.14	Sup	1.1	0.7	134	11	MIRAFLORES (BOYACA)
4885	Oct 16 2017	00:24:38.2	6.84	-73.14	148	2.9	0.6	56	48	LOS SANTOS (SANTANDER)
4886	Oct 16 2017	00:27:17.8	3.75	-77.27	Sup	1.8	0.7	116	9	O. PACIFICO SUR
4887	Oct 16 2017	00:57:27.1	6.77	-73.12	155	1.1	0.2	237	8	LOS SANTOS (SANTANDER)
4888	Oct 16 2017	02:01:14.9	6.82	-73.16	151	1.6	0.5	184	16	LOS SANTOS (SANTANDER)
4889	Oct 16 2017	02:05: 6.6	6.65	-73.17	144	1.0	0.2	240	7	VILLANUEVA (SANTANDER)
4890	Oct 16 2017	02:16: 4.9	7.13	-76.20	Sup	1.7	0.6	253	13	DABEIBA (ANTIOQUIA)
4891	Oct 16 2017	02:59:22.4	6.75	-73.22	151	1.1	0.4	221	10	ZAPATOCA (SANTANDER)
4892	Oct 16 2017	03:09: 3.1	11.37	-71.69	64	2.3	0.4	198	19	MAR CARIBE
4893	Oct 16 2017	03:13:25.6	6.83	-73.12	152	1.3	0.6	225	14	LOS SANTOS (SANTANDER)
4894	Oct 16 2017	03:28:34.7	6.84	-73.13	144	2.4	0.6	65	38	LOS SANTOS (SANTANDER)
4895	Oct 16 2017	03:45:18.4	4.36	-76.27	78	1.1	0.2	169	8	BOLIVAR (VALLE)
4896	Oct 16 2017	03:56:41.6	4.99	-76.31	94	1.3	0.5	255	11	SAN JOSE DEL PALMAR (CHOCO)
4897	Oct 16 2017	04:24: 9.3	1.62	-76.83	12	0.6	0.3	151	7	LA CRUZ (NARINO)
4898	Oct 16 2017	04:31:42.1	4.53	-73.66	Sup	1.1	0.6	134	9	SAN JUANITO (META)
4899	Oct 16 2017	05:02:47.8	6.77	-73.14	141	1.1	0.4	236	9	LOS SANTOS (SANTANDER)
4900	Oct 16 2017	06:15: 8.2	3.95	-76.26	116	1.6	0.7	81	17	SAN PEDRO (VALLE)
4901	Oct 16 2017	06:23:38.9	3.88	-76.28	110	2.0	0.6	67	23	BUGA (VALLE)
4902	Oct 16 2017	07:05: 5.7	6.71	-73.14	142	1.4	0.5	231	11	JORDAN (SANTANDER)
4903	Oct 16 2017	07:06:40.3	3.52	-75.62	Sup	2.0	0.8	52	36	RIOBLANCO (TOLIMA)
4904	Oct 16 2017	07:13:32.3	5.46	-73.82	Sup	1.6	0.9	113	22	SUSA (CUNDINAMARCA)
4905	Oct 16 2017	07:26:32.2	6.66	-73.64	95	1.6	0.5	108	14	EL CARMEN (SANTANDER)
4906	Oct 16 2017	07:28:35.9	5.57	-73.83	137	3.3	0.7	61	65	CALDAS (BOYACA)
4907	Oct 16 2017	08:00:25.4	5.26	-73.80	144	1.0	0.3	284	9	CUCUNUBA (CUNDINAMARCA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4908	Oct 16 2017	08:11:36.7	6.78	-73.16	147	1.4	0.4	234	9	LOS SANTOS (SANTANDER)
4909	Oct 16 2017	08:18:31.7	2.89	-79.48	Sup	1.4	0.5	313	19	O. PACIFICO SUR
4910	Oct 16 2017	08:20:19.9	6.79	-73.13	142	1.7	0.4	113	22	LOS SANTOS (SANTANDER)
4911	Oct 16 2017	08:25:44.2	5.23	-72.62	Sup	1.6	0.8	98	18	PAJARITO (BOYACA)
4912	Oct 16 2017	08:33: 1.9	6.79	-73.15	141	1.9	0.5	112	23	LOS SANTOS (SANTANDER)
4913	Oct 16 2017	08:39:38.0	8.66	-73.54	139	1.3	0.4	200	9	PELAYA (CESAR)
4914	Oct 16 2017	08:42: 7.1	4.63	-76.24	116	1.1	0.7	163	12	VERSALLES (VALLE)
4915	Oct 16 2017	08:56:25.1	4.38	-75.98	144	1.6	0.6	78	27	ZARZAL (VALLE)
4916	Oct 16 2017	09:30:37.0	4.78	-76.25	108	1.2	0.3	222	7	EL CAIRO (VALLE)
4917	Oct 16 2017	10:13:19.4	1.62	-76.79	Sup	0.9	0.3	157	9	LA CRUZ (NARINO)
4918	Oct 16 2017	11:04:25.8	3.17	-73.28	Sup	1.8	0.8	85	25	PUERTO LLERAS (META)
4919	Oct 16 2017	12:00:45.2	6.79	-73.13	142	2.2	0.5	113	31	LOS SANTOS (SANTANDER)
4920	Oct 16 2017	13:42:50.1	6.81	-73.16	146	1.7	0.4	213	14	LOS SANTOS (SANTANDER)
4921	Oct 16 2017	14:35:59.3	7.17	-76.26	Sup	1.5	0.4	252	8	DABEIBA (ANTIOQUIA)
4922	Oct 16 2017	15:54:13.3	4.06	-76.57	62	1.5	0.5	114	12	CALIMA (VALLE)
4923	Oct 16 2017	16:50: 5.3	7.87	-73.05	173	1.6	0.3	314	8	VILLA CARO (N.SANTANDER)
4924	Oct 16 2017	17:40: 0.7	2.49	-75.44	14	1.3	0.3	181	11	HOBO (HUILA)
4925	Oct 16 2017	17:46:50.8	6.78	-73.13	153	2.1	0.4	66	26	LOS SANTOS (SANTANDER)
4926	Oct 16 2017	17:59:19.2	6.79	-73.15	145	1.5	0.2	236	9	LOS SANTOS (SANTANDER)
4927	Oct 16 2017	18:50:34.3	11.19	-72.64	Sup	1.8	0.5	151	10	MANAURE BALCON CESAR (CESAR)
4928	Oct 16 2017	19:05: 1.6	4.75	-74.73	21	0.7	0.2	242	7	AMBALEMA (TOLIMA)
4929	Oct 16 2017	19:21:25.1	6.77	-73.10	141	1.5	0.4	143	15	LOS SANTOS (SANTANDER)
4930	Oct 16 2017	19:27:15.1	4.65	-74.80	Sup	1.1	0.4	189	11	PULI (CUNDINAMARCA)
4931	Oct 16 2017	19:51:33.9	6.78	-73.16	132	1.3	0.4	135	10	LOS SANTOS (SANTANDER)
4932	Oct 16 2017	20:03:15.0	6.78	-73.16	150	1.8	0.4	135	16	LOS SANTOS (SANTANDER)
4933	Oct 16 2017	20:45:29.8	8.54	-75.10	Sup	2.4	0.8	73	24	SAN MARCOS (SUCRE)
4934	Oct 16 2017	21:06:18.9	7.26	-75.51	Sup	1.7	0.5	180	10	VALDIVIA (ANTIOQUIA)
4935	Oct 16 2017	21:09:19.5	6.79	-73.09	144	1.3	0.3	144	8	LOS SANTOS (SANTANDER)
4936	Oct 16 2017	21:10:35.8	5.75	-72.68	6	1.2	0.2	150	10	MONGUA (BOYACA)
4937	Oct 16 2017	21:24:19.8	5.75	-72.70	10	1.9	0.3	85	24	MONGUA (BOYACA)
4938	Oct 16 2017	21:27:16.8	6.79	-73.17	142	1.8	0.5	133	18	LOS SANTOS (SANTANDER)
4939	Oct 16 2017	22:21:13.8	6.78	-73.13	145	2.3	0.4	113	28	LOS SANTOS (SANTANDER)
4940	Oct 16 2017	22:26: 1.7	6.79	-73.12	140	1.6	0.5	139	14	LOS SANTOS (SANTANDER)
4941	Oct 16 2017	23:24: 4.0	4.77	-74.78	11	1.5	0.4	88	16	AMBALEMA (TOLIMA)
4942	Oct 16 2017	23:28:24.5	6.73	-73.11	144	1.2	0.4	144	10	JORDAN (SANTANDER)
4943	Oct 16 2017	23:31:38.1	6.71	-73.11	148	2.0	0.4	125	24	JORDAN (SANTANDER)
4944	Oct 17 2017	00:37:47.3	4.74	-74.61	17	1.7	0.8	71	24	QUIPILE (CUNDINAMARCA)
4945	Oct 17 2017	00:45:33.4	2.98	-79.34	16	2.1	0.5	292	14	O. PACIFICO SUR
4946	Oct 17 2017	01:43:10.5	6.36	-73.69	102	1.1	0.2	156	9	SANTA HELENA DEL OPO (SANTANDER)
4947	Oct 17 2017	02:34: 7.5	6.78	-73.13	151	1.4	0.3	237	8	LOS SANTOS (SANTANDER)
4948	Oct 17 2017	02:37: 4.7	6.79	-73.14	145	1.8	0.5	112	22	LOS SANTOS (SANTANDER)
4949	Oct 17 2017	02:46:15.3	6.74	-73.13	147	1.7	0.5	115	15	LOS SANTOS (SANTANDER)
4950	Oct 17 2017	02:58:52.0	6.77	-73.15	144	1.1	0.4	137	7	LOS SANTOS (SANTANDER)
4951	Oct 17 2017	03:08:58.2	6.87	-73.19	153	1.6	0.7	105	14	BETULIA (SANTANDER)
4952	Oct 17 2017	03:19: 4.1	4.36	-76.81	68	2.2	0.7	180	37	SIPI (CHOCO)
4953	Oct 17 2017	03:26:25.5	5.75	-73.85	106	1.2	0.1	180	9	ALBANIA (SANTANDER)
4954	Oct 17 2017	03:45:17.2	7.56	-74.13	62	1.8	0.5	194	13	SAN PABLO (BOLIVAR)
4955	Oct 17 2017	04:22:11.9	6.81	-73.17	143	2.0	0.6	109	20	LOS SANTOS (SANTANDER)
4956	Oct 17 2017	04:52:12.5	8.59	-73.35	120	1.8	0.6	164	17	EL CARMEN (N.SANTANDER)
4957	Oct 17 2017	05:17:33.4	4.39	-75.48	Sup	0.8	0.3	156	8	CAJAMARCA (TOLIMA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
4958	Oct 17 2017	05:56:33.6	6.65	-73.13	147	1.3	0.4	189	9	VILLANUEVA (SANTANDER)
4959	Oct 17 2017	06:27:19.9	6.23	-73.73	100	0.3	0.4	236	8	LANDAZURI (SANTANDER)
4960	Oct 17 2017	07:32: 5.6	6.62	-73.12	156	1.3	0.2	287	8	CURITI (SANTANDER)
4961	Oct 17 2017	07:41:55.0	6.82	-73.16	148	1.5	0.4	168	16	LOS SANTOS (SANTANDER)
4962	Oct 17 2017	07:43:15.9	6.82	-73.11	150	1.6	0.6	243	15	LOS SANTOS (SANTANDER)
4963	Oct 17 2017	07:55:34.6	6.50	-75.26	Sup	1.0	0.5	225	7	BARBOSA (ANTIOQUIA)
4964	Oct 17 2017	08:25:22.8	6.72	-73.14	149	1.0	0.1	251	7	JORDAN (SANTANDER)
4965	Oct 17 2017	08:55:51.7	6.66	-73.17	142	1.3	0.4	238	8	VILLANUEVA (SANTANDER)
4966	Oct 17 2017	09:21:21.8	6.99	-74.30	10	1.8	0.5	126	13	YONDO (ANTIOQUIA)
4967	Oct 17 2017	09:23:59.7	6.87	-73.17	152	1.9	0.5	130	14	ZAPATOCA (SANTANDER)
4968	Oct 17 2017	09:55:29.9	6.79	-73.17	151	1.8	0.5	183	11	LOS SANTOS (SANTANDER)
4969	Oct 17 2017	12:57:17.4	7.07	-77.17	27	2.4	0.7	144	20	RIOSUCIO (CHOCO)
4970	Oct 17 2017	13:59:49.7	6.68	-73.17	155	1.4	0.1	225	9	VILLANUEVA (SANTANDER)
4971	Oct 17 2017	15:57:10.2	6.57	-73.20	20	2.1	0.5	125	18	CABRERA (SANTANDER)
4972	Oct 17 2017	16:14:14.7	6.82	-73.14	151	2.2	0.5	111	26	LOS SANTOS (SANTANDER)
4973	Oct 17 2017	17:18:25.2	6.83	-73.12	153	2.5	0.6	66	44	LOS SANTOS (SANTANDER)
4974	Oct 17 2017	17:53:48.1	6.75	-73.11	143	1.8	0.4	116	22	LOS SANTOS (SANTANDER)
4975	Oct 17 2017	18:07:23.3	1.60	-77.19	20	1.5	0.2	151	7	LA UNION (NARINO)
4976	Oct 17 2017	18:14:19.8	4.57	-77.35	45	1.7	0.3	182	10	O. PACIFICO CENTRO
4977	Oct 17 2017	20:29:27.6	6.82	-73.17	140	1.3	0.3	145	7	LOS SANTOS (SANTANDER)
4978	Oct 17 2017	20:53: 3.9	5.86	-74.91	Sup	1.5	0.6	147	17	SAN LUIS (ANTIOQUIA)
4979	Oct 17 2017	21:47:14.3	6.77	-73.16	146	1.8	0.5	135	19	LOS SANTOS (SANTANDER)
4980	Oct 17 2017	21:51:13.3	6.79	-73.13	145	2.6	0.6	113	43	LOS SANTOS (SANTANDER)
4981	Oct 17 2017	23:49:47.1	7.73	-73.57	104	1.9	0.5	204	26	SAN ALBERTO (CESAR)
4982	Oct 18 2017	00:05:43.4	1.95	-75.09	Sup	1.5	0.8	155	15	PUERTO RICO (CAQUETA)
4983	Oct 18 2017	00:46:53.5	2.56	-75.39	Sup	2.8	0.6	63	49	HOBO (HUILA)
4984	Oct 18 2017	01:09: 6.9	6.64	-73.62	100	1.7	0.5	119	12	EL CARMEN (SANTANDER)
4985	Oct 18 2017	01:17:56.0	1.66	-77.13	16	1.5	0.3	137	8	LA UNION (NARINO)
4986	Oct 18 2017	04:01:10.8	6.71	-73.17	143	1.5	0.4	240	9	VILLANUEVA (SANTANDER)
4987	Oct 18 2017	04:07:33.8	6.82	-73.14	146	3.0	0.5	74	50	LOS SANTOS (SANTANDER)
4988	Oct 18 2017	05:22:29.8	6.80	-73.14	144	1.6	0.5	213	16	LOS SANTOS (SANTANDER)
4989	Oct 18 2017	05:39:37.4	7.29	-75.24	9	1.1	0.2	195	7	VALDIVIA (ANTIOQUIA)
4990	Oct 18 2017	05:57:45.5	6.69	-73.18	150	1.5	0.3	225	10	VILLANUEVA (SANTANDER)
4991	Oct 18 2017	06:16:26.2	8.15	-73.41	94	1.2	0.2	286	8	OCANA (N.SANTANDER)
4992	Oct 18 2017	06:29:46.6	6.50	-73.72	96	1.6	0.6	70	16	SANTA HELENA DEL OPO (SANTANDER)
4993	Oct 18 2017	06:31:34.1	6.80	-73.13	151	1.4	0.2	239	9	LOS SANTOS (SANTANDER)
4994	Oct 18 2017	06:40:45.3	6.52	-73.57	106	1.9	0.6	92	16	EL CARMEN (SANTANDER)
4995	Oct 18 2017	06:54:54.5	5.08	-76.37	98	1.3	0.5	264	8	SAN JOSE DEL PALMAR (CHOCO)
4996	Oct 18 2017	07:06:53.3	6.78	-73.17	150	1.1	0.4	232	8	LOS SANTOS (SANTANDER)
4997	Oct 18 2017	07:23:38.5	8.03	-72.88	8	1.2	0.5	291	8	BUCARASICA (N.SANTANDER)
4998	Oct 18 2017	07:53: 5.9	6.76	-73.13	152	1.0	0.4	236	7	LOS SANTOS (SANTANDER)
4999	Oct 18 2017	08:20:37.3	6.76	-73.11	146	1.7	0.4	116	21	LOS SANTOS (SANTANDER)
5000	Oct 18 2017	09:38:22.0	6.76	-73.13	150	1.2	0.4	140	9	LOS SANTOS (SANTANDER)
5001	Oct 18 2017	09:38:49.4	5.14	-74.75	Sup	1.2	0.4	201	10	HONDA (TOLIMA)
5002	Oct 18 2017	09:39:46.8	6.82	-73.15	146	1.4	0.4	239	8	LOS SANTOS (SANTANDER)
5003	Oct 18 2017	10:11:35.2	6.85	-73.14	152	2.3	0.5	103	37	LOS SANTOS (SANTANDER)
5004	Oct 18 2017	10:26:40.6	7.87	-74.52	28	1.3	0.2	274	7	NECHI (ANTIOQUIA)
5005	Oct 18 2017	10:49:13.1	6.79	-73.15	147	1.5	0.4	236	15	LOS SANTOS (SANTANDER)
5006	Oct 18 2017	10:54: 2.2	6.82	-73.16	148	1.6	0.4	214	18	LOS SANTOS (SANTANDER)
5007	Oct 18 2017	11:17:19.5	6.74	-73.12	138	2.0	0.5	115	28	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5008	Oct 18 2017	13:11:12.8	6.81	-73.14	144	1.8	0.4	111	22	LOS SANTOS (SANTANDER)
5009	Oct 18 2017	13:34:36.8	6.77	-73.11	142	2.4	0.5	97	38	LOS SANTOS (SANTANDER)
5010	Oct 18 2017	13:48: 6.2	2.84	-74.83	Sup	1.3	0.2	128	8	TELLO (HUILA)
5011	Oct 18 2017	14:41:12.5	6.81	-73.12	149	1.6	0.3	241	11	LOS SANTOS (SANTANDER)
5012	Oct 18 2017	14:49:40.8	6.78	-74.09	46	1.2	0.1	100	7	PUERTO PARRA (SANTANDER)
5013	Oct 18 2017	15:06:25.3	6.79	-73.17	142	1.7	0.5	234	16	LOS SANTOS (SANTANDER)
5014	Oct 18 2017	15:42:42.8	4.03	-76.33	131	2.2	0.5	95	21	SAN PEDRO (VALLE)
5015	Oct 18 2017	16:06: 1.8	3.76	-76.97	Sup	1.4	0.3	153	7	BUENAVENTURA (VALLE)
5016	Oct 18 2017	16:38:56.9	5.27	-73.72	152	3.1	0.7	55	57	LENGUAZAQUE (CUNDINAMARCA)
5017	Oct 18 2017	17:38:14.8	6.76	-73.15	146	1.5	0.5	112	17	LOS SANTOS (SANTANDER)
5018	Oct 18 2017	17:47:46.1	3.29	-74.45	15	1.8	0.5	124	16	URIBE (META)
5019	Oct 18 2017	21:02:17.1	2.42	-75.61	Sup	1.5	0.4	123	12	GIGANTE (HUILA)
5020	Oct 18 2017	21:33: 6.4	3.13	-76.44	Sup	1.3	0.3	195	8	VILLA RICA (CAUCA)
5021	Oct 18 2017	21:43:21.6	6.72	-73.10	142	1.5	0.3	172	10	JORDAN (SANTANDER)
5022	Oct 18 2017	22:27:44.1	6.75	-73.19	157	1.3	0.4	228	8	VILLANUEVA (SANTANDER)
5023	Oct 18 2017	22:43:46.8	6.84	-73.20	132	1.5	0.4	127	12	ZAPATOCA (SANTANDER)
5024	Oct 18 2017	22:56:15.9	6.78	-73.16	142	2.2	0.4	111	22	LOS SANTOS (SANTANDER)
5025	Oct 18 2017	23:47:23.7	5.92	-73.60	123	1.6	0.4	93	17	BARBOSA (SANTANDER)
5026	Oct 19 2017	00:09:55.1	8.41	-73.21	115	2.1	0.4	148	17	SAN CALIXTO (N.SANTANDER)
5027	Oct 19 2017	00:11:27.2	6.78	-73.15	147	1.1	0.4	136	9	LOS SANTOS (SANTANDER)
5028	Oct 19 2017	00:42:15.8	5.56	-73.84	129	1.4	0.4	143	16	CALDAS (BOYACA)
5029	Oct 19 2017	02:39:10.3	0.94	-79.55	Sup	4.7*	0.7	205	78	FRONTERA CON ECUADOR
5030	Oct 19 2017	03:36:18.3	4.44	-74.90	Sup	1.4	0.5	98	24	NARINO (CUNDINAMARCA)
5031	Oct 19 2017	03:50: 4.9	6.52	-73.59	109	1.3	0.3	92	12	SANTA HELENA DEL OPOON (SANTANDER)
5032	Oct 19 2017	04:16:47.0	8.69	-73.75	20	1.5	0.6	122	12	REGIDOR (BOLIVAR)
5033	Oct 19 2017	04:29:39.1	4.70	-76.68	20	1.5	0.5	244	9	SIPI (CHOCO)
5034	Oct 19 2017	05:02:34.1	6.88	-73.38	172	1.2	0.4	201	9	SAN VICENTE DE CHUCURI (SANTANDER)
5035	Oct 19 2017	05:30:27.0	5.25	-73.74	150	1.8	0.6	104	23	CUCUNUBA (CUNDINAMARCA)
5036	Oct 19 2017	05:32:16.2	5.64	-74.09	104	1.0	0.2	135	8	SAN PABLO DE BORBUR (BOYACA)
5037	Oct 19 2017	05:35: 2.9	2.35	-75.50	22	0.7	0.1	194	7	GIGANTE (HUILA)
5038	Oct 19 2017	05:54: 6.4	6.76	-73.16	153	1.5	0.3	232	11	LOS SANTOS (SANTANDER)
5039	Oct 19 2017	06:05:59.9	6.82	-73.14	147	3.0	0.8	65	56	LOS SANTOS (SANTANDER)
5040	Oct 19 2017	06:26: 7.9	6.79	-73.14	143	2.5	0.5	101	33	LOS SANTOS (SANTANDER)
5041	Oct 19 2017	07:05:11.2	6.77	-73.13	139	1.1	0.4	139	11	LOS SANTOS (SANTANDER)
5042	Oct 19 2017	07:29:16.5	6.82	-73.17	146	2.3	0.5	108	30	ZAPATOCA (SANTANDER)
5043	Oct 19 2017	09:20:10.0	2.01	-76.15	19	1.1	0.2	154	10	SALADOBLANCO (HUILA)
5044	Oct 19 2017	09:31:26.5	8.51	-73.51	87	1.6	0.3	156	14	EL CARMEN (N.SANTANDER)
5045	Oct 19 2017	09:44: 1.3	6.87	-73.15	145	1.5	0.4	149	10	ZAPATOCA (SANTANDER)
5046	Oct 19 2017	09:50:57.8	6.66	-74.07	Sup	2.1	0.4	82	19	PUERTO PARRA (SANTANDER)
5047	Oct 19 2017	10:00:42.6	6.66	-74.08	9	0.8	0.2	94	10	PUERTO PARRA (SANTANDER)
5048	Oct 19 2017	10:05:33.0	6.79	-73.15	149	1.7	0.4	111	26	LOS SANTOS (SANTANDER)
5049	Oct 19 2017	10:15:26.2	3.78	-77.15	Sup	1.7	0.5	163	20	BUENAVENTURA (VALLE)
5050	Oct 19 2017	10:30:17.9	2.63	-75.16	Sup	1.3	0.3	190	14	RIVERA (HUILA)
5051	Oct 19 2017	10:33:41.5	10.36	-73.21	122	1.6	0.2	202	10	SAN DIEGO (CESAR)
5052	Oct 19 2017	10:34: 7.6	6.38	-73.69	103	0.9	0.3	79	10	SANTA HELENA DEL OPOON (SANTANDER)
5053	Oct 19 2017	10:59:35.7	6.76	-73.13	142	1.2	0.4	235	10	LOS SANTOS (SANTANDER)
5054	Oct 19 2017	11:12:43.2	10.59	-73.42	99	1.8	0.3	197	8	PUEBLO BELLO (CESAR)
5055	Oct 19 2017	11:31:20.8	6.81	-73.13	150	1.8	0.4	137	20	LOS SANTOS (SANTANDER)
5056	Oct 19 2017	11:43: 0.4	6.66	-74.08	Sup	1.0	0.3	149	6	PUERTO PARRA (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5057	Oct 19 2017	12:40:35.7	4.10	-76.65	103	1.3	0.2	204	11	CALIMA (VALLE)
5058	Oct 19 2017	12:44: 0.4	6.71	-73.25	150	1.3	0.3	197	7	GALAN (SANTANDER)
5059	Oct 19 2017	12:50:59.3	6.76	-73.14	143	1.5	0.1	138	12	LOS SANTOS (SANTANDER)
5060	Oct 19 2017	13:32:51.0	2.02	-73.09	Sup	1.3	0.5	274	8	CALAMAR (GUAVIARE)
5061	Oct 19 2017	13:33:11.9	6.47	-76.46	13	1.3	0.1	246	7	URRAO (ANTIOQUIA)
5062	Oct 19 2017	14:08:35.8	6.83	-73.17	145	1.3	0.3	131	10	ZAPATOCA (SANTANDER)
5063	Oct 19 2017	14:41:50.7	5.30	-78.25	32	2.7	0.4	221	37	O. PACIFICO CENTRO
5064	Oct 19 2017	14:49:39.4	6.81	-73.18	145	1.1	0.4	131	9	ZAPATOCA (SANTANDER)
5065	Oct 19 2017	15:48:24.5	4.90	-76.24	94	1.8	0.5	158	16	SAN JOSE DEL PALMAR (CHOCO)
5066	Oct 19 2017	15:56:46.6	5.34	-72.92	Sup	2.0	0.8	67	28	CHAMEZA (CASANARE)
5067	Oct 19 2017	15:58:33.3	7.51	-73.15	130	2.3	0.7	106	24	EL PLAYON (SANTANDER)
5068	Oct 19 2017	16:50:21.4	6.75	-73.19	136	1.0	0.2	132	9	VILLANUEVA (SANTANDER)
5069	Oct 19 2017	17:18:22.8	11.35	-74.59	8	2.2	0.4	240	10	MAR CARIBE
5070	Oct 19 2017	17:34:44.2	9.87	-73.52	Sup	1.9	0.4	133	8	BECERRIL (CESAR)
5071	Oct 19 2017	17:43: 3.9	11.36	-74.61	8	1.8	0.3	260	7	MAR CARIBE
5072	Oct 19 2017	18:49:36.9	6.80	-73.15	138	2.8	0.6	102	45	LOS SANTOS (SANTANDER)
5073	Oct 19 2017	19:21:34.0	6.76	-73.14	136	1.4	0.4	138	10	LOS SANTOS (SANTANDER)
5074	Oct 19 2017	19:23:35.8	6.82	-73.17	146	1.7	0.4	132	19	ZAPATOCA (SANTANDER)
5075	Oct 19 2017	19:30:31.7	6.76	-73.10	138	1.5	0.3	143	8	LOS SANTOS (SANTANDER)
5076	Oct 19 2017	19:33:12.5	6.79	-73.15	145	1.7	0.3	111	12	LOS SANTOS (SANTANDER)
5077	Oct 19 2017	19:34:39.4	5.31	-78.32	Sup	2.2	0.7	233	24	O. PACIFICO CENTRO
5078	Oct 19 2017	21:24:14.6	6.96	-73.19	148	1.6	0.4	122	15	GIRON (SANTANDER)
5079	Oct 19 2017	22:13:54.7	6.77	-73.12	139	1.4	0.2	140	10	LOS SANTOS (SANTANDER)
5080	Oct 19 2017	22:45:54.0	6.81	-73.17	146	2.1	0.5	109	28	LOS SANTOS (SANTANDER)
5081	Oct 19 2017	23:19:27.4	6.75	-73.14	147	1.4	0.3	139	10	LOS SANTOS (SANTANDER)
5082	Oct 19 2017	23:41:31.1	6.56	-73.48	120	1.6	0.2	107	14	EL CARMEN (SANTANDER)
5083	Oct 20 2017	00:29:18.3	6.80	-73.14	153	1.3	0.4	137	10	LOS SANTOS (SANTANDER)
5084	Oct 20 2017	01:07:53.6	6.81	-73.18	144	1.1	0.3	131	8	ZAPATOCA (SANTANDER)
5085	Oct 20 2017	01:16:11.0	5.84	-77.55	10	1.9	0.4	223	11	O. PACIFICO NORTE
5086	Oct 20 2017	01:22: 9.6	7.62	-77.02	53	1.7	0.4	179	7	RIOSUCIO (CHOCO)
5087	Oct 20 2017	01:23:44.6	7.53	-77.19	13	1.5	0.3	182	6	RIOSUCIO (CHOCO)
5088	Oct 20 2017	01:52:45.5	6.13	-73.75	97	0.5	0.5	131	10	EL PENON (SANTANDER)
5089	Oct 20 2017	01:57:15.3	6.80	-73.18	140	0.8	0.1	131	8	ZAPATOCA (SANTANDER)
5090	Oct 20 2017	02:19:38.0	11.68	-70.87	27	3.7	0.9	264	46	MAR CARIBE
5091	Oct 20 2017	02:36:30.1	6.81	-73.16	151	1.2	0.3	237	8	LOS SANTOS (SANTANDER)
5092	Oct 20 2017	03:02:59.2	6.74	-73.60	98	0.8	0.6	213	7	EL CARMEN (SANTANDER)
5093	Oct 20 2017	03:09:29.2	7.28	-78.03	12	1.7	0.5	239	7	O. PACIFICO NORTE
5094	Oct 20 2017	04:18:41.7	6.80	-73.15	148	1.2	0.4	135	9	LOS SANTOS (SANTANDER)
5095	Oct 20 2017	04:26: 5.3	6.77	-73.14	150	1.4	0.4	138	15	LOS SANTOS (SANTANDER)
5096	Oct 20 2017	04:46:38.8	6.78	-73.12	142	1.7	0.6	141	20	LOS SANTOS (SANTANDER)
5097	Oct 20 2017	05:46:16.2	6.80	-73.16	144	2.5	0.5	110	32	LOS SANTOS (SANTANDER)
5098	Oct 20 2017	05:56:52.2	0.32	-77.14	Sup	2.8	0.7	171	23	FRONTERA CON ECUADOR
5099	Oct 20 2017	05:59:35.2	6.80	-73.16	142	1.9	0.4	110	20	LOS SANTOS (SANTANDER)
5100	Oct 20 2017	06:13:58.8	6.44	-73.66	102	1.5	0.5	77	13	SANTA HELENA DEL OPO (SANTANDER)
5101	Oct 20 2017	06:19:54.5	6.79	-73.22	149	0.9	0.4	123	8	ZAPATOCA (SANTANDER)
5102	Oct 20 2017	06:29: 0.6	1.92	-76.04	Sup	1.9	0.5	112	28	PITALITO (HUILA)
5103	Oct 20 2017	06:33:58.8	5.62	-74.08	116	1.4	0.3	177	7	SAN PABLO DE BORBUR (BOYACA)
5104	Oct 20 2017	06:40:59.4	5.86	-72.48	Sup	1.5	0.5	117	15	PISVA (BOYACA)
5105	Oct 20 2017	06:55:39.7	5.24	-73.76	144	1.3	0.4	107	14	CUCUNUBA (CUNDINAMARCA)
5106	Oct 20 2017	07:19:12.1	6.83	-73.06	138	0.8	0.3	145	7	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5107	Oct 20 2017	07:28:10.2	6.80	-73.14	148	0.9	0.5	238	8	LOS SANTOS (SANTANDER)
5108	Oct 20 2017	07:42:40.5	6.80	-73.13	146	1.4	0.3	238	12	LOS SANTOS (SANTANDER)
5109	Oct 20 2017	07:45:27.5	6.50	-73.60	115	0.4	0.4	87	8	SANTA HELENA DEL OPON (SANTANDER)
5110	Oct 20 2017	07:52:53.8	6.81	-73.14	145	1.3	0.4	135	15	LOS SANTOS (SANTANDER)
5111	Oct 20 2017	08:22:28.3	6.74	-73.16	144	1.3	0.5	231	9	LOS SANTOS (SANTANDER)
5112	Oct 20 2017	08:32:54.7	7.04	-76.15	Sup	1.7	0.7	137	10	DABEIBA (ANTIOQUIA)
5113	Oct 20 2017	08:45:51.6	6.71	-73.75	98	1.1	0.4	115	12	EL CARMEN (SANTANDER)
5114	Oct 20 2017	09:43:28.6	6.82	-73.16	147	1.2	0.4	144	8	LOS SANTOS (SANTANDER)
5115	Oct 20 2017	10:20:23.2	6.62	-73.77	87	1.2	0.4	144	12	EL CARMEN (SANTANDER)
5116	Oct 20 2017	10:32:24.6	4.93	-75.51	126	1.1	0.5	153	10	CHINCHINA (CALDAS)
5117	Oct 20 2017	10:36:35.6	6.79	-73.15	141	1.7	0.4	111	23	LOS SANTOS (SANTANDER)
5118	Oct 20 2017	10:38:55.0	10.31	-73.70	72	1.5	0.4	141	11	PUEBLO BELLO (CESAR)
5119	Oct 20 2017	10:58:38.0	6.67	-74.08	Sup	1.9	0.4	84	28	PUERTO PARRA (SANTANDER)
5120	Oct 20 2017	11:20:43.2	4.67	-76.30	40	1.9	0.4	165	32	EL CAIRO (VALLE)
5121	Oct 20 2017	11:44:19.0	6.68	-73.30	146	1.1	0.2	170	8	GALAN (SANTANDER)
5122	Oct 20 2017	11:47: 0.1	6.62	-73.35	147	1.1	0.2	136	7	GALAN (SANTANDER)
5123	Oct 20 2017	11:56:49.2	6.86	-73.13	148	2.6	0.7	70	50	LOS SANTOS (SANTANDER)
5124	Oct 20 2017	12:04:25.9	6.76	-73.11	142	1.6	0.4	116	19	LOS SANTOS (SANTANDER)
5125	Oct 20 2017	12:13:32.7	6.83	-73.17	143	1.7	0.4	131	13	ZAPATOCA (SANTANDER)
5126	Oct 20 2017	12:37:12.7	6.64	-74.07	15	1.2	0.4	143	9	PUERTO PARRA (SANTANDER)
5127	Oct 20 2017	13:04:18.8	6.09	-73.78	99	1.2	0.2	126	9	EL PENON (SANTANDER)
5128	Oct 20 2017	13:06:46.2	5.76	-74.34	13	1.4	0.4	103	17	OTANCHE (BOYACA)
5129	Oct 20 2017	13:13:18.4	6.78	-73.12	143	2.0	0.6	115	26	LOS SANTOS (SANTANDER)
5130	Oct 20 2017	15:42: 2.9	6.72	-73.12	152	1.4	0.3	234	8	JORDAN (SANTANDER)
5131	Oct 20 2017	16:06:36.5	5.67	-74.00	99	1.3	0.5	89	16	PAUNA (BOYACA)
5132	Oct 20 2017	16:10:58.9	6.78	-73.15	141	2.4	0.6	72	38	LOS SANTOS (SANTANDER)
5133	Oct 20 2017	16:14:46.1	6.76	-73.16	138	1.1	0.2	233	8	LOS SANTOS (SANTANDER)
5134	Oct 20 2017	16:20: 6.5	6.77	-73.11	137	1.1	0.3	141	9	LOS SANTOS (SANTANDER)
5135	Oct 20 2017	16:57:30.9	6.69	-73.39	121	1.4	0.4	153	11	EL CARMEN (SANTANDER)
5136	Oct 20 2017	17:32:50.5	5.55	-75.65	88	1.7	0.3	158	15	CARAMANTA (ANTIOQUIA)
5137	Oct 20 2017	18:03: 3.9	6.72	-73.18	140	1.6	0.3	111	12	VILLANUEVA (SANTANDER)
5138	Oct 20 2017	18:21:51.0	6.82	-73.14	145	2.2	0.5	111	33	LOS SANTOS (SANTANDER)
5139	Oct 20 2017	18:30:11.2	6.79	-73.13	145	2.2	0.4	100	34	LOS SANTOS (SANTANDER)
5140	Oct 20 2017	19:01:30.0	6.78	-73.12	143	1.5	0.4	140	12	LOS SANTOS (SANTANDER)
5141	Oct 20 2017	19:07:12.7	6.68	-74.07	8	2.4	0.4	84	32	PUERTO PARRA (SANTANDER)
5142	Oct 20 2017	20:05:56.7	6.80	-73.18	144	1.8	0.5	132	16	ZAPATOCA (SANTANDER)
5143	Oct 20 2017	23:03:15.0	6.78	-73.15	145	2.4	0.3	100	38	LOS SANTOS (SANTANDER)
5144	Oct 20 2017	23:12:19.9	6.72	-73.20	146	1.5	0.2	224	7	VILLANUEVA (SANTANDER)
5145	Oct 20 2017	23:30:50.6	6.94	-76.78	Sup	1.7	0.4	294	10	MURINDO (ANTIOQUIA)
5146	Oct 20 2017	23:51:26.1	6.80	-73.13	149	1.9	0.3	113	28	LOS SANTOS (SANTANDER)
5147	Oct 21 2017	00:24:17.2	5.28	-73.73	148	1.8	0.7	130	20	LENGUAZQUE (CUNDINAMARCA)
5148	Oct 21 2017	00:35:38.7	6.79	-73.13	148	1.4	0.5	138	11	LOS SANTOS (SANTANDER)
5149	Oct 21 2017	00:45:58.4	4.78	-75.99	116	1.1	0.4	121	8	ANSERMANUEVO (VALLE)
5150	Oct 21 2017	01:08:34.2	6.76	-73.14	148	1.4	0.4	139	10	LOS SANTOS (SANTANDER)
5151	Oct 21 2017	01:18:11.4	6.75	-73.13	140	1.1	0.4	140	8	LOS SANTOS (SANTANDER)
5152	Oct 21 2017	01:37:52.3	6.51	-73.56	108	2.3	0.7	99	27	SANTA HELENA DEL OPON (SANTANDER)
5153	Oct 21 2017	01:40:42.6	6.84	-73.32	120	1.8	0.4	57	23	ZAPATOCA (SANTANDER)
5154	Oct 21 2017	02:53:52.3	6.15	-73.74	106	1.3	0.5	101	12	LANDAZURI (SANTANDER)
5155	Oct 21 2017	03:31:44.7	5.74	-75.90	30	2.2	0.7	142	29	HISPANIA (ANTIOQUIA)
5156	Oct 21 2017	03:33:14.0	7.08	-76.79	12	1.8	0.6	272	8	MURINDO (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5157	Oct 21 2017	04:38:51.7	8.93	-73.00	Sup	2.4	0.3	188	10	EL TARRA (N.SANTANDER)
5158	Oct 21 2017	04:45:45.4	5.17	-74.86	22	1.0	0.1	122	7	MARIQUITA (TOLIMA)
5159	Oct 21 2017	04:52:22.4	6.77	-73.15	148	1.4	0.4	234	10	LOS SANTOS (SANTANDER)
5160	Oct 21 2017	05:08:52.5	6.76	-73.11	144	1.2	0.2	142	9	LOS SANTOS (SANTANDER)
5161	Oct 21 2017	05:09:15.2	6.48	-74.33	69	1.3	0.3	131	10	PUERTO BERRIO (ANTIOQUIA)
5162	Oct 21 2017	05:20:46.9	6.76	-73.19	151	0.9	0.3	230	8	LOS SANTOS (SANTANDER)
5163	Oct 21 2017	05:24:13.0	6.74	-73.13	146	1.3	0.4	140	17	LOS SANTOS (SANTANDER)
5164	Oct 21 2017	05:27: 9.0	6.80	-73.11	149	1.2	0.5	140	12	LOS SANTOS (SANTANDER)
5165	Oct 21 2017	05:45:59.5	4.85	-75.82	Sup	1.2	0.7	134	15	LA VIRGINIA (RISARALDA)
5166	Oct 21 2017	06:12:51.0	2.78	-76.63	124	1.8	0.6	115	20	MORALES (CAUCA)
5167	Oct 21 2017	06:21:57.7	6.81	-73.14	147	1.7	0.3	111	15	LOS SANTOS (SANTANDER)
5168	Oct 21 2017	06:39:54.2	11.35	-73.54	16	1.7	0.8	183	11	MAR CARIBE
5169	Oct 21 2017	06:40:14.8	3.94	-76.34	112	1.2	0.2	153	11	BUGA (VALLE)
5170	Oct 21 2017	06:49:46.0	6.78	-73.12	145	1.6	0.5	238	17	LOS SANTOS (SANTANDER)
5171	Oct 21 2017	07:34: 2.5	6.86	-73.13	146	1.1	0.2	281	8	LOS SANTOS (SANTANDER)
5172	Oct 21 2017	07:47: 7.8	1.83	-76.79	Sup	0.6	0.3	179	8	SAN SEBASTIAN (CAUCA)
5173	Oct 21 2017	07:56: 0.4	6.86	-73.10	147	0.8	0.5	249	8	LOS SANTOS (SANTANDER)
5174	Oct 21 2017	08:35:38.5	6.85	-73.09	153	3.7	1.0	57	90	LOS SANTOS (SANTANDER)
5175	Oct 21 2017	08:56: 1.6	6.83	-73.17	143	2.3	0.5	106	29	ZAPATOCA (SANTANDER)
5176	Oct 21 2017	09:02:43.8	6.78	-73.15	149	1.3	0.3	136	10	LOS SANTOS (SANTANDER)
5177	Oct 21 2017	09:18:49.5	7.54	-73.04	156	1.5	0.1	212	10	EL PLAYON (SANTANDER)
5178	Oct 21 2017	09:40:13.2	6.84	-73.30	119	1.3	0.2	135	8	ZAPATOCA (SANTANDER)
5179	Oct 21 2017	10:50:10.7	6.64	-74.06	Sup	1.2	0.3	143	9	PUERTO PARRA (SANTANDER)
5180	Oct 21 2017	11:00:32.9	1.93	-76.13	Sup	1.2	0.5	114	14	ISNOS (HUILA)
5181	Oct 21 2017	11:34:53.7	6.81	-73.17	141	1.0	0.2	132	9	ZAPATOCA (SANTANDER)
5182	Oct 21 2017	11:55:42.1	6.79	-73.21	150	1.2	0.3	230	7	ZAPATOCA (SANTANDER)
5183	Oct 21 2017	13:23:46.3	6.79	-73.12	152	1.4	0.4	114	15	LOS SANTOS (SANTANDER)
5184	Oct 21 2017	13:55:54.0	6.73	-73.17	140	1.8	0.4	205	16	VILLANUEVA (SANTANDER)
5185	Oct 21 2017	14:58:39.6	6.74	-73.18	147	1.3	0.3	229	9	VILLANUEVA (SANTANDER)
5186	Oct 21 2017	15:43:44.4	6.63	-74.18	24	1.3	0.4	128	11	PUERTO PARRA (SANTANDER)
5187	Oct 21 2017	15:52:16.8	6.57	-73.29	142	1.1	0.4	129	8	HATO (SANTANDER)
5188	Oct 21 2017	15:58:16.3	6.87	-74.37	53	1.3	0.5	121	12	REMEDIOS (ANTIOQUIA)
5189	Oct 21 2017	16:05:13.0	6.65	-74.07	Sup	2.0	0.7	82	20	PUERTO PARRA (SANTANDER)
5190	Oct 21 2017	16:06:38.3	6.15	-74.71	32	1.1	0.7	255	7	PUERTO NARE (ANTIOQUIA)
5191	Oct 21 2017	16:41:44.7	6.79	-73.16	142	1.8	0.5	111	20	LOS SANTOS (SANTANDER)
5192	Oct 21 2017	16:49:47.4	6.78	-73.15	144	2.4	0.5	112	40	LOS SANTOS (SANTANDER)
5193	Oct 21 2017	18:08:57.2	6.66	-74.06	Sup	2.5	0.5	82	38	PUERTO PARRA (SANTANDER)
5194	Oct 21 2017	19:01:25.1	6.64	-74.11	26	1.0	0.7	134	7	PUERTO PARRA (SANTANDER)
5195	Oct 21 2017	19:15:17.9	6.78	-73.15	144	1.8	0.4	136	13	LOS SANTOS (SANTANDER)
5196	Oct 21 2017	19:30:38.4	6.78	-73.19	141	1.2	0.2	143	8	ZAPATOCA (SANTANDER)
5197	Oct 21 2017	19:44:37.6	6.80	-73.15	147	1.9	0.3	111	23	LOS SANTOS (SANTANDER)
5198	Oct 21 2017	21:07:54.2	6.65	-74.06	10	2.2	0.5	82	20	PUERTO PARRA (SANTANDER)
5199	Oct 21 2017	21:54:54.3	6.76	-73.10	Sup	1.2	0.4	143	10	LOS SANTOS (SANTANDER)
5200	Oct 21 2017	22:07:39.2	2.43	-75.59	27	1.2	0.1	126	10	GIGANTE (HUILA)
5201	Oct 21 2017	22:07:42.6	4.43	-76.32	20	1.8	0.6	118	20	EL DOVIO (VALLE)
5202	Oct 21 2017	22:18:52.2	6.75	-73.15	144	1.6	0.4	137	14	LOS SANTOS (SANTANDER)
5203	Oct 21 2017	22:21:44.3	4.51	-75.13	32	1.1	0.1	152	8	ANZOATEGUI (TOLIMA)
5204	Oct 21 2017	22:24:10.6	6.75	-73.14	139	1.6	0.4	113	21	LOS SANTOS (SANTANDER)
5205	Oct 21 2017	22:56:57.3	6.78	-73.15	140	1.3	0.2	136	10	LOS SANTOS (SANTANDER)
5206	Oct 21 2017	23:38: 7.3	6.81	-73.15	150	1.3	0.4	135	13	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5207	Oct 22 2017	00:01:53.2	6.66	-74.09	12	1.7	0.3	150	12	PUERTO PARRA (SANTANDER)
5208	Oct 22 2017	00:27:55.8	6.67	-74.08	10	1.3	0.6	83	14	PUERTO PARRA (SANTANDER)
5209	Oct 22 2017	01:25:47.1	6.78	-73.13	146	1.3	0.4	113	10	LOS SANTOS (SANTANDER)
5210	Oct 22 2017	01:31:33.4	6.77	-73.15	147	1.4	0.4	112	12	LOS SANTOS (SANTANDER)
5211	Oct 22 2017	02:03: 5.2	0.68	-77.86	Sup	2.1	0.8	124	17	FRONTERA CON ECUADOR
5212	Oct 22 2017	02:34: 8.7	3.27	-74.32	Sup	2.2	0.5	170	23	URIBE (META)
5213	Oct 22 2017	02:37:36.0	6.79	-73.15	139	1.8	0.4	111	22	LOS SANTOS (SANTANDER)
5214	Oct 22 2017	02:46:53.8	5.68	-73.99	112	1.1	0.5	88	10	PAUNA (BOYACA)
5215	Oct 22 2017	02:51:12.6	6.77	-73.09	133	1.5	0.6	118	15	LOS SANTOS (SANTANDER)
5216	Oct 22 2017	02:57:31.0	6.78	-73.17	149	0.9	0.3	134	8	LOS SANTOS (SANTANDER)
5217	Oct 22 2017	03:16: 6.2	6.84	-73.14	151	1.1	0.4	241	8	LOS SANTOS (SANTANDER)
5218	Oct 22 2017	04:07:23.6	6.77	-73.14	146	1.2	0.2	235	9	LOS SANTOS (SANTANDER)
5219	Oct 22 2017	04:12: 7.8	4.79	-76.58	70	1.5	0.5	249	13	SIPI (CHOCO)
5220	Oct 22 2017	04:24: 1.2	5.35	-72.39	52	2.9	0.6	138	35	YOPAL (CASANARE)
5221	Oct 22 2017	04:39:10.0	6.60	-73.08	174	1.5	0.5	201	11	CURITI (SANTANDER)
5222	Oct 22 2017	04:47:38.9	6.02	-74.21	85	1.0	0.2	175	7	LA BELLEZA (SANTANDER)
5223	Oct 22 2017	04:49:20.4	6.78	-73.13	149	1.3	0.3	238	8	LOS SANTOS (SANTANDER)
5224	Oct 22 2017	05:24:20.4	2.66	-75.06	Sup	1.4	0.6	104	14	RIVERA (HUILA)
5225	Oct 22 2017	05:30: 6.6	2.62	-74.30	Sup	1.1	0.7	190	8	URIBE (META)
5226	Oct 22 2017	06:55:28.7	11.10	-73.78	Sup	1.6	0.6	177	8	PUEBLO BELLO (CESAR)
5227	Oct 22 2017	07:54:39.9	10.26	-73.77	85	1.8	0.4	178	10	EL COPEY (CESAR)
5228	Oct 22 2017	09:16:27.1	8.00	-72.03	Sup	2.3	0.9	152	19	FRONTERA CON VENEZUELA
5229	Oct 22 2017	09:37:12.8	6.76	-73.15	146	1.6	0.5	112	14	LOS SANTOS (SANTANDER)
5230	Oct 22 2017	09:39:13.9	6.77	-73.13	141	1.4	0.4	114	14	LOS SANTOS (SANTANDER)
5231	Oct 22 2017	09:57:53.4	6.97	-73.15	147	1.7	0.4	125	15	GIRON (SANTANDER)
5232	Oct 22 2017	10:02:18.6	6.82	-73.20	129	1.0	0.4	233	9	ZAPATOCA (SANTANDER)
5233	Oct 22 2017	10:12:25.5	6.80	-73.14	146	1.4	0.3	112	16	LOS SANTOS (SANTANDER)
5234	Oct 22 2017	10:31:27.0	6.70	-73.11	145	1.3	0.4	233	11	JORDAN (SANTANDER)
5235	Oct 22 2017	10:55:54.5	1.22	-79.22	Sup	2.0	0.4	232	20	O. PACIFICO SUR
5236	Oct 22 2017	11:02:51.1	6.77	-73.15	142	1.5	0.4	111	19	LOS SANTOS (SANTANDER)
5237	Oct 22 2017	11:48:52.4	6.79	-73.18	147	1.5	0.3	232	12	ZAPATOCA (SANTANDER)
5238	Oct 22 2017	11:52:16.3	6.87	-73.37	121	1.5	0.5	202	14	SAN VICENTE DE CHUCURI (SANTANDER)
5239	Oct 22 2017	12:30:46.2	3.46	-74.27	Sup	1.6	0.5	137	20	URIBE (META)
5240	Oct 22 2017	12:31:23.3	6.55	-73.18	140	1.1	0.3	171	7	PINCHOTE (SANTANDER)
5241	Oct 22 2017	13:19:10.7	7.08	-75.92	22	1.6	0.1	189	7	PEQUE (ANTIOQUIA)
5242	Oct 22 2017	14:00:31.3	6.79	-73.16	149	1.9	0.4	211	24	LOS SANTOS (SANTANDER)
5243	Oct 22 2017	14:19:39.8	6.84	-73.13	138	1.3	0.4	243	11	LOS SANTOS (SANTANDER)
5244	Oct 22 2017	15:11:32.0	6.79	-73.17	151	1.4	0.2	233	8	LOS SANTOS (SANTANDER)
5245	Oct 22 2017	15:34:31.3	5.53	-72.61	Sup	1.8	0.6	78	22	LABRANZAGRANDE (BOYACA)
5246	Oct 22 2017	15:39: 8.1	6.73	-73.20	145	1.5	0.4	225	10	VILLANUEVA (SANTANDER)
5247	Oct 22 2017	17:03:12.0	7.56	-72.94	118	1.5	0.4	277	10	ARBOLEDAS (N.SANTANDER)
5248	Oct 22 2017	17:04:56.9	6.85	-73.32	116	1.7	0.5	209	16	BETULIA (SANTANDER)
5249	Oct 22 2017	17:31:42.2	4.30	-75.94	158	3.0	0.8	83	82	SEVILLA (VALLE)
5250	Oct 22 2017	19:12:48.1	6.67	-73.26	140	1.5	0.5	182	14	GALAN (SANTANDER)
5251	Oct 22 2017	19:33:51.2	6.78	-73.15	142	1.2	0.2	236	8	LOS SANTOS (SANTANDER)
5252	Oct 22 2017	19:46:24.5	6.67	-73.24	149	1.3	0.3	194	8	BARICHARA (SANTANDER)
5253	Oct 22 2017	19:47:20.1	6.78	-73.14	143	2.0	0.5	212	26	LOS SANTOS (SANTANDER)
5254	Oct 22 2017	23:13:40.0	7.58	-73.11	150	2.0	0.2	213	16	EL PLAYON (SANTANDER)
5255	Oct 22 2017	23:20:30.1	2.05	-75.74	Sup	1.1	0.1	130	8	GUADALUPE (HUILA)
5256	Oct 23 2017	00:19:53.7	6.65	-74.06	Sup	2.5	0.7	56	45	PUERTO PARRA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5257	Oct 23 2017	00:44:45.0	6.66	-74.08	Sup	1.4	0.6	149	15	PUERTO PARRA (SANTANDER)
5258	Oct 23 2017	00:46: 7.6	6.64	-74.06	12	0.9	0.1	127	10	PUERTO PARRA (SANTANDER)
5259	Oct 23 2017	00:56:12.3	6.65	-74.07	Sup	1.5	0.5	88	15	PUERTO PARRA (SANTANDER)
5260	Oct 23 2017	01:02:33.9	6.67	-74.10	Sup	1.2	0.4	86	13	PUERTO PARRA (SANTANDER)
5261	Oct 23 2017	01:25:12.4	6.66	-74.09	Sup	1.7	0.7	83	25	PUERTO PARRA (SANTANDER)
5262	Oct 23 2017	01:42:15.7	6.67	-74.09	Sup	1.1	0.1	122	8	PUERTO PARRA (SANTANDER)
5263	Oct 23 2017	01:54: 4.0	5.78	-72.22	Sup	1.5	0.6	143	19	TAMARA (CASANARE)
5264	Oct 23 2017	02:07:14.4	6.80	-73.13	146	1.9	0.6	113	28	LOS SANTOS (SANTANDER)
5265	Oct 23 2017	02:23:49.0	5.87	-73.86	107	1.4	0.5	66	20	JESUS MARIA (SANTANDER)
5266	Oct 23 2017	04:07:15.3	5.26	-73.72	148	2.5	0.9	39	48	CUCUNUBA (CUNDINAMARCA)
5267	Oct 23 2017	04:11:50.4	6.97	-74.07	78	2.0	0.4	127	22	YONDO (ANTIOQUIA)
5268	Oct 23 2017	04:29:35.2	2.65	-74.37	Sup	1.3	0.4	160	8	URIBE (META)
5269	Oct 23 2017	05:01:25.3	3.96	-75.94	48	0.9	0.1	183	8	TULUA (VALLE)
5270	Oct 23 2017	05:15:32.4	3.81	-76.21	97	1.7	0.5	115	20	GINEBRA (VALLE)
5271	Oct 23 2017	05:20:17.6	6.79	-73.11	158	1.2	0.1	283	8	LOS SANTOS (SANTANDER)
5272	Oct 23 2017	05:26:38.9	6.79	-73.09	142	1.7	0.5	242	18	LOS SANTOS (SANTANDER)
5273	Oct 23 2017	05:39: 5.0	6.27	-73.68	116	1.2	0.3	89	13	SANTA HELENA DEL OPON (SANTANDER)
5274	Oct 23 2017	05:44:20.8	6.84	-73.16	147	2.1	0.6	108	29	ZAPATOCA (SANTANDER)
5275	Oct 23 2017	06:02:23.8	8.64	-74.27	15	1.7	0.5	122	15	TIQUISIO (BOLIVAR)
5276	Oct 23 2017	06:11:26.8	6.53	-73.07	161	1.2	0.3	228	11	SAN GIL (SANTANDER)
5277	Oct 23 2017	06:11:26.8	6.53	-73.07	161	1.2	0.3	228	11	SAN GIL (SANTANDER)
5278	Oct 23 2017	06:31:47.3	6.85	-73.32	125	1.9	0.5	109	31	BETULIA (SANTANDER)
5279	Oct 23 2017	06:37:36.1	6.85	-73.14	154	2.2	0.8	141	33	LOS SANTOS (SANTANDER)
5280	Oct 23 2017	06:43:26.7	6.80	-73.12	146	2.8	0.6	67	58	LOS SANTOS (SANTANDER)
5281	Oct 23 2017	07:08:11.1	6.76	-73.18	148	1.3	0.4	231	14	LOS SANTOS (SANTANDER)
5282	Oct 23 2017	07:14:42.0	6.66	-74.07	Sup	2.0	0.5	83	29	PUERTO PARRA (SANTANDER)
5283	Oct 23 2017	07:33:56.6	6.80	-73.08	146	1.3	0.3	270	8	LOS SANTOS (SANTANDER)
5284	Oct 23 2017	07:43:36.5	6.86	-73.13	150	3.2	0.8	65	70	LOS SANTOS (SANTANDER)
5285	Oct 23 2017	07:58:29.3	3.71	-77.10	21	1.3	0.6	162	10	BUENAVENTURA (VALLE)
5286	Oct 23 2017	08:00:33.5	6.82	-73.15	149	1.6	0.4	214	17	LOS SANTOS (SANTANDER)
5287	Oct 23 2017	08:05:42.2	8.52	-72.92	Sup	2.6	0.9	80	40	EL TARRA (N.SANTANDER)
5288	Oct 23 2017	08:13:23.8	4.01	-76.39	122	1.2	0.2	168	8	CALIMA (VALLE)
5289	Oct 23 2017	08:20:50.9	6.82	-73.13	149	2.7	0.6	74	49	LOS SANTOS (SANTANDER)
5290	Oct 23 2017	08:46:15.7	6.64	-73.17	147	1.1	0.1	239	8	VILLANUEVA (SANTANDER)
5291	Oct 23 2017	09:12:15.7	6.63	-74.10	Sup	1.1	0.5	90	11	PUERTO PARRA (SANTANDER)
5292	Oct 23 2017	09:20:31.6	7.14	-75.99	Sup	0.8	0.5	129	7	PEQUE (ANTIOQUIA)
5293	Oct 23 2017	09:33:27.6	6.41	-73.61	104	0.8	0.4	144	8	SANTA HELENA DEL OPON (SANTANDER)
5294	Oct 23 2017	09:34:44.6	6.70	-73.19	141	1.4	0.5	200	15	VILLANUEVA (SANTANDER)
5295	Oct 23 2017	09:51:46.3	6.82	-73.16	143	0.9	0.2	246	7	LOS SANTOS (SANTANDER)
5296	Oct 23 2017	10:06:25.2	7.24	-72.61	Sup	1.4	0.5	177	11	CACOTA (N.SANTANDER)
5297	Oct 23 2017	10:08:50.7	6.01	-73.41	137	1.0	0.5	224	9	CHITARAQUE (BOYACA)
5298	Oct 23 2017	10:21: 5.1	6.81	-73.16	142	1.8	0.5	213	17	LOS SANTOS (SANTANDER)
5299	Oct 23 2017	10:34:30.7	7.01	-73.43	116	1.5	0.4	219	8	SAN VICENTE DE CHUCURI (SANTANDER)
5300	Oct 23 2017	10:53:40.8	6.79	-73.04	147	1.5	0.3	247	9	LOS SANTOS (SANTANDER)
5301	Oct 23 2017	11:21:24.3	6.82	-73.15	145	2.6	0.5	104	37	LOS SANTOS (SANTANDER)
5302	Oct 23 2017	12:11:37.4	6.79	-73.13	142	2.3	0.6	100	29	LOS SANTOS (SANTANDER)
5303	Oct 23 2017	12:59:39.0	5.79	-72.99	Sup	1.3	0.7	270	7	TIBASOSA (BOYACA)
5304	Oct 23 2017	14:05:28.6	6.02	-76.74	9	1.6	0.4	295	9	MEDIO ATRATO (CHOCO)
5305	Oct 23 2017	14:26: 9.4	6.65	-74.09	Sup	1.1	0.4	136	8	PUERTO PARRA (SANTANDER)
5306	Oct 23 2017	14:46:34.0	2.41	-75.38	16	1.4	0.5	184	11	ALGECIRAS (HUILA)
5307	Oct 23 2017	15:12:27.7	6.79	-73.11	146	1.8	0.3	141	13	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5308	Oct 23 2017	15:39:51.2	6.79	-73.12	142	1.7	0.3	139	8	LOS SANTOS (SANTANDER)
5309	Oct 23 2017	16:28:35.9	6.83	-73.22	147	1.2	0.5	149	9	ZAPATOCA (SANTANDER)
5310	Oct 23 2017	16:38:29.5	6.75	-73.17	150	1.2	0.3	135	9	LOS SANTOS (SANTANDER)
5311	Oct 23 2017	17:19:24.2	5.52	-78.50	13	2.2	0.4	314	10	O. PACIFICO NORTE
5312	Oct 23 2017	17:48:27.4	6.67	-74.07	10	1.2	0.5	94	12	PUERTO PARRA (SANTANDER)
5313	Oct 23 2017	18:58:11.2	5.40	-73.76	128	1.4	0.2	123	12	FUQUENE (CUNDINAMARCA)
5314	Oct 23 2017	22:04:10.5	4.14	-76.20	148	3.2	0.7	43	85	ANDALUCIA (VALLE)
5315	Oct 23 2017	22:12:25.7	4.67	-76.49	69	2.3	0.5	79	40	SIPI (CHOCO)
5316	Oct 23 2017	22:48:18.2	5.36	-72.71	Sup	1.1	0.6	120	10	PAJARITO (BOYACA)
5317	Oct 23 2017	23:32:10.1	6.79	-73.13	137	1.4	0.4	139	10	LOS SANTOS (SANTANDER)
5318	Oct 24 2017	00:02:21.4	2.47	-75.50	18	1.3	0.3	150	15	GIGANTE (HUILA)
5319	Oct 24 2017	00:14:23.2	6.78	-73.15	143	1.4	0.3	136	10	LOS SANTOS (SANTANDER)
5320	Oct 24 2017	01:08:36.0	5.23	-74.72	Sup	0.8	0.5	175	9	HONDA (TOLIMA)
5321	Oct 24 2017	01:12:24.1	2.91	-75.69	Sup	1.1	0.4	129	14	SANTA MARIA (HUILA)
5322	Oct 24 2017	01:50:46.0	6.77	-73.14	152	1.3	0.4	138	12	LOS SANTOS (SANTANDER)
5323	Oct 24 2017	02:07:42.8	4.66	-74.79	Sup	2.3	0.9	69	35	PULI (CUNDINAMARCA)
5324	Oct 24 2017	02:29:24.0	6.65	-74.07	Sup	1.6	0.7	81	17	PUERTO PARRA (SANTANDER)
5325	Oct 24 2017	02:36:29.8	6.68	-74.09	14	0.9	0.3	121	8	PUERTO PARRA (SANTANDER)
5326	Oct 24 2017	02:50:23.2	2.15	-75.51	20	0.8	0.2	168	7	GARZON (HUILA)
5327	Oct 24 2017	02:57: 4.9	5.94	-73.78	104	0.7	0.5	131	10	SUCRE (SANTANDER)
5328	Oct 24 2017	03:52:17.4	6.65	-74.08	Sup	1.1	0.3	220	6	PUERTO PARRA (SANTANDER)
5329	Oct 24 2017	03:57:51.5	4.77	-77.64	48	1.6	0.4	259	8	O. PACIFICO CENTRO
5330	Oct 24 2017	04:13:40.5	2.44	-75.55	Sup	1.0	0.4	138	12	GIGANTE (HUILA)
5331	Oct 24 2017	04:29:12.5	8.33	-73.66	10	1.5	0.5	179	12	AGUACHICA (CESAR)
5332	Oct 24 2017	04:43:13.3	5.94	-77.70	10	2.7	0.7	137	27	O. PACIFICO NORTE
5333	Oct 24 2017	04:56:28.3	6.70	-73.12	142	1.1	0.3	175	8	JORDAN (SANTANDER)
5334	Oct 24 2017	05:05:37.7	6.75	-73.11	144	1.2	0.2	169	9	LOS SANTOS (SANTANDER)
5335	Oct 24 2017	05:14: 1.4	6.80	-73.15	146	1.8	0.6	111	20	LOS SANTOS (SANTANDER)
5336	Oct 24 2017	05:23: 9.5	6.82	-73.14	151	2.1	0.7	111	30	LOS SANTOS (SANTANDER)
5337	Oct 24 2017	05:32: 6.3	6.67	-76.36	Sup	1.0	0.3	256	7	FRONTINO (ANTIOQUIA)
5338	Oct 24 2017	05:35:57.8	6.63	-73.65	102	1.0	0.4	122	9	EL CARMEN (SANTANDER)
5339	Oct 24 2017	06:06:18.5	6.71	-74.34	62	0.8	0.2	115	10	PUERTO BERRIO (ANTIOQUIA)
5340	Oct 24 2017	06:30:58.6	6.83	-73.07	146	1.0	0.4	270	8	LOS SANTOS (SANTANDER)
5341	Oct 24 2017	06:59: 7.1	7.52	-72.09	Sup	1.4	0.3	269	12	FRONTERA CON VENEZUELA
5342	Oct 24 2017	07:41:55.4	6.84	-73.34	126	1.0	0.5	107	10	SAN VICENTE DE CHUCURI (SANTANDER)
5343	Oct 24 2017	08:18:20.8	6.76	-73.11	144	1.0	0.2	167	9	LOS SANTOS (SANTANDER)
5344	Oct 24 2017	08:22:27.5	4.49	-76.27	119	1.5	0.6	161	13	EL DOVIO (VALLE)
5345	Oct 24 2017	08:32:12.5	6.77	-73.15	145	1.1	0.5	149	9	LOS SANTOS (SANTANDER)
5346	Oct 24 2017	09:11:50.5	6.70	-76.64	17	2.3	0.7	125	33	VIGIA DEL FUERTE (ANTIOQUIA)
5347	Oct 24 2017	09:17:39.9	6.67	-74.09	Sup	0.9	0.2	122	9	PUERTO PARRA (SANTANDER)
5348	Oct 24 2017	09:22:28.3	6.80	-73.14	142	1.3	0.5	111	12	LOS SANTOS (SANTANDER)
5349	Oct 24 2017	09:33:24.9	6.80	-73.14	145	1.8	0.5	112	25	LOS SANTOS (SANTANDER)
5350	Oct 24 2017	09:38: 9.5	6.35	-73.65	103	1.2	0.6	110	10	SANTA HELENA DEL OPO (SANTANDER)
5351	Oct 24 2017	09:46:30.3	7.22	-77.06	20	1.4	0.6	292	10	RIOSUCIO (CHOCO)
5352	Oct 24 2017	09:51:38.0	5.94	-77.70	Sup	2.8	0.6	143	23	O. PACIFICO NORTE
5353	Oct 24 2017	11:42: 3.1	6.81	-73.12	144	2.7	0.6	72	42	LOS SANTOS (SANTANDER)
5354	Oct 24 2017	12:34:24.2	5.23	-77.55	Sup	1.7	0.5	280	11	O. PACIFICO CENTRO
5355	Oct 24 2017	13:46: 7.2	6.82	-73.14	146	2.3	0.6	111	43	LOS SANTOS (SANTANDER)
5356	Oct 24 2017	14:11:44.6	6.70	-73.07	145	1.1	0.3	193	8	JORDAN (SANTANDER)
5357	Oct 24 2017	14:17: 4.3	6.84	-73.16	145	2.2	0.5	63	32	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5358	Oct 24 2017	15:38:51.1	2.94	-74.76	Sup	1.3	0.2	274	9	BARAYA (HUILA)
5359	Oct 24 2017	15:45:59.0	3.93	-76.92	30	1.5	0.2	120	10	BUENAVENTURA (VALLE)
5360	Oct 24 2017	15:55:10.8	6.64	-73.12	137	0.9	0.2	199	8	VILLANUEVA (SANTANDER)
5361	Oct 24 2017	15:57: 9.7	5.95	-73.87	109	1.6	0.2	197	10	SUCRE (SANTANDER)
5362	Oct 24 2017	16:23:37.5	5.74	-73.89	100	2.5	0.6	69	43	ALBANIA (SANTANDER)
5363	Oct 24 2017	18:05:46.7	3.69	-76.02	Sup	0.9	0.2	145	8	GINEBRA (VALLE)
5364	Oct 24 2017	18:16:15.2	3.61	-76.94	43	1.6	0.2	170	8	DAGUA (VALLE)
5365	Oct 24 2017	18:27:20.2	6.82	-73.14	147	2.0	0.5	111	26	LOS SANTOS (SANTANDER)
5366	Oct 24 2017	18:32:14.1	2.07	-75.72	Sup	1.3	0.5	106	12	ALTAMIRA (HUILA)
5367	Oct 24 2017	18:40:48.5	1.95	-79.17	17	2.4	0.8	237	12	O. PACIFICO SUR
5368	Oct 24 2017	18:43: 4.1	5.77	-74.79	Sup	2.3	0.9	72	36	PUERTO TRIUNFO (ANTIOQUIA)
5369	Oct 24 2017	19:10:38.6	6.77	-73.12	138	1.9	0.5	141	20	LOS SANTOS (SANTANDER)
5370	Oct 24 2017	19:31:22.6	6.79	-73.15	141	1.8	0.5	111	22	LOS SANTOS (SANTANDER)
5371	Oct 24 2017	22:37:51.9	6.91	-76.16	Sup	2.1	0.8	154	15	URAMITA (ANTIOQUIA)
5372	Oct 24 2017	22:43:27.6	4.96	-74.80	Sup	1.2	0.5	189	10	ARMERO (TOLIMA)
5373	Oct 25 2017	00:07: 7.4	6.81	-73.14	146	1.7	0.5	112	22	LOS SANTOS (SANTANDER)
5374	Oct 25 2017	00:13:47.5	6.82	-73.12	146	2.2	0.6	113	41	LOS SANTOS (SANTANDER)
5375	Oct 25 2017	00:26:38.5	4.78	-76.14	94	1.6	0.4	111	26	ARGELIA (VALLE)
5376	Oct 25 2017	00:59:21.3	6.52	-73.48	138	1.0	0.4	191	8	SIMACOTA (SANTANDER)
5377	Oct 25 2017	01:38:10.5	6.76	-73.14	145	1.5	0.4	138	22	LOS SANTOS (SANTANDER)
5378	Oct 25 2017	02:12:18.0	6.75	-73.18	141	1.1	0.2	134	10	LOS SANTOS (SANTANDER)
5379	Oct 25 2017	02:53:40.1	4.97	-75.48	Sup	2.0	1.0	104	24	VILLAMARIA (CALDAS)
5380	Oct 25 2017	03:36:17.6	10.76	-73.96	Sup	1.1	0.5	120	8	PUEBLO BELLO (CESAR)
5381	Oct 25 2017	03:50:13.8	4.98	-75.49	9	0.9	0.4	119	10	VILLAMARIA (CALDAS)
5382	Oct 25 2017	04:17: 2.4	4.96	-75.45	10	0.7	0.6	153	12	VILLAMARIA (CALDAS)
5383	Oct 25 2017	04:20:43.1	6.78	-73.15	140	1.4	0.2	111	13	LOS SANTOS (SANTANDER)
5384	Oct 25 2017	04:29:36.9	6.79	-73.14	148	1.0	0.3	251	8	LOS SANTOS (SANTANDER)
5385	Oct 25 2017	05:02:51.1	7.11	-76.16	Sup	1.6	0.6	128	10	DABEIBA (ANTIOQUIA)
5386	Oct 25 2017	05:57:12.8	6.79	-73.15	151	1.9	0.5	111	18	LOS SANTOS (SANTANDER)
5387	Oct 25 2017	05:58: 4.3	2.55	-75.39	7	2.2	0.6	90	29	HOBO (HUILA)
5388	Oct 25 2017	06:32: 1.1	2.83	-74.87	Sup	1.2	0.2	302	7	TELLO (HUILA)
5389	Oct 25 2017	06:34:28.5	7.11	-77.11	12	2.0	0.6	162	15	RIOSUCIO (CHOCO)
5390	Oct 25 2017	06:47:50.1	7.65	-73.07	150	1.3	0.4	173	12	CACHIRA (N.SANTANDER)
5391	Oct 25 2017	06:51:40.3	5.21	-75.40	17	0.7	0.3	216	8	ARANZAZU (CALDAS)
5392	Oct 25 2017	07:07:13.3	6.79	-73.17	142	2.3	0.5	110	27	LOS SANTOS (SANTANDER)
5393	Oct 25 2017	07:13:59.8	6.71	-73.14	145	0.8	0.3	140	9	VILLANUEVA (SANTANDER)
5394	Oct 25 2017	07:39:57.5	2.22	-75.42	Sup	1.5	0.5	180	14	GARZON (HUILA)
5395	Oct 25 2017	07:52:58.8	6.81	-73.14	143	2.0	0.6	111	30	LOS SANTOS (SANTANDER)
5396	Oct 25 2017	08:07:50.8	6.78	-73.14	145	1.3	0.5	236	12	LOS SANTOS (SANTANDER)
5397	Oct 25 2017	08:59: 4.0	5.74	-75.99	60	1.2	0.2	224	11	BETANIA (ANTIOQUIA)
5398	Oct 25 2017	09:37:12.8	6.80	-73.14	146	1.2	0.4	137	13	LOS SANTOS (SANTANDER)
5399	Oct 25 2017	10:25:57.9	6.78	-73.14	141	1.7	0.6	113	27	LOS SANTOS (SANTANDER)
5400	Oct 25 2017	10:55:33.1	6.69	-74.08	Sup	0.9	0.5	93	12	PUERTO PARRA (SANTANDER)
5401	Oct 25 2017	11:32:44.5	3.86	-76.97	47	1.6	0.2	137	8	BUENAVENTURA (VALLE)
5402	Oct 25 2017	11:57:34.4	7.26	-73.99	17	1.1	0.4	162	9	PUERTO WILCHES (SANTANDER)
5403	Oct 25 2017	11:59:31.6	6.81	-73.13	147	2.0	0.5	113	26	LOS SANTOS (SANTANDER)
5404	Oct 25 2017	12:05: 2.0	6.81	-73.22	137	1.3	0.4	124	10	ZAPATOCA (SANTANDER)
5405	Oct 25 2017	12:20: 1.4	6.72	-71.95	Sup	1.6	0.7	119	12	FORTUL (ARAUCA)
5406	Oct 25 2017	12:36:33.0	5.98	-73.71	117	1.2	0.3	209	10	GUAVATA (SANTANDER)
5407	Oct 25 2017	13:36:28.1	6.13	-72.66	Sup	1.4	0.5	161	14	SATIVANORTE (BOYACA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5408	Oct 25 2017	13:58:16.0	6.86	-76.12	Sup	2.5	0.7	146	30	URAMITA (ANTIOQUIA)
5409	Oct 25 2017	14:21:30.3	6.78	-73.14	144	1.8	0.3	112	19	LOS SANTOS (SANTANDER)
5410	Oct 25 2017	15:34:42.2	4.50	-75.55	137	1.4	0.3	125	10	CALARCA (QUINDIO)
5411	Oct 25 2017	17:03:29.1	6.83	-76.14	Sup	1.9	0.6	179	16	FRONTINO (ANTIOQUIA)
5412	Oct 25 2017	17:18:43.7	4.45	-75.68	Sup	0.9	0.3	254	8	CORDOBA (QUINDIO)
5413	Oct 25 2017	17:19:10.5	4.45	-75.64	Sup	0.9	0.3	247	8	CALARCA (QUINDIO)
5414	Oct 25 2017	19:18:45.6	4.45	-75.96	18	2.2	0.8	74	32	LA VICTORIA (VALLE)
5415	Oct 25 2017	19:22: 4.4	2.08	-76.02	Sup	1.4	0.1	135	8	OPORAPA (HUILA)
5416	Oct 25 2017	19:41:21.1	6.40	-73.66	40	0.9	0.3	135	9	SANTA HELENA DEL OPO (SANTANDER)
5417	Oct 25 2017	19:55: 5.9	2.49	-75.67	Sup	1.6	0.5	101	15	TESALIA (HUILA)
5418	Oct 25 2017	20:46:18.5	6.16	-73.89	8	1.5	0.4	66	21	LANDAZURI (SANTANDER)
5419	Oct 25 2017	21:16:38.2	6.80	-73.39	116	1.8	0.5	99	14	SAN VICENTE DE CHUCURI (SANTANDER)
5420	Oct 25 2017	21:24: 7.2	7.23	-75.04	29	1.3	0.1	177	10	ANORI (ANTIOQUIA)
5421	Oct 25 2017	21:56:56.3	6.82	-73.15	146	2.3	0.5	64	37	LOS SANTOS (SANTANDER)
5422	Oct 25 2017	22:33:50.0	6.78	-73.10	137	1.7	0.4	142	17	LOS SANTOS (SANTANDER)
5423	Oct 25 2017	23:16:49.9	6.76	-73.13	143	1.3	0.3	140	13	LOS SANTOS (SANTANDER)
5424	Oct 25 2017	23:22: 3.2	4.24	-73.93	143	1.5	0.5	214	10	GUTIERREZ (CUNDINAMARCA)
5425	Oct 25 2017	23:23:49.0	6.53	-73.53	110	1.7	0.5	67	20	EL CARMEN (SANTANDER)
5426	Oct 25 2017	23:43:42.8	2.08	-79.13	20	2.3	0.4	271	22	O. PACIFICO SUR
5427	Oct 26 2017	00:24:56.9	6.77	-73.16	145	1.4	0.4	136	9	LOS SANTOS (SANTANDER)
5428	Oct 26 2017	00:28:34.3	6.24	-74.02	20	1.2	0.1	164	10	CIMITARRA (SANTANDER)
5429	Oct 26 2017	00:42:25.9	2.74	-75.03	Sup	1.6	0.2	199	12	RIVERA (HUILA)
5430	Oct 26 2017	00:47:33.7	9.21	-73.53	104	1.5	0.5	262	8	CURUMANI (CESAR)
5431	Oct 26 2017	01:35:41.0	4.83	-74.54	Sup	0.7	0.2	194	7	BITUIMA (CUNDINAMARCA)
5432	Oct 26 2017	01:54:32.8	6.82	-73.15	146	1.9	0.5	110	27	LOS SANTOS (SANTANDER)
5433	Oct 26 2017	02:18:22.7	5.36	-76.86	Sup	2.2	0.5	116	19	EL CANTON DEL SAN PABL (CHOCO)
5434	Oct 26 2017	02:50:11.4	6.97	-76.25	108	1.6	0.3	250	9	DABEIBA (ANTIOQUIA)
5435	Oct 26 2017	02:53:43.1	6.79	-73.11	143	1.1	0.5	140	10	LOS SANTOS (SANTANDER)
5436	Oct 26 2017	02:59:50.3	0.12	-77.38	Sup	1.8	0.9	169	17	FRONTERA CON ECUADOR
5437	Oct 26 2017	03:05:45.2	6.66	-74.07	Sup	0.9	0.1	125	10	PUERTO PARRA (SANTANDER)
5438	Oct 26 2017	03:13: 8.4	6.87	-73.38	121	1.9	0.2	163	10	SAN VICENTE DE CHUCURI (SANTANDER)
5439	Oct 26 2017	03:18:39.8	6.65	-74.08	6	0.7	0.5	126	8	PUERTO PARRA (SANTANDER)
5440	Oct 26 2017	03:37:52.7	2.33	-75.66	17	1.3	0.4	116	9	GIGANTE (HUILA)
5441	Oct 26 2017	03:44: 3.9	6.76	-73.14	139	1.2	0.4	138	9	LOS SANTOS (SANTANDER)
5442	Oct 26 2017	03:56:44.9	6.74	-73.14	151	1.1	0.4	234	7	LOS SANTOS (SANTANDER)
5443	Oct 26 2017	04:00:49.0	6.76	-73.15	148	0.9	0.4	234	8	LOS SANTOS (SANTANDER)
5444	Oct 26 2017	04:12:25.8	6.84	-73.15	146	2.2	0.8	109	28	LOS SANTOS (SANTANDER)
5445	Oct 26 2017	04:22:31.3	1.63	-77.56	122	1.9	0.6	168	17	CUMBITARA (NARINO)
5446	Oct 26 2017	04:47:20.4	6.74	-73.13	145	1.0	0.1	140	6	LOS SANTOS (SANTANDER)
5447	Oct 26 2017	05:09:37.7	6.83	-73.11	152	1.0	0.4	243	8	LOS SANTOS (SANTANDER)
5448	Oct 26 2017	05:40:35.9	6.81	-73.13	151	1.1	0.5	138	11	LOS SANTOS (SANTANDER)
5449	Oct 26 2017	05:49:41.4	4.41	-75.67	11	0.9	0.5	98	17	CORDOBA (QUINDIO)
5450	Oct 26 2017	05:59:57.4	6.79	-76.05	Sup	2.0	0.8	148	14	CANASGORDAS (ANTIOQUIA)
5451	Oct 26 2017	06:01: 1.6	6.83	-73.15	145	1.5	0.5	134	10	LOS SANTOS (SANTANDER)
5452	Oct 26 2017	06:10:55.6	6.77	-73.12	147	1.0	0.3	141	9	LOS SANTOS (SANTANDER)
5453	Oct 26 2017	06:28:52.5	6.79	-73.05	146	1.6	0.7	246	16	LOS SANTOS (SANTANDER)
5454	Oct 26 2017	06:44:48.5	6.66	-74.07	6	1.7	0.4	65	22	PUERTO PARRA (SANTANDER)
5455	Oct 26 2017	06:53: 5.1	6.84	-73.13	149	2.5	0.8	65	52	LOS SANTOS (SANTANDER)
5456	Oct 26 2017	06:57:22.1	6.66	-74.08	Sup	0.8	0.2	149	7	PUERTO PARRA (SANTANDER)
5457	Oct 26 2017	06:57:35.1	6.04	-74.34	67	1.3	0.2	165	7	PUERTO BOYACA (BOYACA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5458	Oct 26 2017	07:03:30.0	6.76	-73.14	134	1.2	0.4	138	12	LOS SANTOS (SANTANDER)
5459	Oct 26 2017	07:05: 2.3	4.79	-76.17	94	1.1	0.4	117	12	EL CAIRO (VALLE)
5460	Oct 26 2017	07:05:34.8	6.83	-73.14	145	1.9	0.7	75	36	LOS SANTOS (SANTANDER)
5461	Oct 26 2017	07:08: 6.1	6.80	-73.13	144	1.2	0.5	138	16	LOS SANTOS (SANTANDER)
5462	Oct 26 2017	07:29:54.9	5.51	-76.72	23	1.3	0.4	282	8	RIO QUITO (CHOCO)
5463	Oct 26 2017	07:35:36.8	6.75	-73.23	144	1.0	0.3	217	8	ZAPATOCA (SANTANDER)
5464	Oct 26 2017	07:56:41.0	6.75	-73.14	141	1.4	0.6	113	20	LOS SANTOS (SANTANDER)
5465	Oct 26 2017	07:59:30.4	10.23	-73.63	96	4.9*	0.7	75	94	PUEBLO BELLO (CESAR)
5466	Oct 26 2017	08:15:49.4	6.51	-74.75	14	1.5	0.7	123	22	MACEO (ANTIOQUIA)
5467	Oct 26 2017	08:27:50.4	7.35	-76.57	130	1.4	0.2	249	6	MUTATA (ANTIOQUIA)
5468	Oct 26 2017	08:46: 8.5	7.88	-73.19	124	1.6	0.5	241	18	ABREGO (N.SANTANDER)
5469	Oct 26 2017	08:58:30.8	6.03	-73.99	40	0.8	0.3	92	12	LA BELLEZA (SANTANDER)
5470	Oct 26 2017	09:03:46.1	10.69	-73.91	18	1.0	0.3	124	11	PUEBLO BELLO (CESAR)
5471	Oct 26 2017	09:23: 6.5	6.86	-73.16	145	1.6	0.3	110	22	ZAPATOCA (SANTANDER)
5472	Oct 26 2017	09:52: 8.5	6.85	-73.16	139	1.1	0.2	255	7	ZAPATOCA (SANTANDER)
5473	Oct 26 2017	10:02:51.1	3.82	-76.68	20	1.8	0.7	95	29	RESTREPO (VALLE)
5474	Oct 26 2017	10:03:16.1	5.33	-72.94	Sup	1.5	0.6	84	15	CHAMEZA (CASANARE)
5475	Oct 26 2017	10:26:49.4	4.16	-76.68	48	1.4	0.4	132	10	CALIMA (VALLE)
5476	Oct 26 2017	10:48:15.6	7.68	-73.71	Sup	1.3	0.4	256	10	SAN PABLO (BOLIVAR)
5477	Oct 26 2017	11:06:53.9	6.18	-73.67	104	1.3	0.3	116	9	LA PAZ (SANTANDER)
5478	Oct 26 2017	12:06:32.0	6.85	-73.22	133	1.1	0.4	123	10	ZAPATOCA (SANTANDER)
5479	Oct 26 2017	12:17:54.5	10.98	-73.55	23	2.1	0.5	140	10	PUEBLO BELLO (CESAR)
5480	Oct 26 2017	12:40:58.7	6.79	-73.11	150	1.0	0.3	141	10	LOS SANTOS (SANTANDER)
5481	Oct 26 2017	12:43:40.4	6.69	-73.12	137	1.0	0.3	144	10	JORDAN (SANTANDER)
5482	Oct 26 2017	13:13:12.6	6.83	-73.10	155	3.3	0.7	57	76	LOS SANTOS (SANTANDER)
5483	Oct 26 2017	13:18: 0.2	6.83	-73.16	145	2.4	0.7	108	38	ZAPATOCA (SANTANDER)
5484	Oct 26 2017	13:20:16.3	4.82	-76.25	98	1.9	0.5	108	24	EL CAIRO (VALLE)
5485	Oct 26 2017	13:24:32.2	6.40	-73.63	19	1.1	0.3	146	10	SANTA HELENA DEL OPO (SANTANDER)
5486	Oct 26 2017	14:11:58.2	6.63	-72.17	Sup	1.6	0.5	155	12	GUICAN (BOYACA)
5487	Oct 26 2017	14:31:44.3	5.61	-73.61	Sup	2.1	0.9	83	30	SUTAMARCHAN (BOYACA)
5488	Oct 26 2017	14:50:33.5	7.12	-75.93	21	1.2	0.5	138	10	PEQUE (ANTIOQUIA)
5489	Oct 26 2017	16:51:19.9	5.17	-73.03	Sup	1.6	0.7	140	18	SAN EDUARDO (BOYACA)
5490	Oct 26 2017	18:04:20.4	6.81	-73.21	145	1.4	0.2	171	9	ZAPATOCA (SANTANDER)
5491	Oct 26 2017	18:44:39.5	7.54	-73.41	109	1.4	0.4	198	10	LA ESPERANZA (N.SANTANDER)
5492	Oct 26 2017	18:47:48.9	6.83	-73.35	125	1.4	0.2	143	8	SAN VICENTE DE CHUCURI (SANTANDER)
5493	Oct 26 2017	19:04:48.0	11.21	-72.61	Sup	1.8	0.5	182	8	MANAURE BALCON CESAR (CESAR)
5494	Oct 26 2017	19:32: 4.3	2.36	-75.40	15	1.6	0.7	177	19	GIGANTE (HUILA)
5495	Oct 26 2017	19:38:39.4	6.78	-73.12	148	1.2	0.4	140	8	LOS SANTOS (SANTANDER)
5496	Oct 26 2017	21:16:11.8	6.64	-74.06	Sup	2.3	0.4	81	18	PUERTO PARRA (SANTANDER)
5497	Oct 26 2017	21:49:11.4	6.55	-73.54	108	2.6	0.5	64	24	EL CARMEN (SANTANDER)
5498	Oct 26 2017	22:40: 7.7	6.82	-73.14	141	2.3	0.5	111	25	LOS SANTOS (SANTANDER)
5499	Oct 27 2017	00:21:24.9	6.74	-73.13	144	1.5	0.3	140	11	LOS SANTOS (SANTANDER)
5500	Oct 27 2017	00:28: 0.6	6.78	-73.14	145	1.4	0.6	137	12	LOS SANTOS (SANTANDER)
5501	Oct 27 2017	01:11:22.1	1.92	-75.92	23	1.7	0.2	146	8	TIMANA (HUILA)
5502	Oct 27 2017	01:11:39.5	6.87	-74.09	16	0.9	0.2	110	8	YONDO (ANTIOQUIA)
5503	Oct 27 2017	01:41:44.5	4.82	-76.19	99	1.1	0.2	122	7	EL CAIRO (VALLE)
5504	Oct 27 2017	02:01:18.6	6.77	-73.10	142	1.2	0.6	143	11	LOS SANTOS (SANTANDER)
5505	Oct 27 2017	02:02:14.0	6.79	-73.12	142	1.4	0.6	140	16	LOS SANTOS (SANTANDER)
5506	Oct 27 2017	02:03:33.9	4.95	-78.28	58	1.9	0.3	312	8	O. PACIFICO CENTRO

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5507	Oct 27 2017	03:00:53.1	6.83	-73.13	147	1.4	0.6	111	17	LOS SANTOS (SANTANDER)
5508	Oct 27 2017	03:29:58.7	8.59	-73.56	92	2.5	0.7	119	33	PELAYA (CESAR)
5509	Oct 27 2017	03:46: 4.5	2.10	-75.67	21	0.7	0.1	137	8	GARZON (HUILA)
5510	Oct 27 2017	03:50:52.1	6.76	-73.15	148	1.2	0.4	137	12	LOS SANTOS (SANTANDER)
5511	Oct 27 2017	04:09:48.1	7.37	-73.16	134	1.1	0.2	210	10	RIONEGRO (SANTANDER)
5512	Oct 27 2017	04:19:48.5	6.80	-73.12	149	1.8	0.7	113	23	LOS SANTOS (SANTANDER)
5513	Oct 27 2017	04:23:39.7	8.40	-72.94	148	1.9	0.3	308	10	HACARI (N.SANTANDER)
5514	Oct 27 2017	04:27:10.3	6.78	-73.10	137	1.4	0.5	142	13	LOS SANTOS (SANTANDER)
5515	Oct 27 2017	04:43:37.1	6.76	-73.15	144	1.5	0.4	96	14	LOS SANTOS (SANTANDER)
5516	Oct 27 2017	04:53:21.1	6.78	-73.14	140	1.1	0.4	237	10	LOS SANTOS (SANTANDER)
5517	Oct 27 2017	04:55:50.3	6.77	-73.14	138	1.0	0.3	235	9	LOS SANTOS (SANTANDER)
5518	Oct 27 2017	05:26:54.7	2.68	-77.01	Sup	1.3	0.7	188	13	LOPEZ (CAUCA)
5519	Oct 27 2017	05:34:26.2	7.26	-76.23	Sup	1.1	0.7	157	8	MUTATA (ANTIOQUIA)
5520	Oct 27 2017	05:39:53.3	6.79	-73.13	149	1.1	0.5	239	11	LOS SANTOS (SANTANDER)
5521	Oct 27 2017	05:49:43.6	6.64	-74.15	25	0.8	0.3	127	9	PUERTO PARRA (SANTANDER)
5522	Oct 27 2017	06:02:39.3	6.79	-73.11	148	0.9	0.2	141	6	LOS SANTOS (SANTANDER)
5523	Oct 27 2017	06:05:51.6	3.72	-77.00	Sup	1.5	0.8	123	19	BUENAVENTURA (VALLE)
5524	Oct 27 2017	06:24: 3.1	6.73	-73.18	147	1.0	0.4	228	8	VILLANUEVA (SANTANDER)
5525	Oct 27 2017	06:29:16.6	8.41	-73.59	12	1.2	0.7	267	11	AGUACHICA (CESAR)
5526	Oct 27 2017	06:48:14.5	6.55	-73.57	108	1.5	0.6	61	18	EL CARMEN (SANTANDER)
5527	Oct 27 2017	07:31: 5.8	3.53	-76.52	134	1.1	0.5	176	12	YUMBO (VALLE)
5528	Oct 27 2017	07:54:40.8	2.25	-75.57	8	1.0	0.4	103	9	GARZON (HUILA)
5529	Oct 27 2017	08:00: 2.1	6.73	-73.14	140	0.9	0.4	233	7	JORDAN (SANTANDER)
5530	Oct 27 2017	08:07:19.3	6.78	-73.13	145	1.0	0.4	237	10	LOS SANTOS (SANTANDER)
5531	Oct 27 2017	08:35:20.0	6.80	-73.15	141	1.1	0.5	135	10	LOS SANTOS (SANTANDER)
5532	Oct 27 2017	08:41: 4.5	6.75	-73.13	147	1.1	0.3	139	13	LOS SANTOS (SANTANDER)
5533	Oct 27 2017	08:50:23.0	7.06	-74.05	Sup	0.6	0.5	146	7	YONDO (ANTIOQUIA)
5534	Oct 27 2017	09:40:39.3	7.36	-74.11	6	1.3	0.3	171	8	CANTAGALLO (BOLIVAR)
5535	Oct 27 2017	10:09:14.3	5.28	-73.77	143	1.3	0.5	91	23	CUCUNUBA (CUNDINAMARCA)
5536	Oct 27 2017	10:15:57.4	6.84	-73.17	141	2.0	0.6	107	36	ZAPATOCA (SANTANDER)
5537	Oct 27 2017	10:25: 4.0	7.81	-73.32	145	1.2	0.3	266	9	SAN ALBERTO (CESAR)
5538	Oct 27 2017	10:27: 7.8	6.82	-73.28	113	0.9	0.3	108	13	ZAPATOCA (SANTANDER)
5539	Oct 27 2017	10:37:33.7	6.88	-73.05	147	1.3	0.3	143	9	PIEDRECUESTA (SANTANDER)
5540	Oct 27 2017	10:42:35.8	6.78	-73.15	144	1.6	0.3	136	12	LOS SANTOS (SANTANDER)
5541	Oct 27 2017	11:16:12.5	2.04	-75.88	Sup	0.7	0.2	131	7	ELIAS (HUILA)
5542	Oct 27 2017	11:35:12.2	6.69	-76.70	16	1.8	0.3	105	20	VIGIA DEL FUERTE (ANTIOQUIA)
5543	Oct 27 2017	12:03:24.0	6.83	-73.13	146	1.8	0.6	112	23	LOS SANTOS (SANTANDER)
5544	Oct 27 2017	12:31:33.3	6.71	-73.19	143	1.5	0.4	224	10	VILLANUEVA (SANTANDER)
5545	Oct 27 2017	12:33:51.6	7.73	-73.75	66	1.2	0.2	303	8	SIMITI (BOLIVAR)
5546	Oct 27 2017	12:36:10.2	6.89	-73.10	146	1.2	0.3	137	10	PIEDRECUESTA (SANTANDER)
5547	Oct 27 2017	12:38:18.9	3.56	-74.98	Sup	1.1	0.3	194	8	DOLORES (TOLIMA)
5548	Oct 27 2017	13:04:30.1	3.91	-76.26	110	1.6	0.4	92	20	BUGA (VALLE)
5549	Oct 27 2017	13:22:17.9	3.82	-77.20	20	1.6	0.5	185	8	O. PACIFICO SUR
5550	Oct 27 2017	13:45: 8.1	6.58	-73.60	63	1.0	0.3	206	8	EL CARMEN (SANTANDER)
5551	Oct 27 2017	14:53:11.8	6.76	-73.12	137	1.5	0.4	140	14	LOS SANTOS (SANTANDER)
5552	Oct 27 2017	15:27: 6.2	6.25	-74.48	58	1.3	0.3	144	13	PUERTO NARE (ANTIOQUIA)
5553	Oct 27 2017	15:54: 2.5	6.82	-73.13	141	1.8	0.5	112	22	LOS SANTOS (SANTANDER)
5554	Oct 27 2017	15:56:55.0	4.99	-75.99	112	2.4	0.7	101	50	LA CELIA (RISARALDA)
5555	Oct 27 2017	16:23:14.7	2.13	-76.08	Sup	1.4	0.4	129	10	LA ARGENTINA (HUILA)
5556	Oct 27 2017	16:58:27.3	2.95	-74.75	20	1.3	0.1	223	8	BARAYA (HUILA)
5557	Oct 27 2017	17:19:46.9	6.84	-73.17	134	1.2	0.5	130	12	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5558	Oct 27 2017	18:00: 6.2	6.76	-73.15	146	1.6	0.5	113	18	LOS SANTOS (SANTANDER)
5559	Oct 27 2017	19:41: 7.5	8.76	-77.03	26	1.8	0.4	184	8	MAR CARIBE
5560	Oct 27 2017	20:32:46.9	5.26	-73.78	142	1.2	0.3	127	8	CUCUNUBA (CUNDINAMARCA)
5561	Oct 27 2017	20:34:33.9	6.79	-73.16	145	1.2	0.3	135	9	LOS SANTOS (SANTANDER)
5562	Oct 27 2017	20:40:22.3	6.98	-76.21	Sup	1.4	0.7	234	7	DABEIBA (ANTIOQUIA)
5563	Oct 27 2017	21:14:40.8	6.81	-73.21	140	1.4	0.3	127	9	ZAPATOCA (SANTANDER)
5564	Oct 27 2017	21:25:50.7	6.77	-73.15	147	1.5	0.4	137	9	LOS SANTOS (SANTANDER)
5565	Oct 27 2017	22:37: 4.4	6.84	-73.15	147	2.4	0.5	109	24	LOS SANTOS (SANTANDER)
5566	Oct 27 2017	23:08:26.4	6.86	-73.08	147	1.7	0.5	115	14	LOS SANTOS (SANTANDER)
5567	Oct 27 2017	23:24:21.7	2.52	-75.61	Sup	1.9	0.2	129	12	TESALIA (HUILA)
5568	Oct 28 2017	00:26:54.6	5.26	-73.72	149	2.6	0.5	94	36	CUCUNUBA (CUNDINAMARCA)
5569	Oct 28 2017	00:47:57.4	5.66	-74.01	111	1.2	0.2	175	8	PAUNA (BOYACA)
5570	Oct 28 2017	01:08:24.6	7.03	-76.75	16	1.3	0.4	279	7	MURINDO (ANTIOQUIA)
5571	Oct 28 2017	01:21:25.1	6.75	-73.18	139	1.4	0.5	110	15	LOS SANTOS (SANTANDER)
5572	Oct 28 2017	01:33:13.0	10.57	-73.07	100	1.2	0.2	150	7	MANAURE BALCON CESAR (CESAR)
5573	Oct 28 2017	01:36:41.3	1.88	-76.26	Sup	0.5	0.5	132	9	SAN AGUSTIN (HUILA)
5574	Oct 28 2017	01:36:46.5	6.76	-73.16	146	1.0	0.6	111	8	LOS SANTOS (SANTANDER)
5575	Oct 28 2017	01:38:24.4	6.77	-73.17	151	1.3	0.5	110	9	LOS SANTOS (SANTANDER)
5576	Oct 28 2017	01:45:48.6	6.67	-73.36	127	1.1	0.2	152	8	GALAN (SANTANDER)
5577	Oct 28 2017	02:15:57.1	8.74	-74.01	17	1.6	0.5	133	12	ALTOS DEL ROSARIO (BOLIVAR)
5578	Oct 28 2017	02:29:49.5	6.77	-73.16	150	1.3	0.2	136	9	LOS SANTOS (SANTANDER)
5579	Oct 28 2017	03:08:26.5	6.72	-73.10	144	1.4	0.1	145	7	JORDAN (SANTANDER)
5580	Oct 28 2017	03:23:51.6	6.78	-73.17	148	1.2	0.4	233	8	LOS SANTOS (SANTANDER)
5581	Oct 28 2017	04:01:31.8	6.81	-73.11	146	1.6	0.7	115	14	LOS SANTOS (SANTANDER)
5582	Oct 28 2017	04:22:54.4	6.84	-73.15	147	2.1	0.8	109	25	LOS SANTOS (SANTANDER)
5583	Oct 28 2017	05:03:40.1	2.14	-76.06	Sup	1.5	0.8	125	14	LA ARGENTINA (HUILA)
5584	Oct 28 2017	05:15:56.5	6.83	-73.12	145	1.8	0.6	113	21	LOS SANTOS (SANTANDER)
5585	Oct 28 2017	05:25:17.7	6.76	-73.14	142	1.5	0.5	138	12	LOS SANTOS (SANTANDER)
5586	Oct 28 2017	05:30:39.9	6.80	-73.17	142	1.2	0.2	109	11	LOS SANTOS (SANTANDER)
5587	Oct 28 2017	05:44:55.8	2.75	-74.82	10	1.1	0.5	227	7	RIVERA (HUILA)
5588	Oct 28 2017	06:09: 4.2	2.05	-75.77	Sup	0.2	0.3	131	7	ALTAMIRA (HUILA)
5589	Oct 28 2017	06:10:35.8	5.27	-74.76	8	1.1	0.5	123	12	HONDA (TOLIMA)
5590	Oct 28 2017	06:40:50.9	3.51	-76.41	134	1.2	0.3	145	13	YUMBO (VALLE)
5591	Oct 28 2017	06:44:54.9	6.58	-76.60	Sup	1.8	0.5	94	20	VIGIA DEL FUERTE (ANTIOQUIA)
5592	Oct 28 2017	07:08:48.3	6.36	-73.25	162	1.1	0.5	242	11	CONFINES (SANTANDER)
5593	Oct 28 2017	07:09:15.5	11.09	-73.46	38	1.5	0.3	152	10	PUEBLO BELLO (CESAR)
5594	Oct 28 2017	07:45: 9.4	10.33	-74.72	20	1.6	0.4	164	10	EL PINON (MAGDALENA)
5595	Oct 28 2017	07:46:52.7	6.38	-73.59	117	2.7	0.8	41	76	SANTA HELENA DEL OPON (SANTANDER)
5596	Oct 28 2017	07:58: 7.9	6.32	-73.56	114	1.5	0.4	73	22	SANTA HELENA DEL OPON (SANTANDER)
5597	Oct 28 2017	08:29:58.0	6.86	-73.14	149	1.2	0.5	134	15	LOS SANTOS (SANTANDER)
5598	Oct 28 2017	08:40:18.6	7.47	-77.10	13	2.5	0.8	109	53	RIOSUCIO (CHOCO)
5599	Oct 28 2017	08:44:31.5	2.36	-75.63	19	0.8	0.2	127	10	GIGANTE (HUILA)
5600	Oct 28 2017	09:03:15.8	6.76	-73.12	150	1.3	0.4	141	17	LOS SANTOS (SANTANDER)
5601	Oct 28 2017	09:05:39.7	7.44	-77.14	14	1.7	0.3	208	11	RIOSUCIO (CHOCO)
5602	Oct 28 2017	10:20:16.8	6.26	-73.72	106	2.1	0.5	52	37	LANDAZURI (SANTANDER)
5603	Oct 28 2017	10:33:28.3	5.28	-73.75	148	1.5	0.5	92	24	CUCUNUBA (CUNDINAMARCA)
5604	Oct 28 2017	10:50:11.1	6.76	-73.11	138	1.4	0.4	142	16	LOS SANTOS (SANTANDER)
5605	Oct 28 2017	10:51:49.4	5.70	-74.45	Sup	0.8	0.5	191	10	PUERTO TRIUNFO (ANTIOQUIA)
5606	Oct 28 2017	10:59:17.0	4.46	-76.69	20	1.3	0.7	225	8	SIPI (CHOCO)
5607	Oct 28 2017	11:07:55.8	6.81	-73.14	133	1.1	0.3	137	10	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5608	Oct 28 2017	11:24: 8.1	6.81	-73.14	146	1.7	0.4	111	20	LOS SANTOS (SANTANDER)
5609	Oct 28 2017	11:59: 3.6	5.21	-74.81	Sup	1.0	0.5	127	8	HONDA (TOLIMA)
5610	Oct 28 2017	12:32: 3.3	6.99	-74.15	13	1.0	0.4	130	10	YONDO (ANTIOQUIA)
5611	Oct 28 2017	13:09:27.1	6.82	-73.14	145	2.7	0.8	74	46	LOS SANTOS (SANTANDER)
5612	Oct 28 2017	13:35:38.8	1.69	-77.89	27	1.3	0.4	285	10	BARBACOAS (NARINO)
5613	Oct 28 2017	13:58:56.1	6.77	-73.19	139	1.2	0.3	142	8	ZAPATOCA (SANTANDER)
5614	Oct 28 2017	13:59:39.9	2.40	-75.68	Sup	1.3	0.4	99	16	TESALIA (HUILA)
5615	Oct 28 2017	14:16:35.4	6.65	-74.07	Sup	1.5	0.5	88	18	PUERTO PARRA (SANTANDER)
5616	Oct 28 2017	14:20:46.7	6.85	-73.14	145	2.2	0.7	109	30	LOS SANTOS (SANTANDER)
5617	Oct 28 2017	14:37:48.7	4.83	-75.12	95	1.0	0.4	110	11	MURILLO (TOLIMA)
5618	Oct 28 2017	14:40:10.9	2.33	-75.67	10	1.2	0.1	114	10	AGRADO (HUILA)
5619	Oct 28 2017	14:42:39.8	6.82	-73.19	136	1.3	0.3	129	7	ZAPATOCA (SANTANDER)
5620	Oct 28 2017	14:43:28.2	3.23	-76.73	102	1.2	0.4	200	13	JAMUNDI (VALLE)
5621	Oct 28 2017	16:30:14.6	6.78	-73.08	140	1.5	0.4	146	14	LOS SANTOS (SANTANDER)
5622	Oct 28 2017	16:39: 4.1	10.86	-73.00	32	2.2	0.6	125	13	MANAURE BALCON CESAR (CESAR)
5623	Oct 28 2017	17:07:45.0	6.80	-73.12	141	1.8	0.4	114	20	LOS SANTOS (SANTANDER)
5624	Oct 28 2017	17:20:40.1	8.16	-73.97	12	1.7	0.4	271	8	MORALES (BOLIVAR)
5625	Oct 28 2017	17:23: 4.8	5.88	-74.60	18	1.5	0.6	167	14	PUERTO TRIUNFO (ANTIOQUIA)
5626	Oct 28 2017	17:38:57.7	6.55	-73.52	109	2.3	0.7	65	46	EL CARMEN (SANTANDER)
5627	Oct 28 2017	18:01:31.6	6.81	-73.12	144	2.5	0.7	72	52	LOS SANTOS (SANTANDER)
5628	Oct 28 2017	18:17:26.7	4.24	-76.21	20	1.1	0.1	147	8	BUGALAGRANDE (VALLE)
5629	Oct 28 2017	19:05:54.0	6.81	-73.15	143	2.3	0.5	110	30	LOS SANTOS (SANTANDER)
5630	Oct 28 2017	19:12:36.0	6.58	-73.45	118	1.5	0.4	71	19	EL CARMEN (SANTANDER)
5631	Oct 28 2017	19:48:24.6	6.76	-73.13	140	1.5	0.3	139	14	LOS SANTOS (SANTANDER)
5632	Oct 28 2017	20:03:50.0	4.30	-76.24	95	1.2	0.4	155	12	BOLIVAR (VALLE)
5633	Oct 28 2017	20:37:32.2	5.26	-73.75	142	1.6	0.4	93	19	CUCUNUBA (CUNDINAMARCA)
5634	Oct 28 2017	21:12:22.1	6.79	-73.16	138	1.5	0.4	134	15	LOS SANTOS (SANTANDER)
5635	Oct 28 2017	21:37:46.3	10.66	-74.67	58	2.0	0.2	188	14	PIVIJAY (MAGDALENA)
5636	Oct 28 2017	22:28:22.7	6.78	-73.11	140	1.1	0.3	141	8	LOS SANTOS (SANTANDER)
5637	Oct 28 2017	23:09:18.7	6.79	-73.15	138	1.9	0.5	111	23	LOS SANTOS (SANTANDER)
5638	Oct 28 2017	23:34:39.3	2.33	-75.67	Sup	1.2	0.1	219	8	AGRADO (HUILA)
5639	Oct 29 2017	00:26: 4.4	6.74	-73.18	141	1.3	0.3	228	10	VILLANUEVA (SANTANDER)
5640	Oct 29 2017	00:34:47.4	6.84	-73.15	148	2.3	0.7	64	45	LOS SANTOS (SANTANDER)
5641	Oct 29 2017	00:58:44.5	4.70	-76.80	90	1.1	0.4	254	8	SIPI (CHOCO)
5642	Oct 29 2017	01:09:31.1	7.58	-73.97	73	1.2	0.3	197	10	SAN PABLO (BOLIVAR)
5643	Oct 29 2017	01:36:52.0	6.75	-73.13	141	1.3	0.5	140	16	LOS SANTOS (SANTANDER)
5644	Oct 29 2017	01:57:52.6	8.00	-72.98	160	1.6	0.3	262	12	VILLA CARO (N.SANTANDER)
5645	Oct 29 2017	02:18: 9.4	6.78	-73.08	140	1.2	0.4	243	11	LOS SANTOS (SANTANDER)
5646	Oct 29 2017	02:53: 2.7	6.82	-73.13	143	1.4	0.4	112	16	LOS SANTOS (SANTANDER)
5647	Oct 29 2017	03:33:48.4	3.79	-75.89	118	0.9	0.1	231	8	RONCESVALLES (TOLIMA)
5648	Oct 29 2017	03:36:57.4	7.26	-73.38	115	1.9	0.5	161	26	SABANA DE TORRES (SANTANDER)
5649	Oct 29 2017	04:00:45.1	7.41	-77.16	32	2.2	0.9	159	28	RIOSUCIO (CHOCO)
5650	Oct 29 2017	04:03:34.2	6.02	-73.72	115	1.2	0.4	121	15	BOLIVAR (SANTANDER)
5651	Oct 29 2017	04:25:26.7	6.79	-73.12	145	1.8	0.6	121	21	LOS SANTOS (SANTANDER)
5652	Oct 29 2017	04:29:59.4	6.77	-73.09	144	1.4	0.4	215	18	LOS SANTOS (SANTANDER)
5653	Oct 29 2017	04:59: 2.8	6.78	-73.14	129	1.1	0.4	137	10	LOS SANTOS (SANTANDER)
5654	Oct 29 2017	05:18:47.7	7.47	-75.31	30	1.7	0.4	127	20	CACERES (ANTIOQUIA)
5655	Oct 29 2017	05:37:13.9	6.76	-73.17	141	1.2	0.4	135	16	LOS SANTOS (SANTANDER)
5656	Oct 29 2017	05:46:55.4	5.88	-72.45	Sup	1.5	0.6	119	21	PISVA (BOYACA)
5657	Oct 29 2017	06:04:43.5	1.37	-75.27	Sup	0.7	0.4	237	9	MONTANITA (CAQUETA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5658	Oct 29 2017	06:08:10.8	2.01	-76.77	Sup	0.2	0.2	218	8	LA VEGA (CAUCA)
5659	Oct 29 2017	06:08:48.2	6.81	-73.16	144	1.9	0.5	109	30	LOS SANTOS (SANTANDER)
5660	Oct 29 2017	06:20:35.6	6.76	-73.15	146	1.1	0.4	137	13	LOS SANTOS (SANTANDER)
5661	Oct 29 2017	06:24:13.8	4.18	-76.33	124	1.1	0.4	162	16	TRUJILLO (VALLE)
5662	Oct 29 2017	06:42:16.8	3.33	-76.58	51	1.0	0.5	164	14	JAMUNDI (VALLE)
5663	Oct 29 2017	07:14: 5.8	7.46	-73.06	152	1.1	0.2	227	10	SURATA (SANTANDER)
5664	Oct 29 2017	07:19:44.9	6.72	-73.14	143	1.3	0.4	140	16	JORDAN (SANTANDER)
5665	Oct 29 2017	07:21:48.7	3.03	-74.64	22	0.9	0.2	158	7	URIBE (META)
5666	Oct 29 2017	07:52:55.5	6.77	-73.14	138	1.1	0.4	138	13	LOS SANTOS (SANTANDER)
5667	Oct 29 2017	07:54:20.6	6.77	-73.15	146	0.9	0.4	137	9	LOS SANTOS (SANTANDER)
5668	Oct 29 2017	08:00:20.6	6.09	-72.53	Sup	1.0	0.6	258	10	JERICO (BOYACA)
5669	Oct 29 2017	08:21:33.6	6.77	-73.08	143	0.7	0.3	146	7	LOS SANTOS (SANTANDER)
5670	Oct 29 2017	08:34:11.9	7.70	-74.23	29	2.4	0.6	74	48	SANTA ROSA DEL SUR (BOLIVAR)
5671	Oct 29 2017	08:49: 8.9	6.82	-73.14	151	2.0	0.6	111	32	LOS SANTOS (SANTANDER)
5672	Oct 29 2017	08:56:36.3	6.85	-73.12	151	2.8	0.8	66	68	LOS SANTOS (SANTANDER)
5673	Oct 29 2017	09:29:46.4	10.84	-72.69	114	1.5	0.4	198	6	MANAURE BALCON CESAR (CESAR)
5674	Oct 29 2017	10:13: 2.0	6.83	-73.14	144	2.1	0.7	75	31	LOS SANTOS (SANTANDER)
5675	Oct 29 2017	10:32:26.1	6.77	-73.12	148	1.2	0.3	140	10	LOS SANTOS (SANTANDER)
5676	Oct 29 2017	11:00:35.7	6.79	-73.16	145	1.1	0.4	134	10	LOS SANTOS (SANTANDER)
5677	Oct 29 2017	11:04: 7.9	6.79	-73.13	152	1.2	0.5	138	10	LOS SANTOS (SANTANDER)
5678	Oct 29 2017	11:16:43.0	3.85	-76.30	116	1.2	0.3	246	7	BUGA (VALLE)
5679	Oct 29 2017	11:38:17.7	6.81	-73.11	143	1.3	0.4	139	13	LOS SANTOS (SANTANDER)
5680	Oct 29 2017	11:41:43.1	5.23	-73.77	143	1.3	0.6	186	14	CUCUNUBA (CUNDINAMARCA)
5681	Oct 29 2017	12:14:50.7	7.30	-73.48	111	1.2	0.4	170	9	SABANA DE TORRES (SANTANDER)
5682	Oct 29 2017	12:39:24.5	6.80	-73.16	143	1.9	0.5	102	21	LOS SANTOS (SANTANDER)
5683	Oct 29 2017	12:48:13.4	6.84	-73.14	146	2.8	0.9	65	48	LOS SANTOS (SANTANDER)
5684	Oct 29 2017	13:15:24.3	5.22	-72.80	Sup	1.8	0.5	97	15	RECETOR (CASANARE)
5685	Oct 29 2017	13:43:35.6	6.74	-73.12	142	1.0	0.1	142	8	LOS SANTOS (SANTANDER)
5686	Oct 29 2017	13:50:58.4	6.86	-73.14	149	2.2	0.8	77	30	LOS SANTOS (SANTANDER)
5687	Oct 29 2017	14:21:54.7	6.83	-73.14	145	2.6	0.9	65	43	LOS SANTOS (SANTANDER)
5688	Oct 29 2017	16:10: 5.6	5.19	-74.56	28	1.3	0.3	183	8	UTICA (CUNDINAMARCA)
5689	Oct 29 2017	16:14:15.1	6.79	-73.13	140	2.2	0.7	100	30	LOS SANTOS (SANTANDER)
5690	Oct 29 2017	16:45:48.6	6.78	-73.15	143	1.6	0.6	112	16	LOS SANTOS (SANTANDER)
5691	Oct 29 2017	17:29:23.0	8.44	-73.58	110	1.9	0.5	268	13	AGUACHICA (CESAR)
5692	Oct 29 2017	17:31:46.4	6.80	-73.17	143	2.1	0.5	102	24	LOS SANTOS (SANTANDER)
5693	Oct 29 2017	18:01:44.2	6.86	-73.14	146	1.0	0.3	134	11	LOS SANTOS (SANTANDER)
5694	Oct 29 2017	18:20:48.7	6.82	-73.11	152	1.5	0.4	139	11	LOS SANTOS (SANTANDER)
5695	Oct 29 2017	19:22: 1.0	11.36	-72.62	Sup	2.1	0.7	159	12	MANAURE BALCON CESAR (CESAR)
5696	Oct 29 2017	19:24:50.0	6.83	-73.11	154	3.4	1.3	56	86	LOS SANTOS (SANTANDER)
5697	Oct 29 2017	19:42:36.1	6.76	-73.13	144	1.4	0.2	140	11	LOS SANTOS (SANTANDER)
5698	Oct 29 2017	20:36:19.6	4.63	-76.29	116	2.9	0.8	87	61	VERSALLES (VALLE)
5699	Oct 29 2017	20:53: 7.6	6.79	-73.15	144	1.9	0.5	111	16	LOS SANTOS (SANTANDER)
5700	Oct 29 2017	21:16:48.8	6.76	-73.17	147	1.5	0.4	231	10	LOS SANTOS (SANTANDER)
5701	Oct 29 2017	22:14:54.2	4.76	-74.68	Sup	1.6	0.4	204	10	BELTRAN (CUNDINAMARCA)
5702	Oct 29 2017	22:33: 5.4	6.82	-73.03	139	1.4	0.3	250	8	LOS SANTOS (SANTANDER)
5703	Oct 29 2017	23:27:25.1	6.81	-73.15	147	1.9	0.4	239	20	LOS SANTOS (SANTANDER)
5704	Oct 29 2017	23:41: 7.7	1.97	-77.29	113	1.9	0.2	308	10	LEIVA (NARINO)
5705	Oct 29 2017	23:57:33.4	2.89	-76.04	Sup	2.3	0.7	56	50	TORIBIO (CAUCA)
5706	Oct 30 2017	00:53:15.7	6.77	-73.14	139	1.2	0.4	138	14	LOS SANTOS (SANTANDER)
5707	Oct 30 2017	01:02:24.2	6.82	-73.17	137	1.5	0.5	108	20	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5708	Oct 30 2017	01:16:36.0	5.61	-74.35	81	1.2	0.4	102	13	YACOPI (CUNDINAMARCA)
5709	Oct 30 2017	02:02: 3.9	6.82	-73.15	138	1.5	0.4	134	20	LOS SANTOS (SANTANDER)
5710	Oct 30 2017	02:04:21.5	6.76	-73.15	140	1.4	0.4	112	19	LOS SANTOS (SANTANDER)
5711	Oct 30 2017	02:23:54.1	6.71	-73.33	149	0.8	0.3	172	8	GALAN (SANTANDER)
5712	Oct 30 2017	02:52: 5.5	6.79	-73.16	146	0.8	0.2	235	7	LOS SANTOS (SANTANDER)
5713	Oct 30 2017	02:54:23.7	6.82	-73.16	147	1.5	0.5	109	26	LOS SANTOS (SANTANDER)
5714	Oct 30 2017	03:23:44.2	5.28	-73.76	145	1.3	0.5	129	20	CUCUNUBA (CUNDINAMARCA)
5715	Oct 30 2017	03:30:35.8	7.71	-74.70	50	0.8	0.3	209	8	EL BAGRE (ANTIOQUIA)
5716	Oct 30 2017	03:31:44.5	6.79	-73.17	147	1.1	0.3	233	8	LOS SANTOS (SANTANDER)
5717	Oct 30 2017	03:49:11.5	6.80	-73.11	139	1.4	0.6	115	19	LOS SANTOS (SANTANDER)
5718	Oct 30 2017	03:56:25.5	5.83	-74.00	95	1.1	0.5	114	14	FLORIAN (SANTANDER)
5719	Oct 30 2017	04:02:48.8	6.80	-73.17	142	1.2	0.5	235	15	LOS SANTOS (SANTANDER)
5720	Oct 30 2017	04:05:38.8	6.76	-73.16	140	1.3	0.3	135	16	LOS SANTOS (SANTANDER)
5721	Oct 30 2017	04:22:50.6	6.77	-73.18	150	1.1	0.4	231	12	LOS SANTOS (SANTANDER)
5722	Oct 30 2017	04:36:49.4	6.48	-73.82	25	0.7	0.2	95	9	CIMITARRA (SANTANDER)
5723	Oct 30 2017	04:54:49.3	8.26	-72.05	Sup	1.4	0.3	297	10	FRONTERA CON VENEZUELA
5724	Oct 30 2017	05:18:36.0	6.81	-73.14	139	2.2	0.6	65	42	LOS SANTOS (SANTANDER)
5725	Oct 30 2017	05:28:44.7	4.29	-76.77	32	1.7	0.8	207	23	SIPI (CHOCO)
5726	Oct 30 2017	05:53:39.8	5.66	-73.98	109	1.2	0.4	129	15	PAUNA (BOYACA)
5727	Oct 30 2017	06:31:34.6	6.76	-73.14	136	1.3	0.4	138	13	LOS SANTOS (SANTANDER)
5728	Oct 30 2017	06:58: 3.8	6.68	-73.15	170	0.9	0.3	228	8	VILLANUEVA (SANTANDER)
5729	Oct 30 2017	07:16: 3.8	6.76	-73.10	143	1.1	0.5	144	14	LOS SANTOS (SANTANDER)
5730	Oct 30 2017	07:31:47.6	7.08	-76.17	Sup	1.3	0.6	118	15	DABEIBA (ANTIOQUIA)
5731	Oct 30 2017	07:42:12.2	6.78	-73.14	150	1.1	0.4	236	12	LOS SANTOS (SANTANDER)
5732	Oct 30 2017	07:46:38.7	6.81	-73.13	146	1.4	0.5	137	22	LOS SANTOS (SANTANDER)
5733	Oct 30 2017	08:11: 3.1	6.12	-72.56	Sup	0.9	0.4	253	11	JERICO (BOYACA)
5734	Oct 30 2017	08:38:25.1	6.82	-73.16	144	1.0	0.3	237	10	LOS SANTOS (SANTANDER)
5735	Oct 30 2017	08:44:49.7	6.79	-73.15	144	1.4	0.5	136	20	LOS SANTOS (SANTANDER)
5736	Oct 30 2017	09:09:38.8	6.78	-73.18	142	0.8	0.4	232	9	LOS SANTOS (SANTANDER)
5737	Oct 30 2017	09:11: 9.4	6.91	-73.16	146	2.2	0.6	105	32	BETULIA (SANTANDER)
5738	Oct 30 2017	09:13:22.8	7.60	-74.20	Sup	1.3	0.4	218	10	SAN PABLO (BOLIVAR)
5739	Oct 30 2017	09:31:37.0	2.60	-75.32	12	1.4	0.3	176	14	ALGECIRAS (HUILA)
5740	Oct 30 2017	09:33:29.0	6.58	-74.92	Sup	2.1	0.8	70	32	YOLOMBO (ANTIOQUIA)
5741	Oct 30 2017	09:48:53.3	6.42	-73.61	100	1.1	0.4	118	12	SANTA HELENA DEL OPO (SANTANDER)
5742	Oct 30 2017	09:53:40.9	6.81	-73.17	138	1.2	0.4	133	12	LOS SANTOS (SANTANDER)
5743	Oct 30 2017	10:13:46.6	6.73	-73.19	148	1.0	0.2	227	8	VILLANUEVA (SANTANDER)
5744	Oct 30 2017	11:59:31.4	7.25	-76.58	11	1.7	0.6	209	12	MUTATA (ANTIOQUIA)
5745	Oct 30 2017	12:03:45.3	5.85	-74.04	93	1.7	0.3	124	12	LA BELLEZA (SANTANDER)
5746	Oct 30 2017	12:23:35.6	6.75	-73.14	144	1.4	0.3	233	9	LOS SANTOS (SANTANDER)
5747	Oct 30 2017	12:32:10.8	4.21	-76.63	58	1.7	0.3	205	11	TRUJILLO (VALLE)
5748	Oct 30 2017	12:34:14.6	3.75	-77.34	15	1.6	0.5	248	15	O. PACIFICO SUR
5749	Oct 30 2017	13:27:30.9	6.79	-73.14	146	1.5	0.2	213	11	LOS SANTOS (SANTANDER)
5750	Oct 30 2017	13:48:28.2	5.77	-73.93	103	1.6	0.5	68	22	ALBANIA (SANTANDER)
5751	Oct 30 2017	14:07:19.5	6.82	-73.15	154	1.5	0.2	238	11	LOS SANTOS (SANTANDER)
5752	Oct 30 2017	14:58:10.7	3.59	-76.27	139	1.2	0.4	123	16	PALMIRA (VALLE)
5753	Oct 30 2017	16:24:13.4	6.79	-73.16	144	1.6	0.4	110	19	LOS SANTOS (SANTANDER)
5754	Oct 30 2017	17:27: 3.5	6.72	-73.15	145	1.8	0.3	113	18	VILLANUEVA (SANTANDER)
5755	Oct 30 2017	19:49:47.8	6.70	-76.82	10	1.6	0.8	248	8	VIGIA DEL FUERTE (ANTIOQUIA)
5756	Oct 30 2017	19:56:53.5	5.11	-73.19	Sup	1.6	0.7	133	10	MIRAFLORES (BOYACA)
5757	Oct 30 2017	20:54:23.6	3.19	-75.35	Sup	1.2	0.6	188	14	AIPE (HUILA)
5758	Oct 30 2017	21:34: 9.0	6.84	-73.16	146	1.2	0.5	133	10	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5759	Oct 30 2017	21:34:27.9	5.84	-73.87	126	1.4	0.3	279	8	JESUS MARIA (SANTANDER)
5760	Oct 30 2017	21:49: 7.3	6.75	-73.12	148	1.7	0.6	142	20	LOS SANTOS (SANTANDER)
5761	Oct 30 2017	21:55: 6.2	6.77	-73.14	146	1.5	0.5	138	18	LOS SANTOS (SANTANDER)
5762	Oct 30 2017	22:06:27.9	9.78	-73.75	85	1.3	0.4	179	10	EL PASO (CESAR)
5763	Oct 30 2017	22:10:38.8	6.73	-73.10	137	1.1	0.5	145	10	JORDAN (SANTANDER)
5764	Oct 30 2017	22:17:51.6	6.83	-73.20	140	1.2	0.4	127	10	ZAPATOCA (SANTANDER)
5765	Oct 30 2017	22:24:34.8	6.80	-73.14	143	1.3	0.2	137	12	LOS SANTOS (SANTANDER)
5766	Oct 30 2017	22:44:24.7	6.86	-73.05	141	1.3	0.5	251	12	LOS SANTOS (SANTANDER)
5767	Oct 30 2017	23:00: 6.3	6.83	-74.11	81	1.5	0.3	105	13	PUERTO PARRA (SANTANDER)
5768	Oct 30 2017	23:51:59.5	6.52	-73.60	107	0.9	0.3	93	9	SANTA HELENA DEL OPON (SANTANDER)
5769	Oct 31 2017	00:19:21.7	6.82	-73.09	150	1.7	0.7	187	20	LOS SANTOS (SANTANDER)
5770	Oct 31 2017	00:29:25.7	6.86	-73.13	140	1.4	0.1	280	7	LOS SANTOS (SANTANDER)
5771	Oct 31 2017	01:04:23.6	6.74	-73.30	120	1.9	0.7	94	23	ZAPATOCA (SANTANDER)
5772	Oct 31 2017	01:44:24.3	7.38	-73.18	133	1.4	0.1	182	10	EL PLAYON (SANTANDER)
5773	Oct 31 2017	02:10:11.8	6.84	-73.12	143	1.9	0.7	112	24	LOS SANTOS (SANTANDER)
5774	Oct 31 2017	02:27:42.7	7.66	-74.58	38	1.5	0.3	207	12	EL BAGRE (ANTIOQUIA)
5775	Oct 31 2017	02:35: 0.4	4.48	-76.17	101	1.4	0.6	144	18	EL DOVIO (VALLE)
5776	Oct 31 2017	03:00: 4.8	5.91	-74.55	Sup	0.7	0.6	140	9	PUERTO BOYACA (BOYACA)
5777	Oct 31 2017	03:30:18.4	6.81	-73.11	144	1.3	0.6	242	12	LOS SANTOS (SANTANDER)
5778	Oct 31 2017	03:46:12.1	7.31	-78.40	Sup	2.1	1.0	185	16	O. PACIFICO NORTE
5779	Oct 31 2017	04:01:56.8	6.84	-73.31	122	1.6	0.7	209	14	ZAPATOCA (SANTANDER)
5780	Oct 31 2017	04:18:27.9	6.11	-73.71	107	0.7	0.2	109	10	CHIPATA (SANTANDER)
5781	Oct 31 2017	04:39:39.4	6.83	-73.14	144	2.0	0.6	216	23	LOS SANTOS (SANTANDER)
5782	Oct 31 2017	04:47: 0.2	6.75	-73.16	144	0.9	0.3	232	8	LOS SANTOS (SANTANDER)
5783	Oct 31 2017	05:46:48.4	6.39	-73.67	98	1.6	0.8	71	19	SANTA HELENA DEL OPON (SANTANDER)
5784	Oct 31 2017	05:49:57.6	7.21	-74.25	Sup	1.7	0.5	151	15	PUERTO WILCHES (SANTANDER)
5785	Oct 31 2017	05:57:51.4	6.75	-73.11	147	0.9	0.4	143	8	LOS SANTOS (SANTANDER)
5786	Oct 31 2017	06:19:55.4	6.78	-73.14	146	1.1	0.1	138	8	LOS SANTOS (SANTANDER)
5787	Oct 31 2017	06:20:26.9	2.30	-75.41	15	1.2	0.2	192	8	GIGANTE (HUILA)
5788	Oct 31 2017	06:45:57.1	4.30	-75.91	69	1.0	0.6	152	10	SEVILLA (VALLE)
5789	Oct 31 2017	06:51:49.5	4.77	-74.74	Sup	1.0	0.5	178	10	AMBALEMA (TOLIMA)
5790	Oct 31 2017	07:05:47.1	6.79	-73.16	133	1.3	0.7	110	19	LOS SANTOS (SANTANDER)
5791	Oct 31 2017	07:23:35.0	7.14	-78.25	14	2.3	1.1	137	20	O. PACIFICO NORTE
5792	Oct 31 2017	07:29:23.4	6.85	-73.14	154	2.7	1.3	56	58	LOS SANTOS (SANTANDER)
5793	Oct 31 2017	07:52:32.2	7.46	-73.18	130	2.0	0.5	107	24	EL PLAYON (SANTANDER)
5794	Oct 31 2017	08:25:18.9	7.52	-73.51	112	1.3	0.5	194	12	SABANA DE TORRES (SANTANDER)
5795	Oct 31 2017	08:27:28.9	6.81	-72.84	Sup	1.0	0.6	266	8	SAN ANDRES (SANTANDER)
5796	Oct 31 2017	08:32:51.1	6.83	-72.78	Sup	0.6	0.5	270	9	SAN ANDRES (SANTANDER)
5797	Oct 31 2017	08:35:44.3	6.70	-73.16	151	1.0	0.5	138	9	VILLANUEVA (SANTANDER)
5798	Oct 31 2017	08:45:22.8	4.82	-74.93	32	0.9	0.3	172	5	LERIDA (TOLIMA)
5799	Oct 31 2017	08:57:37.3	6.76	-73.10	145	1.1	0.2	143	8	LOS SANTOS (SANTANDER)
5800	Oct 31 2017	09:05:40.8	7.56	-72.94	178	1.8	0.6	177	15	ARBOLEDAS (N.SANTANDER)
5801	Oct 31 2017	09:06:39.7	7.50	-73.29	14	1.1	0.4	235	8	EL PLAYON (SANTANDER)
5802	Oct 31 2017	09:24:17.3	2.88	-74.85	Sup	1.8	0.6	86	25	BARAYA (HUILA)
5803	Oct 31 2017	10:07:12.0	6.79	-73.13	152	2.6	0.5	55	64	LOS SANTOS (SANTANDER)
5804	Oct 31 2017	10:41:37.4	9.07	-77.38	40	1.8	0.3	157	10	MAR CARIBE
5805	Oct 31 2017	11:19:47.8	5.00	-73.22	23	1.2	0.5	117	8	MACANAL (BOYACA)
5806	Oct 31 2017	11:35:42.1	5.75	-73.96	107	2.0	0.5	70	35	TUNUNGUA (BOYACA)
5807	Oct 31 2017	11:41:20.6	6.74	-73.22	151	1.5	0.2	219	8	ZAPATOCA (SANTANDER)
5808	Oct 31 2017	11:45:26.5	6.79	-73.14	143	2.3	0.4	65	42	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5809	Oct 31 2017	12:16: 1.8	6.79	-73.13	145	3.3	0.6	55	75	LOS SANTOS (SANTANDER)
5810	Oct 31 2017	12:34:21.4	6.76	-73.14	147	1.3	0.3	139	10	LOS SANTOS (SANTANDER)
5811	Oct 31 2017	12:55:45.5	7.11	-73.40	112	2.6	0.6	76	56	LEBRIJA (SANTANDER)
5812	Oct 31 2017	13:01:56.3	5.10	-76.86	25	1.5	0.6	245	20	MEDIO SAN JUAN (CHOCO)
5813	Oct 31 2017	13:12:21.9	7.37	-73.39	111	2.0	0.5	85	26	SABANA DE TORRES (SANTANDER)
5814	Oct 31 2017	13:32:17.2	6.78	-73.14	146	2.5	0.5	112	42	LOS SANTOS (SANTANDER)
5815	Oct 31 2017	15:10: 0.5	6.40	-73.54	112	1.5	0.4	75	16	SANTA HELENA DEL OPON (SANTANDER)
5816	Oct 31 2017	16:07:21.5	6.78	-73.15	145	1.6	0.4	112	20	LOS SANTOS (SANTANDER)
5817	Oct 31 2017	16:10:28.3	6.78	-73.15	146	1.4	0.3	136	12	LOS SANTOS (SANTANDER)
5818	Oct 31 2017	16:20:52.1	6.78	-73.14	137	1.9	0.5	112	23	LOS SANTOS (SANTANDER)
5819	Oct 31 2017	16:28:16.0	2.01	-75.85	Sup	0.6	0.4	125	8	SUAZA (HUILA)
5820	Oct 31 2017	16:35: 8.0	6.78	-73.13	140	1.9	0.5	114	22	LOS SANTOS (SANTANDER)
5821	Oct 31 2017	16:43:11.7	6.80	-73.15	135	1.1	0.2	142	8	LOS SANTOS (SANTANDER)
5822	Oct 31 2017	17:10:23.6	6.81	-73.15	139	1.7	0.6	110	24	LOS SANTOS (SANTANDER)
5823	Oct 31 2017	17:21:21.4	6.98	-72.20	Sup	1.9	0.7	197	19	CUBARA (BOYACA)
5824	Oct 31 2017	17:45:37.2	6.85	-73.33	116	2.1	0.7	94	31	BETULIA (SANTANDER)
5825	Oct 31 2017	17:48:28.3	6.87	-73.35	118	1.0	0.3	122	10	SAN VICENTE DE CHUCURI (SANTANDER)
5826	Oct 31 2017	18:19:57.0	6.77	-73.15	137	1.9	0.4	112	20	LOS SANTOS (SANTANDER)
5827	Oct 31 2017	19:16:59.2	6.77	-73.15	134	1.7	0.5	137	15	LOS SANTOS (SANTANDER)
5828	Oct 31 2017	19:51: 6.2	6.82	-73.13	136	1.2	0.3	142	8	LOS SANTOS (SANTANDER)
5829	Oct 31 2017	20:06:42.1	6.86	-73.08	150	1.3	0.4	141	11	LOS SANTOS (SANTANDER)
5830	Oct 31 2017	20:30:56.9	6.78	-73.15	138	1.5	0.2	136	14	LOS SANTOS (SANTANDER)
5831	Oct 31 2017	20:48:54.6	5.01	-72.89	Sup	1.3	0.7	192	13	MONTERREY (CASANARE)
5832	Oct 31 2017	21:01:46.8	6.67	-74.20	127	1.5	0.4	111	12	PUERTO PARRA (SANTANDER)
5833	Oct 31 2017	21:10:18.6	2.55	-75.39	16	1.7	0.5	90	21	HOBO (HUILA)
5834	Oct 31 2017	22:40:31.7	5.98	-73.69	128	1.2	0.2	151	6	VELEZ (SANTANDER)
5835	Oct 31 2017	23:01: 0.4	6.70	-73.24	145	1.1	0.3	200	8	BARICHARA (SANTANDER)
5836	Oct 31 2017	23:22:38.2	6.49	-73.68	99	1.9	0.6	51	29	SANTA HELENA DEL OPON (SANTANDER)
5837	Oct 31 2017	23:54:56.0	6.73	-73.18	147	1.4	0.3	134	9	VILLANUEVA (SANTANDER)
5838	Oct 31 2017	23:56: 0.6	7.99	-76.84	23	1.4	0.5	175	8	TURBO (ANTIOQUIA)
5839	Nov 1 2017	00:58:22.1	6.74	-73.13	137	1.2	0.5	234	10	LOS SANTOS (SANTANDER)
5840	Nov 1 2017	01:22:55.6	6.79	-73.12	141	1.7	0.3	114	17	LOS SANTOS (SANTANDER)
5841	Nov 1 2017	02:16:42.4	6.73	-73.14	150	1.1	0.4	140	9	LOS SANTOS (SANTANDER)
5842	Nov 1 2017	02:28:25.3	7.26	-73.72	16	1.3	0.6	164	12	PUERTO WILCHES (SANTANDER)
5843	Nov 1 2017	02:33:39.1	7.18	-75.29	56	1.4	0.3	133	10	VALDIVIA (ANTIOQUIA)
5844	Nov 1 2017	03:04:58.1	6.79	-73.15	145	2.3	0.4	101	32	LOS SANTOS (SANTANDER)
5845	Nov 1 2017	03:20: 0.2	3.12	-79.26	7	2.4	0.6	285	26	O. PACIFICO SUR
5846	Nov 1 2017	03:45:49.0	6.79	-73.16	146	1.6	0.4	111	20	LOS SANTOS (SANTANDER)
5847	Nov 1 2017	03:58:59.1	10.54	-74.90	23	2.2	0.6	175	16	CANDELARIA (ATLANTICO)
5848	Nov 1 2017	04:16:48.6	6.76	-73.11	140	1.5	0.4	116	19	LOS SANTOS (SANTANDER)
5849	Nov 1 2017	04:18:57.8	6.32	-73.60	115	1.1	0.3	85	14	SANTA HELENA DEL OPON (SANTANDER)
5850	Nov 1 2017	04:50:32.7	6.01	-76.69	Sup	1.3	0.2	301	8	MEDIO ATRATO (CHOCO)
5851	Nov 1 2017	04:51:22.5	5.67	-74.11	100	1.4	0.4	81	20	SAN PABLO DE BORBUR (BOYACA)
5852	Nov 1 2017	04:52:48.8	6.76	-73.08	147	1.2	0.3	241	8	LOS SANTOS (SANTANDER)
5853	Nov 1 2017	05:03: 9.1	6.80	-73.12	148	1.8	0.5	114	27	LOS SANTOS (SANTANDER)
5854	Nov 1 2017	06:17: 4.4	6.79	-73.12	143	1.6	0.3	114	23	LOS SANTOS (SANTANDER)
5855	Nov 1 2017	06:20:57.3	6.81	-73.17	142	1.5	0.3	109	20	LOS SANTOS (SANTANDER)
5856	Nov 1 2017	06:35:25.3	4.41	-76.13	95	1.0	0.3	161	8	ROLDANILLO (VALLE)
5857	Nov 1 2017	06:45:30.0	6.78	-73.14	139	1.0	0.3	137	10	LOS SANTOS (SANTANDER)
5858	Nov 1 2017	06:46:41.0	6.80	-73.12	147	1.9	0.4	113	22	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5859	Nov 1 2017	06:48:30.7	6.03	-76.20	83	2.2	0.3	190	20	EL CARMEN (CHOCO)
5860	Nov 1 2017	06:52:27.9	3.52	-76.51	136	2.0	0.4	92	30	YUMBO (VALLE)
5861	Nov 1 2017	06:58:38.9	6.79	-73.13	140	2.6	0.5	67	50	LOS SANTOS (SANTANDER)
5862	Nov 1 2017	07:34: 5.9	6.78	-73.17	144	1.5	0.4	109	14	LOS SANTOS (SANTANDER)
5863	Nov 1 2017	07:37:21.6	6.79	-73.19	145	1.7	0.5	108	14	ZAPATOCA (SANTANDER)
5864	Nov 1 2017	08:04:14.2	6.12	-72.46	Sup	1.8	1.0	105	18	CHITA (BOYACA)
5865	Nov 1 2017	08:24:31.5	3.24	-79.23	19	1.8	0.5	307	13	O. PACIFICO SUR
5866	Nov 1 2017	08:36:52.2	3.29	-74.34	Sup	1.6	1.1	118	25	URIBE (META)
5867	Nov 1 2017	09:06:35.1	6.80	-73.12	148	2.0	0.7	106	25	LOS SANTOS (SANTANDER)
5868	Nov 1 2017	09:59:22.7	6.81	-73.18	142	1.6	0.4	110	12	ZAPATOCA (SANTANDER)
5869	Nov 1 2017	10:10:43.2	6.79	-73.15	142	1.6	0.3	111	19	LOS SANTOS (SANTANDER)
5870	Nov 1 2017	10:18:38.8	2.88	-79.57	Sup	1.7	0.4	315	12	O. PACIFICO SUR
5871	Nov 1 2017	10:25:40.1	6.75	-73.17	141	1.5	0.4	110	17	LOS SANTOS (SANTANDER)
5872	Nov 1 2017	10:46:39.7	6.77	-73.15	147	1.5	0.4	136	18	LOS SANTOS (SANTANDER)
5873	Nov 1 2017	11:01: 6.9	1.39	-75.84	83	0.6	0.2	267	6	BELEN DE LOS ANDAQUIES (CAQUETA)
5874	Nov 1 2017	11:01:33.2	8.19	-73.25	138	3.0	0.6	68	57	LA PLAYA (N.SANTANDER)
5875	Nov 1 2017	11:30:25.1	7.24	-77.09	11	1.8	0.5	210	11	RIOSUCIO (CHOCO)
5876	Nov 1 2017	12:07:14.8	6.83	-73.15	151	2.7	0.6	62	46	LOS SANTOS (SANTANDER)
5877	Nov 1 2017	12:19:42.7	6.76	-73.11	145	1.9	0.4	123	21	LOS SANTOS (SANTANDER)
5878	Nov 1 2017	12:35:54.4	8.36	-73.82	18	1.8	0.4	113	18	GAMARRA (CESAR)
5879	Nov 1 2017	13:42:40.6	6.73	-73.21	143	1.2	0.3	220	8	VILLANUEVA (SANTANDER)
5880	Nov 1 2017	13:49:51.5	6.76	-73.12	143	1.9	0.2	140	14	LOS SANTOS (SANTANDER)
5881	Nov 1 2017	15:40: 3.0	7.73	-75.11	52	2.3	0.6	101	22	CAUCASIA (ANTIOQUIA)
5882	Nov 1 2017	16:40:37.0	4.75	-76.20	94	2.2	0.6	96	31	EL CAIRO (VALLE)
5883	Nov 1 2017	16:52:39.8	6.80	-73.39	102	1.1	0.2	99	9	SAN VICENTE DE CHUCURI (SANTANDER)
5884	Nov 1 2017	17:01:34.5	6.85	-73.17	145	1.2	0.2	240	7	ZAPATOCA (SANTANDER)
5885	Nov 1 2017	17:13:31.9	5.57	-73.86	119	1.3	0.3	104	14	CALDAS (BOYACA)
5886	Nov 1 2017	17:19:37.8	6.64	-74.08	18	0.9	0.4	89	9	PUERTO PARRA (SANTANDER)
5887	Nov 1 2017	17:22:26.5	6.67	-74.08	18	0.8	0.3	88	9	PUERTO PARRA (SANTANDER)
5888	Nov 1 2017	17:31:53.4	9.87	-73.56	Sup	1.9	0.6	121	11	EL PASO (CESAR)
5889	Nov 1 2017	17:38:22.2	2.19	-75.64	Sup	1.5	0.5	87	21	GARZON (HUILA)
5890	Nov 1 2017	18:20:49.9	7.07	-73.96	90	1.7	0.4	143	20	YONDO (ANTIOQUIA)
5891	Nov 1 2017	18:44:42.6	7.11	-74.49	55	1.1	0.2	140	8	SEGOVIA (ANTIOQUIA)
5892	Nov 1 2017	19:02:39.2	6.85	-73.13	131	1.8	0.5	135	20	LOS SANTOS (SANTANDER)
5893	Nov 1 2017	19:46: 6.7	4.50	-75.68	Sup	1.2	0.4	89	14	ARMENIA (QUINDIO)
5894	Nov 1 2017	20:11:17.3	5.86	-75.93	16	1.8	0.5	147	18	HISPANIA (ANTIOQUIA)
5895	Nov 1 2017	20:35: 1.1	3.66	-77.46	58	1.7	0.4	153	18	O. PACIFICO SUR
5896	Nov 1 2017	21:16:59.6	5.98	-73.90	Sup	1.4	0.6	76	16	EL PENON (SANTANDER)
5897	Nov 1 2017	21:23: 6.4	6.80	-73.15	145	1.7	0.5	111	24	LOS SANTOS (SANTANDER)
5898	Nov 1 2017	21:51:31.0	6.65	-74.07	9	1.5	0.6	89	16	PUERTO PARRA (SANTANDER)
5899	Nov 1 2017	22:28:25.6	6.82	-73.19	140	1.4	0.4	130	14	ZAPATOCA (SANTANDER)
5900	Nov 1 2017	22:30:31.1	6.75	-73.11	141	1.2	0.3	142	11	LOS SANTOS (SANTANDER)
5901	Nov 1 2017	22:46:58.5	2.47	-75.44	Sup	1.5	0.4	165	15	HOBO (HUILA)
5902	Nov 1 2017	22:47:39.2	9.63	-73.45	Sup	1.8	0.7	127	13	LA JAGUA DE IBIRICO (CESAR)
5903	Nov 1 2017	22:51:38.7	9.81	-77.78	Sup	1.8	0.6	195	7	MAR CARIBE
5904	Nov 1 2017	23:03:41.6	6.46	-73.45	122	1.4	0.5	69	20	SIMACOTA (SANTANDER)
5905	Nov 1 2017	23:05: 1.4	6.86	-73.31	128	1.9	0.7	95	26	BETULIA (SANTANDER)
5906	Nov 1 2017	23:24:50.7	4.38	-73.81	Sup	1.9	0.6	59	34	QUETAME (CUNDINAMARCA)
5907	Nov 2 2017	00:35: 9.8	6.74	-73.23	143	1.0	0.3	214	7	ZAPATOCA (SANTANDER)
5908	Nov 2 2017	00:44:19.1	6.77	-73.13	139	1.5	0.5	138	14	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5909	Nov 2 2017	01:05: 1.6	5.27	-73.74	145	2.1	0.4	54	32	CUCUNUBA (CUNDINAMARCA)
5910	Nov 2 2017	01:36:43.1	6.74	-73.17	141	1.6	0.5	110	21	LOS SANTOS (SANTANDER)
5911	Nov 2 2017	01:50: 1.8	6.75	-73.40	116	1.5	0.4	168	10	EL CARMEN (SANTANDER)
5912	Nov 2 2017	02:10:45.6	6.83	-74.39	16	0.9	0.2	133	8	PUERTO BERRIO (ANTIOQUIA)
5913	Nov 2 2017	02:20:35.1	6.71	-73.21	144	1.2	0.3	232	8	VILLANUEVA (SANTANDER)
5914	Nov 2 2017	02:39:56.7	6.74	-73.14	145	1.3	0.4	139	12	LOS SANTOS (SANTANDER)
5915	Nov 2 2017	02:52: 0.9	6.67	-73.20	147	1.1	0.4	217	7	VILLANUEVA (SANTANDER)
5916	Nov 2 2017	03:31: 1.3	2.00	-75.85	Sup	0.4	0.4	125	8	SUAZA (HUILA)
5917	Nov 2 2017	03:39:55.7	6.21	-73.70	104	1.9	0.5	63	32	LANDAZURI (SANTANDER)
5918	Nov 2 2017	03:43:35.8	11.16	-73.63	Sup	2.3	0.5	162	13	PUEBLO BELLO (CESAR)
5919	Nov 2 2017	03:49:45.9	5.86	-74.30	75	1.1	0.3	107	14	OTANCHE (BOYACA)
5920	Nov 2 2017	04:51:41.7	6.80	-73.12	144	1.1	0.4	240	10	LOS SANTOS (SANTANDER)
5921	Nov 2 2017	05:06:21.5	6.79	-73.14	142	1.2	0.2	244	7	LOS SANTOS (SANTANDER)
5922	Nov 2 2017	05:21:41.2	7.09	-73.43	Sup	1.1	0.4	146	13	LEBRIJA (SANTANDER)
5923	Nov 2 2017	05:53:38.5	6.81	-73.16	145	2.1	0.5	109	32	LOS SANTOS (SANTANDER)
5924	Nov 2 2017	05:58:55.6	4.32	-76.57	58	1.7	0.4	195	16	TRUJILLO (VALLE)
5925	Nov 2 2017	06:50:55.3	6.76	-73.17	148	1.2	0.3	232	10	LOS SANTOS (SANTANDER)
5926	Nov 2 2017	06:53:27.4	6.07	-73.71	113	1.5	0.5	64	24	VELEZ (SANTANDER)
5927	Nov 2 2017	07:05:58.6	6.75	-73.15	147	1.4	0.3	112	17	LOS SANTOS (SANTANDER)
5928	Nov 2 2017	07:15:23.0	6.68	-73.21	144	1.0	0.3	206	8	BARICHARA (SANTANDER)
5929	Nov 2 2017	07:32:11.4	5.41	-73.79	136	2.2	0.4	50	38	FUQUENE (CUNDINAMARCA)
5930	Nov 2 2017	08:51:24.2	6.76	-73.12	136	1.2	0.2	140	12	LOS SANTOS (SANTANDER)
5931	Nov 2 2017	09:32:36.9	6.80	-73.15	147	1.7	0.3	111	24	LOS SANTOS (SANTANDER)
5932	Nov 2 2017	09:38:16.9	4.49	-76.79	Sup	1.1	0.4	236	10	SIPI (CHOCO)
5933	Nov 2 2017	09:49:38.8	6.78	-73.18	149	1.2	0.2	209	9	LOS SANTOS (SANTANDER)
5934	Nov 2 2017	09:50:48.6	6.73	-73.16	150	1.2	0.2	231	8	LOS SANTOS (SANTANDER)
5935	Nov 2 2017	10:04: 8.3	3.42	-78.32	18	1.8	0.5	297	14	O. PACIFICO SUR
5936	Nov 2 2017	10:18:45.3	5.89	-73.77	116	1.1	0.1	224	8	JESUS MARIA (SANTANDER)
5937	Nov 2 2017	12:40:32.3	6.78	-73.16	144	1.6	0.5	110	16	LOS SANTOS (SANTANDER)
5938	Nov 2 2017	12:47: 8.3	6.80	-73.21	133	1.3	0.1	128	8	ZAPATOCA (SANTANDER)
5939	Nov 2 2017	13:07:38.4	6.78	-73.11	145	1.3	0.1	141	8	LOS SANTOS (SANTANDER)
5940	Nov 2 2017	14:31:50.6	4.42	-73.54	16	1.3	0.4	249	10	SAN JUANITO (META)
5941	Nov 2 2017	14:33:17.5	6.79	-73.13	148	1.6	0.4	139	12	LOS SANTOS (SANTANDER)
5942	Nov 2 2017	14:54:27.3	4.78	-76.17	98	1.3	0.2	122	16	EL CAIRO (VALLE)
5943	Nov 2 2017	15:02:35.7	6.77	-73.16	146	1.8	0.4	234	18	LOS SANTOS (SANTANDER)
5944	Nov 2 2017	15:28:38.2	6.76	-73.14	139	1.8	0.5	139	21	LOS SANTOS (SANTANDER)
5945	Nov 2 2017	16:18:40.5	6.82	-73.13	144	2.1	0.5	112	32	LOS SANTOS (SANTANDER)
5946	Nov 2 2017	16:34: 0.4	3.56	-75.68	25	1.1	0.2	223	8	RIOBLANCO (TOLIMA)
5947	Nov 2 2017	16:44:14.5	6.77	-73.17	134	1.2	0.3	134	9	LOS SANTOS (SANTANDER)
5948	Nov 2 2017	16:58:29.2	1.44	-75.52	6	1.5	0.3	153	13	MONTANITA (CAQUETA)
5949	Nov 2 2017	17:02:54.9	6.97	-73.15	144	1.5	0.4	285	9	GIRON (SANTANDER)
5950	Nov 2 2017	17:25:27.2	6.81	-73.14	148	1.8	0.5	136	22	LOS SANTOS (SANTANDER)
5951	Nov 2 2017	18:33:43.8	6.79	-73.15	145	1.7	0.3	111	22	LOS SANTOS (SANTANDER)
5952	Nov 2 2017	19:15:27.6	4.22	-76.75	Sup	1.6	0.6	145	11	CALIMA (VALLE)
5953	Nov 2 2017	19:38:51.8	6.76	-73.19	156	1.9	0.6	132	10	LOS SANTOS (SANTANDER)
5954	Nov 2 2017	19:52:32.1	6.83	-73.16	146	1.8	0.5	109	16	LOS SANTOS (SANTANDER)
5955	Nov 2 2017	20:11:51.3	6.96	-73.34	116	1.2	0.3	171	8	BETULIA (SANTANDER)
5956	Nov 2 2017	21:41: 7.1	2.01	-75.83	32	0.9	0.4	123	9	SUAZA (HUILA)
5957	Nov 2 2017	21:46:40.4	3.52	-74.57	Sup	1.9	0.6	93	33	COLOMBIA (HUILA)
5958	Nov 2 2017	23:08:35.1	5.84	-72.15	8	0.5	0.3	199	7	TAMARA (CASANARE)
5959	Nov 2 2017	23:20:11.4	7.40	-73.20	130	1.3	0.3	184	9	EL PLAYON (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
5960	Nov 2 2017	23:39:17.0	6.76	-73.18	145	1.2	0.4	230	9	LOS SANTOS (SANTANDER)
5961	Nov 2 2017	23:49:41.7	6.88	-73.23	164	0.9	0.3	121	8	BETULIA (SANTANDER)
5962	Nov 2 2017	23:54:20.7	6.98	-76.31	12	1.5	0.3	302	7	DABEIBA (ANTIOQUIA)
5963	Nov 2 2017	23:55:55.9	6.78	-73.13	144	1.4	0.4	138	17	LOS SANTOS (SANTANDER)
5964	Nov 3 2017	00:08:16.9	6.05	-73.95	Sup	3.1	0.8	49	60	EL PENON (SANTANDER)
5965	Nov 3 2017	00:28:31.3	6.01	-73.90	Sup	1.0	0.6	143	8	EL PENON (SANTANDER)
5966	Nov 3 2017	00:43: 5.6	3.75	-77.11	43	1.2	0.2	160	8	BUENAVENTURA (VALLE)
5967	Nov 3 2017	01:07:24.5	6.76	-73.11	141	1.7	0.5	96	18	LOS SANTOS (SANTANDER)
5968	Nov 3 2017	01:08:38.8	1.92	-75.95	Sup	1.3	0.2	149	10	TIMANA (HUILA)
5969	Nov 3 2017	01:09: 0.8	5.99	-73.95	Sup	1.6	0.5	88	22	LA BELLEZA (SANTANDER)
5970	Nov 3 2017	01:28: 0.1	3.17	-72.98	Sup	2.1	0.5	181	18	PUERTO RICO (META)
5971	Nov 3 2017	02:43:31.0	6.72	-73.19	149	1.3	0.2	226	7	VILLANUEVA (SANTANDER)
5972	Nov 3 2017	03:02:17.4	5.23	-73.73	144	1.4	0.2	135	12	CUCUNUBA (CUNDINAMARCA)
5973	Nov 3 2017	04:20:55.0	6.75	-73.17	143	1.2	0.2	230	9	LOS SANTOS (SANTANDER)
5974	Nov 3 2017	04:55:27.9	2.38	-75.38	Sup	1.7	0.6	100	23	ALGECIRAS (HUILA)
5975	Nov 3 2017	05:55:41.9	6.21	-73.75	99	0.9	0.4	98	10	LANDAZURI (SANTANDER)
5976	Nov 3 2017	05:58: 1.6	6.81	-73.17	143	1.3	0.4	108	13	ZAPATOCA (SANTANDER)
5977	Nov 3 2017	06:16: 4.9	6.77	-73.15	142	1.2	0.4	136	10	LOS SANTOS (SANTANDER)
5978	Nov 3 2017	06:34: 6.7	6.81	-73.17	146	1.5	0.4	109	18	LOS SANTOS (SANTANDER)
5979	Nov 3 2017	06:38:40.8	8.27	-73.12	138	2.1	0.3	191	18	HACARI (N.SANTANDER)
5980	Nov 3 2017	07:18: 1.6	6.80	-73.16	147	2.2	0.3	102	34	LOS SANTOS (SANTANDER)
5981	Nov 3 2017	07:29:18.6	6.69	-73.59	106	0.9	0.4	118	10	EL CARMEN (SANTANDER)
5982	Nov 3 2017	07:43:17.1	6.80	-73.17	143	1.6	0.4	109	22	LOS SANTOS (SANTANDER)
5983	Nov 3 2017	07:43:17.1	6.80	-73.17	143	1.6	0.4	109	22	LOS SANTOS (SANTANDER)
5984	Nov 3 2017	07:59:43.6	6.09	-73.56	115	0.9	0.4	183	9	SAN BENITO (SANTANDER)
5985	Nov 3 2017	08:05:10.8	6.79	-73.15	142	1.2	0.4	135	14	LOS SANTOS (SANTANDER)
5986	Nov 3 2017	08:28:13.6	1.98	-77.24	112	1.1	0.3	279	8	BALBOA (CAUCA)
5987	Nov 3 2017	08:41:14.9	6.79	-73.14	139	1.2	0.7	137	12	LOS SANTOS (SANTANDER)
5988	Nov 3 2017	08:42:42.5	8.67	-77.89	6	2.7	0.6	146	18	FRONTERA CON PANAMA
5989	Nov 3 2017	08:44:40.6	6.77	-73.15	144	1.5	0.3	137	12	LOS SANTOS (SANTANDER)
5990	Nov 3 2017	08:57:21.7	4.97	-78.08	38	1.4	0.2	303	9	O. PACIFICO CENTRO
5991	Nov 3 2017	09:12:52.7	3.42	-74.63	Sup	1.8	0.9	112	41	COLOMBIA (HUILA)
5992	Nov 3 2017	09:38: 9.9	2.33	-75.53	14	1.2	0.3	153	10	GIGANTE (HUILA)
5993	Nov 3 2017	09:50:28.4	3.78	-76.87	36	1.4	1.7	136	10	BUENAVENTURA (VALLE)
5994	Nov 3 2017	10:13:56.4	5.25	-75.82	29	1.7	0.8	111	21	ANSERMA (CALDAS)
5995	Nov 3 2017	10:39:22.9	6.77	-73.16	143	1.3	0.3	136	11	LOS SANTOS (SANTANDER)
5996	Nov 3 2017	10:58:38.3	4.78	-74.62	6	1.1	0.2	116	9	SAN JUAN DE RIOSECO (CUNDINAMARCA)
5997	Nov 3 2017	11:51:23.6	6.78	-73.17	146	1.8	0.4	109	22	LOS SANTOS (SANTANDER)
5998	Nov 3 2017	14:21:13.3	5.79	-74.18	16	0.9	0.3	159	8	OTANCHE (BOYACA)
5999	Nov 3 2017	15:44:60.0	6.29	-73.72	99	1.3	0.4	88	19	SANTA HELENA DEL OPO (SANTANDER)
6000	Nov 3 2017	16:10:23.1	4.94	-76.06	118	1.4	0.3	104	10	EL AGUILA (VALLE)
6001	Nov 3 2017	16:18:24.2	6.04	-73.72	114	1.6	0.5	65	23	VELEZ (SANTANDER)
6002	Nov 3 2017	16:30:46.8	5.29	-73.76	142	1.2	0.4	128	12	CUCUNUBA (CUNDINAMARCA)
6003	Nov 3 2017	16:41:19.6	6.75	-73.15	142	1.4	0.3	138	10	LOS SANTOS (SANTANDER)
6004	Nov 3 2017	17:47:43.4	6.81	-73.14	145	1.8	0.7	112	20	LOS SANTOS (SANTANDER)
6005	Nov 3 2017	18:34: 6.8	6.81	-73.14	143	2.3	0.6	74	38	LOS SANTOS (SANTANDER)
6006	Nov 3 2017	19:05:55.3	2.01	-75.78	24	1.4	0.2	115	10	GUADALUPE (HUILA)
6007	Nov 3 2017	19:54:21.2	3.73	-76.74	30	1.9	0.8	118	20	DAGUA (VALLE)
6008	Nov 3 2017	20:23:34.2	5.64	-73.98	107	1.3	0.4	100	13	PAUNA (BOYACA)
6009	Nov 3 2017	21:15:14.9	6.78	-73.19	131	0.9	0.3	142	8	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6010	Nov 3 2017	21:50: 8.5	6.83	-73.19	138	1.6	0.5	147	12	ZAPATOCA (SANTANDER)
6011	Nov 3 2017	21:51:56.3	6.77	-73.15	143	1.6	0.6	136	22	LOS SANTOS (SANTANDER)
6012	Nov 3 2017	22:01: 5.0	4.88	-74.75	Sup	1.3	0.5	216	9	BELTRAN (CUNDINAMARCA)
6013	Nov 3 2017	23:10:30.1	6.77	-73.20	144	1.1	0.2	130	9	ZAPATOCA (SANTANDER)
6014	Nov 3 2017	23:31:46.8	6.79	-73.15	145	1.6	0.6	111	23	LOS SANTOS (SANTANDER)
6015	Nov 4 2017	00:09:20.8	6.79	-73.12	144	2.0	0.5	113	25	LOS SANTOS (SANTANDER)
6016	Nov 4 2017	00:16:36.1	2.53	-76.12	172	5.2*	1.1	58	282	INZA (CAUCA)
6017	Nov 4 2017	01:22:31.2	1.86	-79.25	8	4.3*	1.3	227	99	O. PACIFICO SUR
6018	Nov 4 2017	01:45:27.2	6.77	-73.15	137	1.5	0.5	112	14	LOS SANTOS (SANTANDER)
6019	Nov 4 2017	02:34:47.2	6.73	-73.46	124	1.1	0.4	151	8	EL CARMEN (SANTANDER)
6020	Nov 4 2017	02:49:40.4	6.74	-73.13	140	1.6	0.4	140	14	LOS SANTOS (SANTANDER)
6021	Nov 4 2017	02:56: 4.4	1.86	-79.23	16	3.4	0.7	239	44	O. PACIFICO SUR
6022	Nov 4 2017	03:09:14.7	4.08	-75.53	Sup	1.0	0.2	141	8	RONCESVALLES (TOLIMA)
6023	Nov 4 2017	03:22:57.6	6.80	-73.14	144	1.5	0.3	112	20	LOS SANTOS (SANTANDER)
6024	Nov 4 2017	04:02:37.1	1.89	-79.22	20	2.8	0.6	239	28	O. PACIFICO SUR
6025	Nov 4 2017	04:05:49.7	6.68	-73.20	138	1.2	0.4	217	10	VILLANUEVA (SANTANDER)
6026	Nov 4 2017	04:08:18.8	6.15	-76.88	6	1.1	0.5	302	8	MEDIO ATRATO (CHOCO)
6027	Nov 4 2017	04:41:58.9	6.28	-73.66	103	1.1	0.3	164	8	SANTA HELENA DEL OPO (SANTANDER)
6028	Nov 4 2017	05:28:48.0	6.81	-73.17	143	1.3	0.3	132	12	LOS SANTOS (SANTANDER)
6029	Nov 4 2017	05:43:35.7	6.79	-73.18	143	1.5	0.4	132	14	ZAPATOCA (SANTANDER)
6030	Nov 4 2017	06:38: 4.1	6.34	-73.39	119	1.0	0.3	105	9	CHIMA (SANTANDER)
6031	Nov 4 2017	07:50:18.4	4.39	-75.89	Sup	2.7	0.9	95	52	CAICEDONIA (VALLE)
6032	Nov 4 2017	08:10:38.9	1.61	-76.88	Sup	1.0	0.3	139	12	LA CRUZ (NARINO)
6033	Nov 4 2017	08:11: 0.7	6.33	-73.69	102	1.8	0.5	79	22	SANTA HELENA DEL OPO (SANTANDER)
6034	Nov 4 2017	08:28:10.9	6.80	-73.12	146	1.7	0.4	139	14	LOS SANTOS (SANTANDER)
6035	Nov 4 2017	09:25:19.3	1.96	-75.89	Sup	0.6	0.2	201	8	TIMANA (HUILA)
6036	Nov 4 2017	09:41:26.4	7.12	-76.84	53	1.8	0.5	195	20	MURINDO (ANTIOQUIA)
6037	Nov 4 2017	09:52: 6.9	6.78	-73.09	139	1.6	0.4	144	14	LOS SANTOS (SANTANDER)
6038	Nov 4 2017	10:17:38.3	5.98	-73.84	106	1.0	0.1	119	9	BOLIVAR (SANTANDER)
6039	Nov 4 2017	10:44:13.6	6.85	-73.19	148	1.2	0.2	189	8	ZAPATOCA (SANTANDER)
6040	Nov 4 2017	11:28:13.3	6.78	-73.14	148	1.8	0.4	113	22	LOS SANTOS (SANTANDER)
6041	Nov 4 2017	12:06:32.1	6.73	-73.18	151	1.1	0.3	228	8	VILLANUEVA (SANTANDER)
6042	Nov 4 2017	12:10:39.8	5.38	-76.68	Sup	1.4	0.1	275	8	EL CANTON DEL SAN PABL (CHOCO)
6043	Nov 4 2017	12:35:41.9	6.99	-73.22	130	2.1	0.7	128	23	GIRON (SANTANDER)
6044	Nov 4 2017	13:20:17.9	7.43	-78.06	Sup	2.2	0.7	117	23	FRONTERA CON PANAMA
6045	Nov 4 2017	13:26: 0.8	4.33	-76.36	132	1.5	0.3	192	10	TRUJILLO (VALLE)
6046	Nov 4 2017	13:42: 9.0	6.95	-76.55	Sup	1.5	0.6	205	16	MURINDO (ANTIOQUIA)
6047	Nov 4 2017	14:04:15.5	6.79	-73.12	144	1.2	0.2	140	8	LOS SANTOS (SANTANDER)
6048	Nov 4 2017	14:28: 0.6	6.64	-74.07	Sup	2.8	0.8	57	44	PUERTO PARRA (SANTANDER)
6049	Nov 4 2017	14:35:49.0	7.41	-73.29	122	1.9	0.6	134	22	EL PLAYON (SANTANDER)
6050	Nov 4 2017	14:52:35.1	6.65	-74.08	9	1.0	0.3	95	11	PUERTO PARRA (SANTANDER)
6051	Nov 4 2017	15:17:45.2	6.74	-73.13	143	1.2	0.1	141	9	LOS SANTOS (SANTANDER)
6052	Nov 4 2017	15:21:24.1	6.65	-74.07	9	1.5	0.4	89	15	PUERTO PARRA (SANTANDER)
6053	Nov 4 2017	15:45:51.2	2.33	-75.58	8	1.5	0.5	74	25	GIGANTE (HUILA)
6054	Nov 4 2017	15:57:49.9	4.52	-74.72	Sup	1.6	0.8	61	23	JERUSALEN (CUNDINAMARCA)
6055	Nov 4 2017	16:23:12.8	6.46	-73.65	104	1.3	0.2	98	12	SANTA HELENA DEL OPO (SANTANDER)
6056	Nov 4 2017	17:07:43.7	6.79	-73.17	147	2.1	0.5	109	26	LOS SANTOS (SANTANDER)
6057	Nov 4 2017	18:03:33.3	6.75	-73.14	139	1.6	0.4	139	15	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6058	Nov 4 2017	18:09:13.7	6.84	-73.13	152	2.5	0.9	66	48	LOS SANTOS (SANTANDER)
6059	Nov 4 2017	18:20:39.0	6.68	-74.10	Sup	1.2	0.5	121	13	PUERTO PARRA (SANTANDER)
6060	Nov 4 2017	18:52:40.0	5.77	-74.77	Sup	1.3	0.3	156	10	PUERTO TRIUNFO (ANTIOQUIA)
6061	Nov 4 2017	19:10:28.1	6.75	-73.13	140	1.5	0.5	140	18	LOS SANTOS (SANTANDER)
6062	Nov 4 2017	19:31:42.8	2.78	-77.77	Sup	1.4	0.5	154	12	O. PACIFICO SUR
6063	Nov 4 2017	20:02:11.3	6.79	-73.13	139	1.8	0.5	113	26	LOS SANTOS (SANTANDER)
6064	Nov 4 2017	20:53: 8.6	2.44	-75.53	26	1.3	0.7	144	11	GIGANTE (HUILA)
6065	Nov 4 2017	20:59: 3.2	6.75	-73.13	143	1.9	0.4	114	25	LOS SANTOS (SANTANDER)
6066	Nov 4 2017	21:11:25.5	2.49	-75.30	9	1.1	0.4	199	10	ALGECIRAS (HUILA)
6067	Nov 4 2017	21:16:41.5	4.74	-74.69	32	1.1	0.2	202	8	PULI (CUNDINAMARCA)
6068	Nov 4 2017	21:19:22.2	2.36	-75.40	14	1.7	0.6	100	18	GIGANTE (HUILA)
6069	Nov 4 2017	21:31:37.6	6.53	-73.51	112	1.5	0.4	66	13	EL CARMEN (SANTANDER)
6070	Nov 4 2017	21:32:18.6	6.77	-73.10	147	1.9	0.6	117	25	LOS SANTOS (SANTANDER)
6071	Nov 4 2017	21:46:43.3	6.78	-73.16	146	1.9	0.5	111	28	LOS SANTOS (SANTANDER)
6072	Nov 4 2017	23:04:27.9	6.78	-73.13	147	1.9	0.6	113	30	LOS SANTOS (SANTANDER)
6073	Nov 4 2017	23:24:26.7	6.73	-73.23	148	1.1	0.3	213	8	VILLANUEVA (SANTANDER)
6074	Nov 4 2017	23:36:23.4	5.98	-76.05	55	1.4	0.5	193	8	SALGAR (ANTIOQUIA)
6075	Nov 4 2017	23:37:52.8	6.76	-73.18	141	0.9	0.3	231	7	LOS SANTOS (SANTANDER)
6076	Nov 4 2017	23:43:16.3	6.81	-73.16	147	1.3	0.4	243	8	LOS SANTOS (SANTANDER)
6077	Nov 4 2017	23:57:22.6	6.85	-73.15	150	3.7	0.6	56	83	LOS SANTOS (SANTANDER)
6078	Nov 5 2017	01:01:51.5	9.74	-72.87	Sup	2.2	0.3	152	15	FRONTERA CON VENEZUELA
6079	Nov 5 2017	01:07:23.3	4.08	-76.37	119	1.1	0.2	259	8	RIOFRIO (VALLE)
6080	Nov 5 2017	01:42:23.5	6.57	-73.48	122	1.7	0.3	68	21	EL CARMEN (SANTANDER)
6081	Nov 5 2017	01:56:32.2	6.77	-73.10	142	1.5	0.2	116	13	LOS SANTOS (SANTANDER)
6082	Nov 5 2017	02:17:39.4	6.82	-73.14	142	1.8	0.3	111	23	LOS SANTOS (SANTANDER)
6083	Nov 5 2017	02:36:14.8	2.67	-73.13	Sup	1.8	0.2	129	16	PUERTO RICO (META)
6084	Nov 5 2017	02:56:41.4	6.77	-73.14	143	1.7	0.4	112	17	LOS SANTOS (SANTANDER)
6085	Nov 5 2017	03:12:16.0	5.31	-73.76	151	1.7	0.5	91	26	LENGUAZQUE (CUNDINAMARCA)
6086	Nov 5 2017	03:17: 6.4	5.63	-78.14	35	2.1	0.2	290	16	O. PACIFICO NORTE
6087	Nov 5 2017	03:21: 2.9	6.81	-73.15	144	1.6	0.4	110	20	LOS SANTOS (SANTANDER)
6088	Nov 5 2017	03:29:19.6	5.57	-76.81	17	1.3	0.2	266	7	RIO QUITO (CHOCO)
6089	Nov 5 2017	03:31: 3.3	6.64	-73.62	106	1.1	0.2	118	8	EL CARMEN (SANTANDER)
6090	Nov 5 2017	04:15:10.2	6.79	-73.12	152	1.7	0.4	114	20	LOS SANTOS (SANTANDER)
6091	Nov 5 2017	04:24: 7.0	6.72	-73.27	140	0.8	0.3	193	7	GALAN (SANTANDER)
6092	Nov 5 2017	04:41:49.0	6.76	-73.50	119	1.2	0.2	150	12	EL CARMEN (SANTANDER)
6093	Nov 5 2017	05:12:20.1	6.73	-73.11	147	1.8	0.3	125	20	JORDAN (SANTANDER)
6094	Nov 5 2017	05:36: 6.2	7.55	-77.65	18	1.7	0.6	137	12	JURADO (CHOCO)
6095	Nov 5 2017	05:40: 0.8	5.70	-73.93	110	1.0	0.2	208	12	BRICENO (BOYACA)
6096	Nov 5 2017	05:56: 3.1	6.77	-73.12	148	1.6	0.4	140	22	LOS SANTOS (SANTANDER)
6097	Nov 5 2017	05:59: 4.1	6.66	-73.16	140	0.9	0.3	226	8	VILLANUEVA (SANTANDER)
6098	Nov 5 2017	06:08:29.7	6.63	-73.61	104	0.9	0.1	119	8	EL CARMEN (SANTANDER)
6099	Nov 5 2017	06:10:32.9	7.04	-73.34	115	1.9	0.5	138	20	LEBRIJA (SANTANDER)
6100	Nov 5 2017	06:11:32.1	5.44	-73.68	142	1.6	0.3	130	18	GUACHETA (CUNDINAMARCA)
6101	Nov 5 2017	06:33:32.1	8.43	-75.33	Sup	1.7	0.5	123	16	PUEBLO NUEVO (CORDOBA)
6102	Nov 5 2017	06:45:12.8	6.81	-73.01	131	0.8	0.3	153	8	CEPITA (SANTANDER)
6103	Nov 5 2017	07:01:29.2	6.81	-73.12	138	0.9	0.3	139	10	LOS SANTOS (SANTANDER)
6104	Nov 5 2017	07:09: 0.7	6.78	-73.14	146	1.7	0.6	112	24	LOS SANTOS (SANTANDER)
6105	Nov 5 2017	07:33:21.2	10.08	-74.41	60	1.5	0.2	113	8	SABANAS DE SAN ANGEL (MAGDALENA)
6106	Nov 5 2017	07:56: 4.2	6.79	-73.14	146	1.3	0.4	137	14	LOS SANTOS (SANTANDER)
6107	Nov 5 2017	08:16:14.8	6.80	-73.13	145	2.2	0.7	66	50	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6108	Nov 5 2017	08:25:59.7	6.74	-73.22	149	0.9	0.3	220	8	VILLANUEVA (SANTANDER)
6109	Nov 5 2017	08:37:40.9	6.78	-73.14	144	1.2	0.2	137	14	LOS SANTOS (SANTANDER)
6110	Nov 5 2017	08:46: 2.6	6.74	-73.20	140	0.8	0.3	224	8	VILLANUEVA (SANTANDER)
6111	Nov 5 2017	09:22:40.5	7.59	-73.45	111	1.2	0.4	203	14	LA ESPERANZA (N.SANTANDER)
6112	Nov 5 2017	09:55:41.2	7.08	-73.41	112	0.9	0.3	157	9	LEBRIJA (SANTANDER)
6113	Nov 5 2017	09:56:25.0	6.57	-73.27	152	1.6	0.6	76	19	PALMAR (SANTANDER)
6114	Nov 5 2017	10:14:26.3	6.78	-73.12	149	2.0	0.5	71	33	LOS SANTOS (SANTANDER)
6115	Nov 5 2017	10:22:19.2	4.39	-77.79	29	1.6	0.5	283	10	O. PACIFICO CENTRO
6116	Nov 5 2017	11:25: 5.7	6.78	-73.14	146	1.7	0.4	153	18	LOS SANTOS (SANTANDER)
6117	Nov 5 2017	11:30:47.5	9.81	-74.66	Sup	2.0	0.8	98	21	PLATO (MAGDALENA)
6118	Nov 5 2017	13:55: 8.6	5.29	-73.70	150	1.8	0.5	207	21	LENGUAZAQUE (CUNDINAMARCA)
6119	Nov 5 2017	14:48:10.0	6.76	-73.16	138	1.1	0.3	136	10	LOS SANTOS (SANTANDER)
6120	Nov 5 2017	15:35:55.6	9.62	-73.77	89	2.0	0.5	77	19	EL PASO (CESAR)
6121	Nov 5 2017	15:57:38.6	6.77	-73.13	147	1.5	0.3	139	12	LOS SANTOS (SANTANDER)
6122	Nov 5 2017	16:06:49.3	6.78	-76.74	Sup	1.6	0.6	170	16	MURINDO (ANTIOQUIA)
6123	Nov 5 2017	16:07:48.0	6.77	-73.11	145	1.4	0.4	142	14	LOS SANTOS (SANTANDER)
6124	Nov 5 2017	17:30:21.9	7.05	-73.31	121	1.2	0.2	139	12	LEBRIJA (SANTANDER)
6125	Nov 5 2017	17:32:54.2	6.72	-73.14	146	1.6	0.4	92	16	JORDAN (SANTANDER)
6126	Nov 5 2017	18:05:47.8	11.44	-72.54	6	3.1	0.8	165	37	MANAURE BALCON CESAR (CESAR)
6127	Nov 5 2017	18:10:49.9	6.78	-73.14	146	1.4	0.4	137	14	LOS SANTOS (SANTANDER)
6128	Nov 5 2017	18:27:29.0	5.50	-74.08	106	0.8	0.3	206	8	MUZO (BOYACA)
6129	Nov 5 2017	18:45: 2.9	6.90	-76.18	Sup	1.8	0.5	156	19	URAMITA (ANTIOQUIA)
6130	Nov 5 2017	19:05:53.0	5.21	-73.74	139	1.1	0.2	243	7	CUCUNUBA (CUNDINAMARCA)
6131	Nov 5 2017	19:14:31.2	6.77	-73.19	145	1.1	0.2	230	8	ZAPATOCA (SANTANDER)
6132	Nov 5 2017	19:29:30.7	6.80	-73.12	140	1.3	0.3	139	13	LOS SANTOS (SANTANDER)
6133	Nov 5 2017	19:33:19.0	3.82	-75.94	Sup	1.3	0.2	151	8	SAN PEDRO (VALLE)
6134	Nov 5 2017	19:34: 1.4	6.78	-73.18	147	0.9	0.2	142	7	LOS SANTOS (SANTANDER)
6135	Nov 5 2017	19:44:27.9	6.74	-73.17	144	1.2	0.4	135	9	VILLANUEVA (SANTANDER)
6136	Nov 5 2017	20:54:37.4	2.85	-74.84	Sup	1.8	0.8	87	38	TELLO (HUILA)
6137	Nov 5 2017	21:38:33.9	6.78	-73.14	145	1.1	0.3	137	9	LOS SANTOS (SANTANDER)
6138	Nov 5 2017	21:57:12.6	5.08	-74.72	23	0.9	0.3	111	11	HONDA (TOLIMA)
6139	Nov 5 2017	22:01:47.4	7.56	-75.14	25	1.5	0.5	159	15	CACERES (ANTIOQUIA)
6140	Nov 5 2017	22:07:21.5	6.78	-73.14	146	0.9	0.4	138	11	LOS SANTOS (SANTANDER)
6141	Nov 5 2017	22:32:13.5	6.78	-73.14	150	1.2	0.4	137	14	LOS SANTOS (SANTANDER)
6142	Nov 5 2017	22:43:43.4	6.81	-73.13	144	1.5	0.6	137	18	LOS SANTOS (SANTANDER)
6143	Nov 5 2017	23:17:32.2	6.84	-73.11	152	1.1	0.4	137	8	LOS SANTOS (SANTANDER)
6144	Nov 5 2017	23:33: 2.4	6.78	-73.14	143	1.6	0.5	113	22	LOS SANTOS (SANTANDER)
6145	Nov 5 2017	23:58:54.7	8.14	-75.57	10	1.7	0.6	93	20	BUENAVISTA (CORDOBA)
6146	Nov 6 2017	01:20:31.2	4.14	-75.89	Sup	1.1	0.4	107	16	GENOVA (QUINDIO)
6147	Nov 6 2017	01:44:13.7	6.83	-73.15	148	2.4	0.5	64	54	LOS SANTOS (SANTANDER)
6148	Nov 6 2017	01:59:24.7	6.75	-73.12	150	1.4	0.4	115	15	LOS SANTOS (SANTANDER)
6149	Nov 6 2017	02:26:15.5	6.78	-73.23	142	1.4	0.3	104	12	ZAPATOCA (SANTANDER)
6150	Nov 6 2017	02:47: 2.5	5.64	-73.74	118	1.2	0.4	109	13	SABOYA (BOYACA)
6151	Nov 6 2017	03:06:26.6	6.86	-73.15	138	1.4	0.6	132	14	LOS SANTOS (SANTANDER)
6152	Nov 6 2017	03:56:45.2	6.82	-73.12	144	0.9	0.4	138	7	LOS SANTOS (SANTANDER)
6153	Nov 6 2017	04:18:56.9	6.82	-73.14	144	2.0	0.4	105	35	LOS SANTOS (SANTANDER)
6154	Nov 6 2017	04:31:10.0	6.86	-73.11	151	2.6	0.5	67	54	LOS SANTOS (SANTANDER)
6155	Nov 6 2017	05:11:13.3	4.80	-76.25	101	1.9	0.4	65	32	EL CAIRO (VALLE)
6156	Nov 6 2017	05:18:16.3	3.77	-76.97	21	1.5	0.6	135	16	BUENAVENTURA (VALLE)
6157	Nov 6 2017	05:27:31.3	6.78	-73.08	144	1.0	0.5	145	12	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6158	Nov 6 2017	05:46:32.2	6.82	-73.13	146	1.8	0.7	112	29	LOS SANTOS (SANTANDER)
6159	Nov 6 2017	06:17:16.5	8.89	-73.39	82	1.5	0.5	130	18	PAILITAS (CESAR)
6160	Nov 6 2017	06:40:14.7	10.74	-73.38	84	1.3	0.2	118	11	PUEBLO BELLO (CESAR)
6161	Nov 6 2017	06:48:32.9	6.85	-73.15	147	2.0	0.5	64	38	LOS SANTOS (SANTANDER)
6162	Nov 6 2017	07:46:23.5	6.44	-72.23	7	1.5	0.4	119	20	GUICAN (BOYACA)
6163	Nov 6 2017	08:13:24.6	1.95	-75.92	Sup	0.9	0.1	141	10	TIMANA (HUILA)
6164	Nov 6 2017	08:23:59.0	6.70	-73.17	150	1.2	0.2	237	8	VILLANUEVA (SANTANDER)
6165	Nov 6 2017	08:40:59.3	5.52	-73.97	124	1.8	0.6	58	34	BUENAVISTA (BOYACA)
6166	Nov 6 2017	08:46:21.4	3.88	-76.18	112	2.1	0.4	70	34	BUGA (VALLE)
6167	Nov 6 2017	09:04:52.8	4.45	-76.22	101	1.1	0.1	152	8	EL DOVIO (VALLE)
6168	Nov 6 2017	09:09:14.1	5.65	-74.01	111	1.4	0.3	123	22	PAUNA (BOYACA)
6169	Nov 6 2017	09:14:35.7	6.79	-73.15	136	1.2	0.3	149	12	LOS SANTOS (SANTANDER)
6170	Nov 6 2017	09:29:23.2	4.27	-78.19	48	2.3	0.5	222	34	O. PACIFICO CENTRO
6171	Nov 6 2017	09:41:17.2	5.35	-73.80	146	1.4	0.4	254	11	UBATE (CUNDINAMARCA)
6172	Nov 6 2017	09:46:38.5	6.58	-73.62	108	1.1	0.2	183	8	EL CARMEN (SANTANDER)
6173	Nov 6 2017	09:59:15.2	6.71	-73.12	143	1.2	0.4	171	10	JORDAN (SANTANDER)
6174	Nov 6 2017	10:15:44.9	6.46	-73.69	Sup	1.1	0.5	157	12	SANTA HELENA DEL OPO (SANTANDER)
6175	Nov 6 2017	11:22:36.1	2.52	-75.58	11	2.0	0.4	124	22	IQUIRA (HUILA)
6176	Nov 6 2017	11:25: 2.8	6.85	-73.16	150	2.0	0.7	77	29	ZAPATOCA (SANTANDER)
6177	Nov 6 2017	11:42:40.8	5.51	-72.64	Sup	1.5	0.9	117	16	LABRANZAGRANDE (BOYACA)
6178	Nov 6 2017	12:04:47.1	4.08	-76.45	78	1.5	0.4	122	12	CALIMA (VALLE)
6179	Nov 6 2017	12:21:58.1	6.69	-73.12	148	1.3	0.3	107	10	JORDAN (SANTANDER)
6180	Nov 6 2017	13:09:51.4	9.18	-77.93	13	2.7	0.8	160	29	MAR CARIBE
6181	Nov 6 2017	14:19:45.5	6.78	-73.17	139	1.4	0.3	143	13	LOS SANTOS (SANTANDER)
6182	Nov 6 2017	14:53:26.7	1.93	-76.17	Sup	1.1	0.1	151	10	ISNOS (HUILA)
6183	Nov 6 2017	15:20:38.2	3.66	-76.51	Sup	1.3	0.5	171	16	LA CUMBRE (VALLE)
6184	Nov 6 2017	15:51:43.6	5.64	-75.93	Sup	1.5	0.9	135	20	ANDES (ANTIOQUIA)
6185	Nov 6 2017	16:17:25.8	6.81	-73.14	144	2.5	0.7	112	42	LOS SANTOS (SANTANDER)
6186	Nov 6 2017	16:38:23.7	6.79	-73.17	150	1.5	0.4	234	12	LOS SANTOS (SANTANDER)
6187	Nov 6 2017	17:20:59.8	3.23	-79.13	17	1.8	0.6	297	11	O. PACIFICO SUR
6188	Nov 6 2017	17:30:51.9	9.85	-73.49	Sup	2.1	0.7	124	18	BECERRIL (CESAR)
6189	Nov 6 2017	17:59:22.7	4.84	-76.07	113	2.6	0.7	70	46	EL AGUILA (VALLE)
6190	Nov 6 2017	18:45: 5.6	6.80	-73.14	143	2.8	0.6	73	46	LOS SANTOS (SANTANDER)
6191	Nov 6 2017	18:52:16.2	6.42	-72.32	Sup	1.6	0.3	112	18	GUICAN (BOYACA)
6192	Nov 6 2017	19:07:54.0	6.84	-73.09	132	1.5	0.5	141	7	LOS SANTOS (SANTANDER)
6193	Nov 6 2017	19:41:25.8	1.90	-75.99	11	1.5	0.4	111	17	PITALITO (HUILA)
6194	Nov 6 2017	20:46:18.6	6.86	-73.14	148	3.0	0.8	56	57	LOS SANTOS (SANTANDER)
6195	Nov 6 2017	20:59:27.4	5.99	-73.67	119	1.5	0.4	109	16	VELEZ (SANTANDER)
6196	Nov 6 2017	21:15: 4.7	3.87	-71.54	Sup	2.3	0.6	225	16	PUERTO GAITAN (META)
6197	Nov 6 2017	22:19:21.7	6.82	-73.09	138	1.2	0.4	142	13	LOS SANTOS (SANTANDER)
6198	Nov 6 2017	22:22:56.5	6.83	-73.11	136	1.2	0.3	247	8	LOS SANTOS (SANTANDER)
6199	Nov 6 2017	23:33:29.2	6.45	-76.80	32	2.0	0.8	235	16	VIGIA DEL FUERTE (ANTIOQUIA)
6200	Nov 6 2017	23:37:18.8	6.85	-73.14	150	2.9	0.8	65	48	LOS SANTOS (SANTANDER)
6201	Nov 7 2017	00:03:14.0	5.98	-74.03	Sup	1.3	0.6	90	14	LA BELLEZA (SANTANDER)
6202	Nov 7 2017	00:45:19.0	5.28	-73.76	152	1.8	0.5	92	22	CUCUNUBA (CUNDINAMARCA)
6203	Nov 7 2017	01:42:38.7	2.46	-75.51	8	0.9	0.4	162	11	GIGANTE (HUILA)
6204	Nov 7 2017	01:50:37.7	6.80	-73.15	144	1.7	0.5	110	22	LOS SANTOS (SANTANDER)
6205	Nov 7 2017	02:06: 9.1	5.57	-76.04	24	1.9	0.7	153	14	ANDES (ANTIOQUIA)
6206	Nov 7 2017	03:01:17.1	5.96	-74.02	Sup	1.0	0.6	146	12	LA BELLEZA (SANTANDER)
6207	Nov 7 2017	03:04:14.3	6.92	-73.18	157	1.2	0.3	130	8	BETULIA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6208	Nov 7 2017	03:15:58.6	1.69	-76.55	Sup	1.0	0.4	142	12	SANTA ROSA (CAUCA)
6209	Nov 7 2017	03:17:23.1	6.75	-73.15	148	1.6	0.5	247	10	LOS SANTOS (SANTANDER)
6210	Nov 7 2017	04:12:20.8	6.80	-73.18	144	1.5	0.4	108	20	ZAPATOCA (SANTANDER)
6211	Nov 7 2017	04:51:31.9	6.78	-73.15	139	1.7	0.5	112	25	LOS SANTOS (SANTANDER)
6212	Nov 7 2017	04:53:54.4	6.66	-74.07	Sup	1.7	0.4	86	20	PUERTO PARRA (SANTANDER)
6213	Nov 7 2017	05:09:36.1	6.84	-73.13	152	2.1	0.4	66	38	LOS SANTOS (SANTANDER)
6214	Nov 7 2017	05:13:55.5	6.29	-73.11	186	2.1	0.5	62	36	CHARALA (SANTANDER)
6215	Nov 7 2017	06:28: 4.1	1.94	-75.92	Sup	1.3	0.4	143	10	TIMANA (HUILA)
6216	Nov 7 2017	06:30:29.2	6.82	-73.15	143	2.1	0.5	110	34	LOS SANTOS (SANTANDER)
6217	Nov 7 2017	07:19:14.6	6.77	-73.13	148	1.7	0.5	114	24	LOS SANTOS (SANTANDER)
6218	Nov 7 2017	07:29:30.9	6.80	-73.15	148	1.4	0.4	111	13	LOS SANTOS (SANTANDER)
6219	Nov 7 2017	07:33: 6.5	6.76	-73.13	142	1.2	0.4	114	13	LOS SANTOS (SANTANDER)
6220	Nov 7 2017	08:08:29.2	2.61	-78.20	12	1.2	0.7	218	10	EL CHARCO (NARINO)
6221	Nov 7 2017	08:22:52.1	6.81	-73.14	140	1.2	0.3	149	9	LOS SANTOS (SANTANDER)
6222	Nov 7 2017	09:20:23.8	6.02	-73.70	102	0.9	0.4	183	10	VELEZ (SANTANDER)
6223	Nov 7 2017	09:59: 5.9	6.79	-73.13	146	1.4	0.3	262	10	LOS SANTOS (SANTANDER)
6224	Nov 7 2017	12:02: 7.5	6.78	-73.11	143	1.8	0.5	159	19	LOS SANTOS (SANTANDER)
6225	Nov 7 2017	12:47:60.0	6.34	-73.60	114	1.7	0.4	86	13	SANTA HELENA DEL OPO (SANTANDER)
6226	Nov 7 2017	13:05:13.2	6.83	-73.15	155	3.1	0.8	56	65	LOS SANTOS (SANTANDER)
6227	Nov 7 2017	13:18:42.5	6.74	-73.10	139	1.5	0.3	173	10	JORDAN (SANTANDER)
6228	Nov 7 2017	13:53:42.2	6.83	-73.15	151	2.1	0.5	109	24	LOS SANTOS (SANTANDER)
6229	Nov 7 2017	14:51:27.4	3.58	-75.67	Sup	1.9	0.5	92	17	RIOBLANCO (TOLIMA)
6230	Nov 7 2017	17:23:38.7	6.80	-73.17	144	1.3	0.2	144	8	LOS SANTOS (SANTANDER)
6231	Nov 7 2017	17:55:48.5	6.72	-73.16	145	1.6	0.5	137	18	VILLANUEVA (SANTANDER)
6232	Nov 7 2017	18:19:51.2	2.10	-75.72	15	1.4	0.5	103	15	ALTAMIRA (HUILA)
6233	Nov 7 2017	18:29:20.8	6.77	-73.17	130	1.4	0.4	134	10	LOS SANTOS (SANTANDER)
6234	Nov 7 2017	22:24:26.0	6.87	-73.14	149	3.4	1.0	64	57	LOS SANTOS (SANTANDER)
6235	Nov 8 2017	00:04:43.1	6.99	-73.14	158	1.2	0.4	131	7	GIRON (SANTANDER)
6236	Nov 8 2017	00:08:18.0	6.76	-73.14	141	1.4	0.5	113	17	LOS SANTOS (SANTANDER)
6237	Nov 8 2017	01:31:54.8	6.81	-73.13	146	1.8	0.2	112	17	LOS SANTOS (SANTANDER)
6238	Nov 8 2017	01:47:44.3	4.77	-76.13	103	1.2	0.2	118	9	ARGELIA (VALLE)
6239	Nov 8 2017	02:09:25.9	6.77	-73.10	146	1.5	0.4	143	16	LOS SANTOS (SANTANDER)
6240	Nov 8 2017	02:20: 2.1	6.78	-73.15	146	1.6	0.4	111	20	LOS SANTOS (SANTANDER)
6241	Nov 8 2017	02:39:29.6	6.78	-73.14	148	1.4	0.4	138	16	LOS SANTOS (SANTANDER)
6242	Nov 8 2017	02:47:23.0	6.78	-73.15	142	1.1	0.3	136	10	LOS SANTOS (SANTANDER)
6243	Nov 8 2017	02:56:56.1	1.90	-75.96	23	0.8	0.3	154	10	TIMANA (HUILA)
6244	Nov 8 2017	03:13:37.2	6.80	-73.13	140	2.1	0.4	101	34	LOS SANTOS (SANTANDER)
6245	Nov 8 2017	05:31:36.2	6.73	-73.17	141	1.1	0.3	136	10	VILLANUEVA (SANTANDER)
6246	Nov 8 2017	06:27:23.3	6.76	-73.21	151	1.1	0.1	225	7	ZAPATOCA (SANTANDER)
6247	Nov 8 2017	06:34: 0.5	6.81	-73.13	145	1.4	0.3	137	16	LOS SANTOS (SANTANDER)
6248	Nov 8 2017	07:28:11.1	6.92	-78.10	Sup	3.0	0.6	172	45	O. PACIFICO NORTE
6249	Nov 8 2017	08:07:45.1	6.80	-73.17	150	1.6	0.4	109	24	LOS SANTOS (SANTANDER)
6250	Nov 8 2017	08:23:35.6	6.73	-73.13	147	1.1	0.5	141	14	LOS SANTOS (SANTANDER)
6251	Nov 8 2017	08:55:14.2	6.53	-76.79	16	1.4	0.8	236	11	VIGIA DEL FUERTE (ANTIOQUIA)
6252	Nov 8 2017	08:58:43.5	5.59	-77.56	Sup	2.3	0.6	231	13	O. PACIFICO NORTE
6253	Nov 8 2017	09:09:42.7	6.86	-73.15	145	2.2	0.8	132	30	LOS SANTOS (SANTANDER)
6254	Nov 8 2017	09:18:26.5	5.31	-73.81	143	1.0	0.5	108	10	UBATE (CUNDINAMARCA)
6255	Nov 8 2017	09:20:24.6	6.80	-73.16	144	1.9	0.5	102	23	LOS SANTOS (SANTANDER)
6256	Nov 8 2017	10:38:28.7	4.12	-76.21	Sup	1.0	0.3	132	8	TULUA (VALLE)
6257	Nov 8 2017	10:53:32.1	6.81	-73.15	149	2.3	0.8	74	44	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6258	Nov 8 2017	10:56:34.4	4.97	-74.56	21	0.8	0.2	190	9	CHAGUANI (CUNDINAMARCA)
6259	Nov 8 2017	12:01:12.8	6.65	-73.62	107	1.1	0.3	118	8	EL CARMEN (SANTANDER)
6260	Nov 8 2017	13:40:24.2	6.73	-73.17	148	1.4	0.3	229	8	VILLANUEVA (SANTANDER)
6261	Nov 8 2017	15:04:31.4	6.79	-73.13	143	1.6	0.1	138	7	LOS SANTOS (SANTANDER)
6262	Nov 8 2017	15:17:46.9	6.80	-73.18	144	1.8	0.4	108	22	ZAPATOCA (SANTANDER)
6263	Nov 8 2017	15:54:41.6	6.82	-73.15	145	1.6	0.5	134	19	LOS SANTOS (SANTANDER)
6264	Nov 8 2017	16:14:50.1	6.52	-73.57	108	1.7	0.7	94	18	EL CARMEN (SANTANDER)
6265	Nov 8 2017	16:16:54.7	6.80	-73.12	141	1.2	0.1	139	7	LOS SANTOS (SANTANDER)
6266	Nov 8 2017	16:40:22.6	6.80	-73.15	145	1.3	0.3	237	10	LOS SANTOS (SANTANDER)
6267	Nov 8 2017	17:06:57.5	5.83	-74.88	Sup	1.2	0.5	143	12	SAN LUIS (ANTIOQUIA)
6268	Nov 8 2017	17:10:23.5	6.77	-73.13	140	1.8	0.4	114	22	LOS SANTOS (SANTANDER)
6269	Nov 8 2017	18:16:53.9	4.66	-76.27	96	1.6	0.3	120	14	EL CAIRO (VALLE)
6270	Nov 8 2017	19:40:17.7	6.78	-73.19	143	2.0	0.3	108	18	ZAPATOCA (SANTANDER)
6271	Nov 8 2017	19:49:50.5	6.75	-73.12	144	1.4	0.3	141	12	LOS SANTOS (SANTANDER)
6272	Nov 8 2017	19:57:28.7	2.05	-75.90	Sup	1.2	0.1	134	8	ELIAS (HUILA)
6273	Nov 8 2017	20:02:27.8	6.78	-73.14	140	1.8	0.5	112	22	LOS SANTOS (SANTANDER)
6274	Nov 8 2017	20:46:54.9	4.25	-76.78	7	1.8	0.4	151	14	SIPI (CHOCO)
6275	Nov 8 2017	20:59:14.7	2.45	-75.50	18	1.3	0.4	152	7	GIGANTE (HUILA)
6276	Nov 8 2017	21:29:57.7	2.30	-77.14	55	1.5	0.3	105	12	ARGELIA (CAUCA)
6277	Nov 8 2017	21:48:47.5	5.89	-74.88	Sup	1.4	0.8	125	14	SAN LUIS (ANTIOQUIA)
6278	Nov 8 2017	22:42:30.4	6.82	-73.16	141	1.5	0.5	133	18	LOS SANTOS (SANTANDER)
6279	Nov 8 2017	22:42:59.4	6.81	-73.11	145	1.5	0.4	242	10	LOS SANTOS (SANTANDER)
6280	Nov 8 2017	22:45:45.3	6.80	-73.11	140	2.4	0.8	67	40	LOS SANTOS (SANTANDER)
6281	Nov 8 2017	23:04:52.6	3.85	-76.97	36	1.9	0.1	139	8	BUENAVENTURA (VALLE)
6282	Nov 9 2017	00:22:12.1	6.78	-73.13	145	2.1	0.7	67	30	LOS SANTOS (SANTANDER)
6283	Nov 9 2017	01:54:23.8	5.25	-73.74	148	2.1	0.5	56	27	CUCUNUBA (CUNDINAMARCA)
6284	Nov 9 2017	03:09: 5.6	6.81	-73.15	144	2.1	0.5	65	29	LOS SANTOS (SANTANDER)
6285	Nov 9 2017	04:17:17.5	6.81	-73.13	141	2.0	0.4	66	36	LOS SANTOS (SANTANDER)
6286	Nov 9 2017	04:20:50.5	6.90	-78.10	Sup	3.1	1.0	120	66	O. PACIFICO NORTE
6287	Nov 9 2017	04:34: 9.8	3.89	-77.09	67	1.1	0.3	134	10	BUENAVENTURA (VALLE)
6288	Nov 9 2017	04:46:24.0	6.75	-73.20	152	1.2	0.2	204	10	VILLANUEVA (SANTANDER)
6289	Nov 9 2017	05:02:31.1	6.79	-73.13	144	1.8	0.3	67	26	LOS SANTOS (SANTANDER)
6290	Nov 9 2017	05:16:54.4	1.97	-75.91	16	0.8	0.1	137	8	TIMANA (HUILA)
6291	Nov 9 2017	05:34: 1.5	4.25	-76.28	134	1.7	0.5	157	24	TRUJILLO (VALLE)
6292	Nov 9 2017	06:20:36.3	6.76	-73.16	144	1.3	0.4	136	10	LOS SANTOS (SANTANDER)
6293	Nov 9 2017	06:28:47.8	4.46	-75.02	12	1.4	0.6	87	18	ALVARADO (TOLIMA)
6294	Nov 9 2017	06:39:28.9	6.80	-74.32	Sup	3.2	1.0	45	73	PUERTO PARRA (SANTANDER)
6295	Nov 9 2017	07:24:20.7	3.93	-75.96	144	1.2	0.2	200	9	SAN PEDRO (VALLE)
6296	Nov 9 2017	08:13:49.6	6.77	-73.15	143	1.7	0.4	111	28	LOS SANTOS (SANTANDER)
6297	Nov 9 2017	08:52: 9.0	5.25	-73.73	153	3.1	0.5	55	64	CUCUNUBA (CUNDINAMARCA)
6298	Nov 9 2017	09:13:27.2	2.87	-77.67	Sup	1.2	0.4	147	10	TIMBIQUI (CAUCA)
6299	Nov 9 2017	09:49:51.6	4.44	-75.07	Sup	1.9	0.6	84	34	IBAGUE (TOLIMA)
6300	Nov 9 2017	10:05:27.3	6.79	-73.15	148	2.3	0.7	65	40	LOS SANTOS (SANTANDER)
6301	Nov 9 2017	10:12: 5.5	9.32	-77.17	23	2.4	1.2	119	32	MAR CARIBE
6302	Nov 9 2017	10:49:18.2	6.78	-73.14	144	1.5	0.0	137	7	LOS SANTOS (SANTANDER)
6303	Nov 9 2017	10:59:26.3	6.77	-73.09	150	1.8	0.3	144	9	LOS SANTOS (SANTANDER)
6304	Nov 9 2017	11:09: 2.0	4.70	-75.59	Sup	0.9	0.6	157	8	SALENTO (QUINDIO)
6305	Nov 9 2017	11:17:41.9	6.70	-73.11	144	1.8	0.3	177	9	JORDAN (SANTANDER)
6306	Nov 9 2017	12:33:49.0	6.78	-76.73	Sup	1.4	0.5	137	14	MURINDO (ANTIOQUIA)
6307	Nov 9 2017	13:10:22.1	5.78	-72.58	Sup	1.5	0.6	102	14	PISVA (BOYACA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6308	Nov 9 2017	13:20: 4.1	3.83	-76.17	139	1.5	0.4	106	14	BUGA (VALLE)
6309	Nov 9 2017	14:33:57.4	6.83	-71.94	Sup	1.7	0.4	215	8	SARAVENA (ARAUCA)
6310	Nov 9 2017	14:55:13.4	6.78	-73.11	150	2.0	0.7	115	26	LOS SANTOS (SANTANDER)
6311	Nov 9 2017	15:02:55.2	8.05	-77.85	9	2.5	0.6	238	17	FRONTERA CON PANAMA
6312	Nov 9 2017	16:41:33.0	3.87	-76.93	Sup	1.6	0.8	103	18	BUENAVENTURA (VALLE)
6313	Nov 9 2017	17:42:57.2	4.64	-76.21	126	1.3	0.5	153	10	VERSALLES (VALLE)
6314	Nov 9 2017	21:04:27.0	6.83	-73.16	143	1.7	0.3	133	16	LOS SANTOS (SANTANDER)
6315	Nov 9 2017	21:11:53.7	6.25	-73.13	175	2.0	0.4	147	18	CHARALA (SANTANDER)
6316	Nov 9 2017	21:32:43.3	7.06	-77.15	68	1.7	0.3	184	8	RIOSUCIO (CHOCO)
6317	Nov 9 2017	21:34:10.9	6.94	-73.22	138	1.6	0.4	124	11	BETULIA (SANTANDER)
6318	Nov 9 2017	21:45:38.4	6.62	-73.52	100	1.6	0.5	83	16	EL CARMEN (SANTANDER)
6319	Nov 10 2017	00:57:25.9	6.75	-73.13	147	1.8	0.5	114	21	LOS SANTOS (SANTANDER)
6320	Nov 10 2017	00:59:27.5	6.77	-73.15	150	1.4	0.3	137	10	LOS SANTOS (SANTANDER)
6321	Nov 10 2017	01:47:55.9	9.29	-73.66	95	1.9	0.4	253	12	CHIRIGUANA (CESAR)
6322	Nov 10 2017	02:20:13.2	6.79	-73.11	150	1.9	0.7	115	24	LOS SANTOS (SANTANDER)
6323	Nov 10 2017	03:32: 5.3	6.75	-73.13	145	1.4	0.5	236	12	LOS SANTOS (SANTANDER)
6324	Nov 10 2017	04:08:24.1	6.79	-73.12	149	1.4	0.4	139	15	LOS SANTOS (SANTANDER)
6325	Nov 10 2017	05:07:27.0	6.90	-74.60	Sup	1.0	0.2	181	8	REMEDIOS (ANTIOQUIA)
6326	Nov 10 2017	05:08: 9.1	6.75	-73.17	148	1.4	0.4	135	13	LOS SANTOS (SANTANDER)
6327	Nov 10 2017	05:15:21.2	6.72	-73.14	136	1.3	0.4	140	14	JORDAN (SANTANDER)
6328	Nov 10 2017	05:38:46.7	6.79	-73.11	146	1.4	0.3	140	16	LOS SANTOS (SANTANDER)
6329	Nov 10 2017	06:28:27.7	5.29	-73.74	146	1.2	0.4	232	10	LENGUAZQUE (CUNDINAMARCA)
6330	Nov 10 2017	06:48:42.6	6.81	-73.12	143	1.9	0.5	67	38	LOS SANTOS (SANTANDER)
6331	Nov 10 2017	07:02:50.1	10.22	-73.14	117	1.2	0.3	176	8	SAN DIEGO (CESAR)
6332	Nov 10 2017	07:04:59.0	5.24	-73.74	143	1.2	0.1	275	10	CUCUNUBA (CUNDINAMARCA)
6333	Nov 10 2017	08:16:27.2	6.66	-73.42	121	1.1	0.3	158	9	EL CARMEN (SANTANDER)
6334	Nov 10 2017	08:30:50.0	6.82	-73.13	150	2.1	0.6	66	40	LOS SANTOS (SANTANDER)
6335	Nov 10 2017	08:36: 5.0	6.80	-73.14	148	1.4	0.3	150	14	LOS SANTOS (SANTANDER)
6336	Nov 10 2017	08:38:18.6	10.83	-73.91	Sup	1.6	0.5	122	12	PUEBLO BELLO (CESAR)
6337	Nov 10 2017	08:39:55.5	6.76	-73.11	149	1.3	0.2	166	12	LOS SANTOS (SANTANDER)
6338	Nov 10 2017	09:30:18.7	10.24	-72.80	Sup	1.8	0.4	223	14	FRONTERA CON VENEZUELA
6339	Nov 10 2017	09:32:52.3	6.77	-73.12	143	1.4	0.4	115	18	LOS SANTOS (SANTANDER)
6340	Nov 10 2017	09:45:10.1	2.19	-76.03	Sup	2.4	0.6	82	40	LA ARGENTINA (HUILA)
6341	Nov 10 2017	11:03:46.3	6.80	-73.17	145	1.5	0.5	141	13	LOS SANTOS (SANTANDER)
6342	Nov 10 2017	11:08: 6.1	7.19	-71.67	8	1.7	0.2	271	10	FRONTERA CON VENEZUELA
6343	Nov 10 2017	11:21:53.5	6.81	-73.12	149	1.5	0.6	156	18	LOS SANTOS (SANTANDER)
6344	Nov 10 2017	12:19:53.0	6.75	-73.16	143	1.5	0.3	150	11	LOS SANTOS (SANTANDER)
6345	Nov 10 2017	12:32: 5.7	6.65	-74.07	19	1.3	0.4	159	8	PUERTO PARRA (SANTANDER)
6346	Nov 10 2017	12:32:24.2	6.66	-74.07	9	1.6	0.3	158	9	PUERTO PARRA (SANTANDER)
6347	Nov 10 2017	13:01:48.5	6.63	-74.07	19	1.1	0.3	163	8	PUERTO PARRA (SANTANDER)
6348	Nov 10 2017	13:08:52.1	6.81	-73.12	148	1.7	0.6	156	17	LOS SANTOS (SANTANDER)
6349	Nov 10 2017	13:42:59.5	5.75	-73.51	138	1.5	0.6	86	16	GACHANTIVA (BOYACA)
6350	Nov 10 2017	15:18: 7.6	6.79	-73.14	152	1.6	0.3	151	15	LOS SANTOS (SANTANDER)
6351	Nov 10 2017	15:20:11.3	6.74	-73.09	143	1.3	0.0	176	6	LOS SANTOS (SANTANDER)
6352	Nov 10 2017	15:22:50.9	6.77	-73.17	142	1.4	0.2	141	10	LOS SANTOS (SANTANDER)
6353	Nov 10 2017	15:53:59.0	7.10	-75.53	Sup	1.4	0.3	106	11	BRICENO (ANTIOQUIA)
6354	Nov 10 2017	16:26:27.9	4.93	-75.92	109	1.4	0.2	158	7	BALBOA (RISARALDA)
6355	Nov 10 2017	16:44:27.0	6.77	-73.15	140	1.3	0.2	151	9	LOS SANTOS (SANTANDER)
6356	Nov 10 2017	17:04:51.0	6.77	-73.14	146	1.5	0.4	152	14	LOS SANTOS (SANTANDER)
6357	Nov 10 2017	19:13: 5.1	6.81	-73.14	152	2.0	0.4	111	22	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6358	Nov 10 2017	20:33: 8.2	6.82	-73.17	145	1.9	0.3	140	14	ZAPATOCA (SANTANDER)
6359	Nov 10 2017	22:19:28.4	6.83	-73.13	145	3.1	1.0	56	55	LOS SANTOS (SANTANDER)
6360	Nov 10 2017	22:36:25.1	5.93	-73.55	126	1.9	0.5	83	19	TOGUI (BOYACA)
6361	Nov 10 2017	23:22:53.2	6.80	-73.17	144	2.1	0.4	102	24	LOS SANTOS (SANTANDER)
6362	Nov 11 2017	03:39:14.5	2.04	-75.76	6	1.2	0.3	214	10	GUADALUPE (HUILA)
6363	Nov 11 2017	03:41:12.1	5.90	-73.59	123	1.5	0.4	155	13	BARBOSA (SANTANDER)
6364	Nov 11 2017	04:19:11.2	6.80	-73.14	141	2.1	0.5	111	24	LOS SANTOS (SANTANDER)
6365	Nov 11 2017	04:49:49.8	6.85	-73.31	160	1.4	0.1	270	8	ZAPATOCA (SANTANDER)
6366	Nov 11 2017	05:24:20.8	6.76	-73.17	134	1.5	0.4	110	19	LOS SANTOS (SANTANDER)
6367	Nov 11 2017	05:26:47.1	6.80	-73.15	145	2.7	0.5	65	54	LOS SANTOS (SANTANDER)
6368	Nov 11 2017	06:00: 9.7	6.67	-74.06	Sup	2.5	0.6	83	35	PUERTO PARRA (SANTANDER)
6369	Nov 11 2017	06:31:13.0	6.76	-73.14	138	1.6	0.5	113	18	LOS SANTOS (SANTANDER)
6370	Nov 11 2017	07:06:20.9	6.25	-74.16	54	1.2	0.6	101	11	CIMITARRA (SANTANDER)
6371	Nov 11 2017	07:11:20.5	6.16	-73.80	98	1.7	0.5	90	16	LANDAZURI (SANTANDER)
6372	Nov 11 2017	08:31:54.6	6.78	-73.15	146	2.3	0.7	65	36	LOS SANTOS (SANTANDER)
6373	Nov 11 2017	08:35:58.0	1.64	-77.61	118	1.0	0.2	257	9	CUMBITARA (NARINO)
6374	Nov 11 2017	10:20: 0.2	6.65	-74.08	17	1.3	0.5	85	13	PUERTO PARRA (SANTANDER)
6375	Nov 11 2017	10:29:22.7	6.69	-73.14	144	1.5	0.4	203	12	VILLANUEVA (SANTANDER)
6376	Nov 11 2017	10:39: 7.1	6.78	-73.14	150	1.7	0.4	212	16	LOS SANTOS (SANTANDER)
6377	Nov 11 2017	10:43:48.4	6.80	-73.15	150	1.7	0.4	65	22	LOS SANTOS (SANTANDER)
6378	Nov 11 2017	11:21:12.7	6.80	-73.14	142	2.2	0.6	65	34	LOS SANTOS (SANTANDER)
6379	Nov 11 2017	12:20:29.2	6.80	-73.12	152	1.7	0.5	157	12	LOS SANTOS (SANTANDER)
6380	Nov 11 2017	12:21:28.1	6.81	-73.13	150	2.2	0.6	66	35	LOS SANTOS (SANTANDER)
6381	Nov 11 2017	13:50:11.5	6.77	-73.12	148	1.8	0.5	115	24	LOS SANTOS (SANTANDER)
6382	Nov 11 2017	13:50:47.0	6.81	-73.14	148	1.8	0.5	111	19	LOS SANTOS (SANTANDER)
6383	Nov 11 2017	14:43:18.7	6.56	-73.54	108	1.8	0.4	64	20	EL CARMEN (SANTANDER)
<u>6384</u>	<u>Nov 11 2017</u>	<u>14:45:20.2</u>	<u>2.73</u>	<u>-75.05</u>	<u>Sup</u>	<u>4.8*</u>	<u>0.8</u>	<u>111</u>	<u>90</u>	<u>RIVERA (HUILA)</u>
6385	Nov 11 2017	14:51:47.9	2.64	-74.70	18	1.8	0.4	232	10	SAN VICENTE DEL CAGUAN (CAQUETA)
6386	Nov 11 2017	14:58:51.8	2.72	-75.04	Sup	1.7	0.2	199	13	RIVERA (HUILA)
6387	Nov 11 2017	14:58:51.9	2.72	-75.05	Sup	1.6	0.2	198	11	RIVERA (HUILA)
6388	Nov 11 2017	15:00:28.9	2.73	-75.05	Sup	1.2	0.3	198	12	RIVERA (HUILA)
6389	Nov 11 2017	15:04:55.0	2.71	-75.01	Sup	2.1	0.6	94	28	RIVERA (HUILA)
6390	Nov 11 2017	15:59: 5.1	6.74	-73.15	126	1.5	0.4	138	11	LOS SANTOS (SANTANDER)
6391	Nov 11 2017	16:44:33.9	2.72	-75.07	Sup	1.5	0.4	196	12	RIVERA (HUILA)
6392	Nov 11 2017	17:15:16.8	6.72	-73.21	145	1.5	0.4	218	11	VILLANUEVA (SANTANDER)
6393	Nov 11 2017	17:17:13.9	5.25	-77.65	52	2.1	0.5	234	25	O. PACIFICO CENTRO
6394	Nov 11 2017	17:22:59.3	6.74	-73.15	141	1.1	0.4	138	9	LOS SANTOS (SANTANDER)
6395	Nov 11 2017	17:54:44.0	6.55	-73.76	88	1.5	0.4	65	18	SANTA HELENA DEL OPOON (SANTANDER)
6396	Nov 11 2017	17:56:59.8	5.40	-72.93	Sup	1.9	0.6	64	31	AQUITANIA (BOYACA)
6397	Nov 11 2017	18:54: 5.5	4.90	-78.35	38	2.4	0.5	258	32	O. PACIFICO CENTRO
6398	Nov 11 2017	19:53:24.5	5.90	-73.75	107	1.3	0.1	156	8	SUCRE (SANTANDER)
6399	Nov 11 2017	20:10: 6.1	6.83	-73.13	137	1.2	0.3	136	8	LOS SANTOS (SANTANDER)
6400	Nov 11 2017	20:14:34.1	6.67	-74.07	Sup	1.4	0.4	108	13	PUERTO PARRA (SANTANDER)
6401	Nov 11 2017	20:29:10.5	10.54	-72.94	Sup	1.9	0.6	137	19	MANAURE BALCON CESAR (CESAR)
6402	Nov 11 2017	21:23:29.5	6.80	-73.14	144	1.8	0.6	137	21	LOS SANTOS (SANTANDER)
6403	Nov 11 2017	21:52:48.5	6.79	-73.13	145	1.9	0.7	138	26	LOS SANTOS (SANTANDER)
6404	Nov 11 2017	22:39:32.1	6.35	-73.35	129	2.0	0.7	52	37	CHIMA (SANTANDER)
6405	Nov 11 2017	22:45:55.1	7.06	-73.99	80	2.3	0.7	62	50	YONDO (ANTIOQUIA)
6406	Nov 11 2017	23:13: 1.3	7.74	-73.06	154	1.8	0.3	144	12	CACHIRA (N.SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6407	Nov 11 2017	23:39:25.8	6.77	-73.13	132	1.8	0.6	139	24	LOS SANTOS (SANTANDER)
6408	Nov 11 2017	23:49: 2.9	4.75	-74.69	Sup	1.0	0.3	203	12	BELTRAN (CUNDINAMARCA)
6409	Nov 12 2017	00:03:33.8	6.79	-73.13	144	1.9	0.6	113	26	LOS SANTOS (SANTANDER)
6410	Nov 12 2017	00:10:25.3	6.79	-73.17	145	1.6	0.5	181	15	LOS SANTOS (SANTANDER)
6411	Nov 12 2017	01:37:37.6	10.36	-72.85	Sup	1.6	0.3	180	8	FRONTERA CON VENEZUELA
6412	Nov 12 2017	01:54:39.2	6.52	-72.06	Sup	2.1	0.6	146	11	TAME (ARAUCA)
6413	Nov 12 2017	01:56:29.5	6.83	-73.14	148	2.7	0.8	65	43	LOS SANTOS (SANTANDER)
6414	Nov 12 2017	02:12:34.5	6.84	-73.13	154	1.4	0.4	136	10	LOS SANTOS (SANTANDER)
6415	Nov 12 2017	02:46: 3.1	6.79	-73.13	142	1.7	0.4	138	10	LOS SANTOS (SANTANDER)
6416	Nov 12 2017	03:42:31.5	6.81	-73.03	148	1.2	0.2	249	8	LOS SANTOS (SANTANDER)
6417	Nov 12 2017	04:26:42.7	6.79	-73.17	143	1.3	0.4	133	13	LOS SANTOS (SANTANDER)
6418	Nov 12 2017	04:53:18.3	10.34	-72.81	Sup	1.6	0.5	184	10	FRONTERA CON VENEZUELA
6419	Nov 12 2017	04:54:36.7	6.81	-73.40	124	1.6	0.4	180	10	SAN VICENTE DE CHUCURI (SANTANDER)
6420	Nov 12 2017	04:57:34.2	6.74	-73.14	147	1.6	0.3	233	10	LOS SANTOS (SANTANDER)
6421	Nov 12 2017	05:01:31.5	6.80	-73.13	152	1.7	0.3	221	17	LOS SANTOS (SANTANDER)
6422	Nov 12 2017	05:34:58.3	7.75	-75.24	22	1.5	0.4	136	12	CACERES (ANTIOQUIA)
6423	Nov 12 2017	05:37:44.8	3.41	-74.80	23	2.1	0.5	85	20	COLOMBIA (HUILA)
6424	Nov 12 2017	05:55: 1.6	5.95	-73.69	120	1.2	0.3	86	16	GUAVATA (SANTANDER)
6425	Nov 12 2017	06:02:54.3	5.99	-74.14	85	1.1	0.4	142	13	LA BELLEZA (SANTANDER)
6426	Nov 12 2017	06:03:56.9	6.71	-73.27	150	1.2	0.4	192	11	GALAN (SANTANDER)
6427	Nov 12 2017	06:11:28.8	6.79	-73.13	146	1.7	0.5	139	26	LOS SANTOS (SANTANDER)
6428	Nov 12 2017	07:22:50.0	10.61	-75.02	28	2.1	0.5	185	20	MANATI (ATLANTICO)
6429	Nov 12 2017	07:30:37.1	6.87	-76.14	Sup	2.5	0.9	141	38	URAMITA (ANTIOQUIA)
6430	Nov 12 2017	07:59:56.2	7.30	-76.58	Sup	1.7	0.5	172	16	MUTATA (ANTIOQUIA)
6431	Nov 12 2017	09:37:13.6	8.83	-77.51	39	2.1	0.7	284	9	MAR CARIBE
6432	Nov 12 2017	09:59: 4.9	6.80	-73.14	149	1.5	0.5	237	14	LOS SANTOS (SANTANDER)
6433	Nov 12 2017	10:14: 0.9	5.36	-72.89	Sup	1.3	0.5	160	14	CHAMEZA (CASANARE)
6434	Nov 12 2017	10:16:59.7	3.73	-76.20	143	1.1	0.5	131	12	GINEBRA (VALLE)
6435	Nov 12 2017	10:46:29.4	6.79	-73.14	149	2.3	0.8	66	52	LOS SANTOS (SANTANDER)
6436	Nov 12 2017	11:10:56.3	7.31	-73.90	9	1.0	0.2	216	8	PUERTO WILCHES (SANTANDER)
6437	Nov 12 2017	11:15:11.5	8.63	-73.13	139	1.8	0.6	156	20	EL TARRA (N.SANTANDER)
6438	Nov 12 2017	11:44:10.0	6.78	-73.15	141	1.8	0.5	208	20	LOS SANTOS (SANTANDER)
6439	Nov 12 2017	11:53:30.3	7.42	-77.18	58	2.7	0.5	80	27	RIOSUCIO (CHOCO)
6440	Nov 12 2017	13:04: 5.8	6.77	-73.20	146	1.2	0.3	228	7	ZAPATOCA (SANTANDER)
6441	Nov 12 2017	13:41:28.9	6.79	-73.15	142	2.0	0.5	65	28	LOS SANTOS (SANTANDER)
6442	Nov 12 2017	14:31:49.7	2.71	-75.01	8	1.6	0.5	108	22	RIVERA (HUILA)
6443	Nov 12 2017	14:49: 1.2	5.20	-74.72	19	1.1	0.2	109	12	HONDA (TOLIMA)
6444	Nov 12 2017	14:59: 6.7	6.67	-74.09	Sup	1.3	0.1	122	7	PUERTO PARRA (SANTANDER)
6445	Nov 12 2017	15:50:16.2	6.78	-73.12	140	1.9	0.5	114	23	LOS SANTOS (SANTANDER)
6446	Nov 12 2017	16:22:18.6	2.11	-75.63	21	0.8	0.1	137	7	GARZON (HUILA)
6447	Nov 12 2017	18:46:25.0	2.04	-75.93	Sup	2.4	0.8	72	48	ELIAS (HUILA)
6448	Nov 12 2017	19:15: 2.6	6.79	-73.08	144	1.3	0.3	145	10	LOS SANTOS (SANTANDER)
6449	Nov 12 2017	19:42:47.1	6.68	-74.09	20	1.0	0.3	120	8	PUERTO PARRA (SANTANDER)
6450	Nov 12 2017	20:00:34.1	6.75	-73.17	143	1.4	0.4	135	9	LOS SANTOS (SANTANDER)
6451	Nov 12 2017	21:19:52.6	6.49	-73.70	95	1.1	0.4	165	8	SANTA HELENA DEL OPON (SANTANDER)
6452	Nov 12 2017	21:49: 6.7	2.71	-75.01	Sup	1.8	0.7	109	22	RIVERA (HUILA)
6453	Nov 12 2017	22:04:47.6	5.26	-73.74	142	1.3	0.5	133	10	CUCUNUBA (CUNDINAMARCA)
6454	Nov 12 2017	22:11:46.8	6.76	-73.12	148	1.4	0.2	141	8	LOS SANTOS (SANTANDER)
6455	Nov 12 2017	22:17:52.7	2.68	-74.98	Sup	2.4	0.7	109	25	RIVERA (HUILA)
6456	Nov 12 2017	23:25:32.3	7.15	-76.33	Sup	1.9	0.8	160	15	MUTATA (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6457	Nov 12 2017	23:57:36.2	6.64	-73.54	110	1.1	0.2	118	6	EL CARMEN (SANTANDER)
6458	Nov 13 2017	00:30:12.6	6.78	-73.12	141	1.8	0.5	139	22	LOS SANTOS (SANTANDER)
6459	Nov 13 2017	00:53:21.3	5.55	-76.87	Sup	2.5	0.6	230	18	ALTO BAUDO (CHOCO)
6460	Nov 13 2017	02:15:34.9	6.07	-73.32	166	1.6	0.3	148	10	SUAITA (SANTANDER)
6461	Nov 13 2017	02:49: 2.5	6.80	-73.16	149	2.6	0.7	112	37	LOS SANTOS (SANTANDER)
6462	Nov 13 2017	03:05:33.2	10.10	-73.80	66	1.8	0.3	80	16	EL COPEY (CESAR)
6463	Nov 13 2017	03:15:19.6	5.71	-73.93	104	1.3	0.4	183	10	TUNUNGUA (BOYACA)
6464	Nov 13 2017	04:22:46.2	1.85	-76.15	Sup	1.8	0.2	124	14	PITALITO (HUILA)
6465	Nov 13 2017	05:46: 9.8	5.70	-74.08	104	1.0	0.5	173	8	SAN PABLO DE BORBUR (BOYACA)
6466	Nov 13 2017	06:44:14.6	6.77	-73.13	146	1.3	0.4	139	14	LOS SANTOS (SANTANDER)
6467	Nov 13 2017	06:53:33.4	6.78	-73.13	145	1.8	0.4	139	14	LOS SANTOS (SANTANDER)
6468	Nov 13 2017	07:20:21.6	6.90	-78.05	16	2.2	0.5	245	16	O. PACIFICO NORTE
6469	Nov 13 2017	08:03:45.9	6.82	-73.13	152	2.3	0.9	66	51	LOS SANTOS (SANTANDER)
6470	Nov 13 2017	08:10:35.8	6.81	-73.17	148	1.0	0.4	132	15	LOS SANTOS (SANTANDER)
6471	Nov 13 2017	08:11:24.1	6.75	-73.19	143	1.1	0.5	228	13	VILLANUEVA (SANTANDER)
6472	Nov 13 2017	08:35:28.2	6.78	-73.16	144	1.5	0.5	135	22	LOS SANTOS (SANTANDER)
6473	Nov 13 2017	09:15:45.9	6.74	-73.15	153	1.2	0.3	232	8	LOS SANTOS (SANTANDER)
6474	Nov 13 2017	09:58:54.2	6.67	-73.21	154	1.0	0.5	211	10	VILLANUEVA (SANTANDER)
6475	Nov 13 2017	10:42:45.7	4.15	-74.29	Sup	2.4	0.7	79	65	SAN BERNARDO (CUNDINAMARCA)
6476	Nov 13 2017	10:53:37.0	4.70	-76.11	92	1.5	0.4	119	20	ARGELIA (VALLE)
6477	Nov 13 2017	12:45:35.1	6.77	-73.17	132	1.2	0.1	134	6	LOS SANTOS (SANTANDER)
6478	Nov 13 2017	13:13:15.4	6.81	-73.10	149	1.6	0.5	141	18	LOS SANTOS (SANTANDER)
6479	Nov 13 2017	13:36: 1.8	6.77	-73.16	132	1.5	0.2	233	7	LOS SANTOS (SANTANDER)
6480	Nov 13 2017	14:13: 6.5	6.76	-73.11	144	1.8	0.5	142	19	LOS SANTOS (SANTANDER)
6481	Nov 13 2017	14:36:12.8	8.82	-73.73	94	2.2	0.3	139	25	TAMALAMEQUE (CESAR)
6482	Nov 13 2017	14:59:19.8	6.79	-73.14	140	1.7	0.3	137	22	LOS SANTOS (SANTANDER)
6483	Nov 13 2017	15:03: 7.5	6.79	-73.17	142	1.8	0.5	133	20	LOS SANTOS (SANTANDER)
6484	Nov 13 2017	15:17:35.2	5.25	-73.73	145	1.5	0.4	95	14	CUCUNUBA (CUNDINAMARCA)
6485	Nov 13 2017	15:39:43.1	5.14	-76.61	31	1.4	0.1	233	8	CONDOTO (CHOCO)
6486	Nov 13 2017	15:56:59.6	2.45	-75.27	Sup	1.7	0.4	102	15	ALGECIRAS (HUILA)
6487	Nov 13 2017	16:27:25.9	4.71	-76.78	45	1.3	0.3	218	10	SIPI (CHOCO)
6488	Nov 13 2017	17:01:53.1	6.74	-73.29	134	1.0	0.5	98	10	ZAPATOCA (SANTANDER)
6489	Nov 13 2017	17:07:54.3	6.74	-73.10	137	1.5	0.4	144	15	LOS SANTOS (SANTANDER)
6490	Nov 13 2017	17:20: 0.1	6.75	-73.15	139	1.9	0.4	138	18	LOS SANTOS (SANTANDER)
6491	Nov 13 2017	17:21:19.7	6.46	-73.54	102	1.3	0.3	123	9	SANTA HELENA DEL OPOON (SANTANDER)
6492	Nov 13 2017	17:55:15.7	0.45	-76.04	Sup	2.9	0.5	149	48	PUERTO ASIS (PUTUMAYO)
6493	Nov 13 2017	18:20:14.6	5.28	-73.75	145	1.3	0.5	90	13	CUCUNUBA (CUNDINAMARCA)
6494	Nov 13 2017	20:36: 2.5	7.45	-72.05	Sup	2.4	0.9	121	27	FRONTERA CON VENEZUELA
6495	Nov 13 2017	20:36:54.8	2.72	-75.04	Sup	1.7	0.4	200	16	RIVERA (HUILA)
6496	Nov 13 2017	23:11:27.4	6.82	-73.15	149	2.8	0.8	64	63	LOS SANTOS (SANTANDER)
6497	Nov 13 2017	23:45:15.0	6.64	-74.07	9	1.6	0.4	81	17	PUERTO PARRA (SANTANDER)
6498	Nov 13 2017	23:52:50.7	6.76	-73.13	151	1.2	0.3	140	9	LOS SANTOS (SANTANDER)
6499	Nov 14 2017	00:19:36.9	6.86	-73.12	143	1.3	0.4	136	16	LOS SANTOS (SANTANDER)
6500	Nov 14 2017	00:22:43.4	6.78	-76.82	Sup	1.6	0.5	209	9	VIGIA DEL FUERTE (ANTIOQUIA)
6501	Nov 14 2017	01:03:19.3	6.78	-73.13	150	1.6	0.3	113	18	LOS SANTOS (SANTANDER)
6502	Nov 14 2017	01:50:55.6	6.79	-73.15	140	1.8	0.5	111	19	LOS SANTOS (SANTANDER)
6503	Nov 14 2017	02:16:11.2	11.85	-73.51	Sup	2.0	0.4	230	8	MAR CARIBE
6504	Nov 14 2017	02:40:20.3	6.82	-73.12	150	2.5	0.8	67	43	LOS SANTOS (SANTANDER)
6505	Nov 14 2017	03:19:25.1	6.84	-73.13	150	3.1	1.1	65	60	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6506	Nov 14 2017	04:02:52.4	5.60	-74.19	Sup	0.9	0.3	269	6	OTANCHE (BOYACA)
6507	Nov 14 2017	05:01:19.7	2.82	-74.94	Sup	1.9	0.7	176	25	TELLO (HUILA)
6508	Nov 14 2017	06:20:15.2	3.89	-71.45	Sup	3.2	0.9	275	32	PUERTO GAITAN (META)
6509	Nov 14 2017	06:31:54.4	2.29	-75.66	Sup	1.6	0.4	92	19	GARZON (HUILA)
6510	Nov 14 2017	06:37:19.8	7.23	-76.26	Sup	1.4	0.6	166	12	MUTATA (ANTIOQUIA)
6511	Nov 14 2017	06:56:22.0	3.95	-76.30	121	1.5	0.2	107	8	BUGA (VALLE)
6512	Nov 14 2017	08:10: 0.4	6.86	-73.12	152	3.3	1.5	57	87	LOS SANTOS (SANTANDER)
6513	Nov 14 2017	08:14: 0.0	6.78	-73.12	146	1.3	0.4	140	16	LOS SANTOS (SANTANDER)
6514	Nov 14 2017	08:23:20.1	6.74	-73.13	145	0.9	0.4	140	11	LOS SANTOS (SANTANDER)
6515	Nov 14 2017	08:45:26.8	6.67	-73.16	146	1.0	0.4	139	11	VILLANUEVA (SANTANDER)
6516	Nov 14 2017	08:56:34.2	6.74	-73.13	145	1.1	0.4	141	16	LOS SANTOS (SANTANDER)
6517	Nov 14 2017	09:01:21.0	3.85	-71.52	Sup	1.6	0.4	318	9	PUERTO GAITAN (META)
6518	Nov 14 2017	09:22:18.8	1.06	-77.20	Sup	2.1	0.9	91	34	PASTO (NARINO)
6519	Nov 14 2017	09:32: 5.6	6.84	-73.23	137	0.9	0.5	122	12	ZAPATOCA (SANTANDER)
6520	Nov 14 2017	10:03:50.4	6.80	-73.12	148	1.2	0.5	139	16	LOS SANTOS (SANTANDER)
6521	Nov 14 2017	10:20:33.9	6.80	-73.14	138	1.5	0.6	136	18	LOS SANTOS (SANTANDER)
6522	Nov 14 2017	10:21:40.7	6.79	-73.13	143	1.7	0.3	138	18	LOS SANTOS (SANTANDER)
6523	Nov 14 2017	11:07:31.0	3.79	-71.60	7	1.5	0.6	317	8	PUERTO GAITAN (META)
6524	Nov 14 2017	11:11:48.9	6.78	-73.14	142	1.0	0.2	139	8	LOS SANTOS (SANTANDER)
6525	Nov 14 2017	12:44:26.5	6.81	-73.12	146	1.6	0.3	138	19	LOS SANTOS (SANTANDER)
6526	Nov 14 2017	13:00:39.7	6.83	-73.19	124	1.4	0.3	129	16	ZAPATOCA (SANTANDER)
6527	Nov 14 2017	13:36:23.2	9.02	-74.15	26	2.2	0.5	106	33	BARRANCO DE LOBA (BOLIVAR)
6528	Nov 14 2017	13:54:17.3	6.76	-73.12	147	1.7	0.5	141	21	LOS SANTOS (SANTANDER)
6529	Nov 14 2017	14:01:47.6	6.76	-73.15	141	2.1	0.5	72	28	LOS SANTOS (SANTANDER)
6530	Nov 14 2017	14:07: 3.4	6.79	-73.15	146	1.7	0.4	136	24	LOS SANTOS (SANTANDER)
6531	Nov 14 2017	14:43:50.8	6.79	-73.13	141	1.7	0.5	113	16	LOS SANTOS (SANTANDER)
6532	Nov 14 2017	15:05:10.3	6.77	-73.19	133	1.9	0.4	109	22	LOS SANTOS (SANTANDER)
6533	Nov 14 2017	15:31:54.1	6.78	-73.14	142	2.4	0.5	66	42	LOS SANTOS (SANTANDER)
6534	Nov 14 2017	15:58:14.3	3.42	-74.19	8	1.7	0.4	129	14	MESETAS (META)
6535	Nov 14 2017	16:03:18.8	7.38	-75.16	Sup	1.6	0.6	130	13	CACERES (ANTIOQUIA)
6536	Nov 14 2017	16:07: 2.2	6.81	-73.22	135	1.1	0.2	147	7	ZAPATOCA (SANTANDER)
6537	Nov 14 2017	16:50:55.7	8.34	-72.96	121	2.1	0.8	163	27	HACARI (N.SANTANDER)
6538	Nov 14 2017	19:07:52.8	1.22	-78.71	87	2.5	0.6	142	22	FRONTERA CON ECUADOR
6539	Nov 14 2017	19:25:59.5	4.22	-75.42	Sup	1.4	0.4	81	20	ROVIRA (TOLIMA)
6540	Nov 14 2017	19:27:41.2	3.05	-74.84	8	1.6	0.4	210	10	BARAYA (HUILA)
6541	Nov 14 2017	21:45: 3.1	3.38	-74.79	20	1.7	0.4	180	11	COLOMBIA (HUILA)
6542	Nov 14 2017	22:23:24.0	6.81	-73.14	135	1.2	0.4	137	8	LOS SANTOS (SANTANDER)
6543	Nov 14 2017	22:36:39.6	6.66	-74.07	Sup	2.5	0.3	83	39	PUERTO PARRA (SANTANDER)
6544	Nov 14 2017	22:52:34.5	6.65	-74.08	19	1.2	0.4	88	12	PUERTO PARRA (SANTANDER)
6545	Nov 14 2017	23:06:45.3	6.64	-74.07	8	1.4	0.5	89	14	PUERTO PARRA (SANTANDER)
6546	Nov 14 2017	23:51:21.6	6.80	-73.17	149	2.0	0.4	109	29	LOS SANTOS (SANTANDER)
6547	Nov 15 2017	01:13:26.7	6.87	-73.05	140	1.7	0.5	252	13	PIEDRECUESTA (SANTANDER)
6548	Nov 15 2017	01:24: 6.1	6.80	-73.09	149	1.7	0.5	116	14	LOS SANTOS (SANTANDER)
6549	Nov 15 2017	02:07:54.9	6.42	-73.55	Sup	2.3	0.8	56	24	SANTA HELENA DEL OPO (SANTANDER)
<u>6550</u>	<u>Nov 15 2017</u>	<u>02:12:18.3</u>	<u>3.81</u>	<u>-76.14</u>	<u>159</u>	<u>4.4*</u>	<u>0.8</u>	<u>52</u>	<u>133</u>	<u>GINEBRA (VALLE)</u>
6551	Nov 15 2017	02:19:51.8	5.86	-73.84	116	1.6	0.5	87	18	JESUS MARIA (SANTANDER)
6552	Nov 15 2017	03:31:11.3	6.78	-73.09	152	1.6	0.4	242	14	LOS SANTOS (SANTANDER)
6553	Nov 15 2017	04:21:49.0	5.84	-73.75	114	1.3	0.5	154	11	JESUS MARIA (SANTANDER)
6554	Nov 15 2017	04:25:26.2	6.77	-73.16	142	1.4	0.4	135	8	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6555	Nov 15 2017	04:29:28.5	5.10	-73.05	Sup	1.9	0.8	100	21	PAEZ (BOYACA)
6556	Nov 15 2017	04:29:29.4	5.20	-72.96	Sup	1.9	0.8	92	20	CHAMEZA (CASANARE)
6557	Nov 15 2017	05:32:18.6	2.38	-75.54	17	1.6	0.5	138	16	GIGANTE (HUILA)
6558	Nov 15 2017	06:56:38.8	6.84	-73.15	152	2.9	0.8	109	43	LOS SANTOS (SANTANDER)
6559	Nov 15 2017	07:02:41.9	6.80	-73.12	147	1.4	0.5	239	10	LOS SANTOS (SANTANDER)
6560	Nov 15 2017	07:25:25.0	6.83	-73.13	151	2.7	1.0	74	41	LOS SANTOS (SANTANDER)
6561	Nov 15 2017	09:48:43.8	2.17	-75.63	23	1.4	0.1	166	7	GARZON (HUILA)
6562	Nov 15 2017	10:01:11.1	6.63	-72.88	137	1.1	0.3	181	8	MOLAGAVITA (SANTANDER)
6563	Nov 15 2017	10:12:41.8	6.45	-73.77	72	1.0	0.4	148	7	SANTA HELENA DEL OPO (SANTANDER)
6564	Nov 15 2017	10:31: 5.0	6.73	-73.18	137	1.2	0.2	239	7	VILLANUEVA (SANTANDER)
6565	Nov 15 2017	11:06:25.5	5.57	-73.84	118	0.9	0.4	105	10	CALDAS (BOYACA)
6566	Nov 15 2017	11:41:10.2	7.31	-74.70	Sup	2.4	0.6	79	43	SEGOVIA (ANTIOQUIA)
6567	Nov 15 2017	12:19:23.4	6.86	-73.11	144	1.2	0.4	248	7	LOS SANTOS (SANTANDER)
6568	Nov 15 2017	12:33:37.9	6.40	-73.11	150	1.1	0.5	164	8	VALLE DE SAN JOSE (SANTANDER)
6569	Nov 15 2017	12:50:31.4	6.76	-73.18	146	1.5	0.4	118	14	LOS SANTOS (SANTANDER)
6570	Nov 15 2017	14:25:54.5	4.34	-76.25	123	2.0	0.5	104	34	BOLIVAR (VALLE)
6571	Nov 15 2017	14:55: 7.4	4.81	-76.24	98	1.4	0.4	154	10	EL CAIRO (VALLE)
6572	Nov 15 2017	15:24:27.1	6.79	-73.16	141	1.5	0.3	134	12	LOS SANTOS (SANTANDER)
6573	Nov 15 2017	16:24:57.4	6.73	-73.19	140	1.2	0.1	238	7	VILLANUEVA (SANTANDER)
6574	Nov 15 2017	16:44:36.6	4.46	-75.63	Sup	0.8	0.4	219	12	CALARCA (QUINDIO)
6575	Nov 15 2017	16:48:25.0	6.75	-73.21	136	1.3	0.2	142	10	ZAPATOCA (SANTANDER)
6576	Nov 15 2017	16:59:25.6	6.85	-73.30	112	1.6	0.4	110	15	BETULIA (SANTANDER)
6577	Nov 15 2017	18:00:33.8	7.79	-73.22	127	1.7	0.2	231	11	SAN ALBERTO (CESAR)
6578	Nov 15 2017	18:08:51.1	4.68	-74.74	10	1.4	0.3	179	10	PULI (CUNDINAMARCA)
6579	Nov 15 2017	18:38:51.1	1.95	-75.90	Sup	0.8	0.2	139	8	TIMANA (HUILA)
6580	Nov 15 2017	19:31:28.5	5.95	-73.96	101	1.1	0.3	134	9	LA BELLEZA (SANTANDER)
6581	Nov 15 2017	21:47:35.8	5.74	-73.96	97	1.2	0.2	88	12	TUNUNGUA (BOYACA)
6582	Nov 15 2017	22:02:20.7	6.78	-73.17	141	1.5	0.1	141	8	LOS SANTOS (SANTANDER)
6583	Nov 15 2017	22:13:49.5	5.41	-73.80	136	1.4	0.2	118	16	FUQUENE (CUNDINAMARCA)
6584	Nov 15 2017	22:43:52.5	6.58	-73.56	106	2.4	0.6	41	39	EL CARMEN (SANTANDER)
6585	Nov 15 2017	22:49: 1.3	5.73	-72.60	Sup	1.7	0.7	150	19	PISVA (BOYACA)
6586	Nov 15 2017	23:13: 3.2	2.25	-75.68	10	1.3	0.3	99	12	GARZON (HUILA)
6587	Nov 15 2017	23:17: 9.9	10.57	-72.82	108	1.4	0.3	142	8	MANAURE BALCON CESAR (CESAR)
6588	Nov 15 2017	23:38:54.8	3.40	-76.40	107	0.9	0.3	169	8	CANDELARIA (VALLE)
6589	Nov 15 2017	23:42: 6.4	7.65	-74.18	Sup	1.4	0.5	222	11	SAN PABLO (BOLIVAR)
6590	Nov 15 2017	23:49: 5.9	6.86	-74.72	6	1.4	0.5	133	15	VEGACHI (ANTIOQUIA)
<u>6591</u>	<u>Nov 16 2017</u>	<u>00:56: 7.8</u>	<u>4.75</u>	<u>-76.18</u>	<u>89</u>	<u>4.2*</u>	<u>0.7</u>	<u>32</u>	<u>133</u>	<u>EL CAIRO (VALLE)</u>
6592	Nov 16 2017	02:00:44.5	6.77	-73.13	146	1.4	0.4	139	8	LOS SANTOS (SANTANDER)
6593	Nov 16 2017	03:20:42.6	5.25	-74.71	51	1.0	0.4	213	8	HONDA (TOLIMA)
6594	Nov 16 2017	03:33:16.2	7.18	-78.03	13	2.4	1.1	126	24	O. PACIFICO NORTE
6595	Nov 16 2017	03:37:44.3	7.16	-72.06	Sup	1.4	0.4	234	7	FRONTERA CON VENEZUELA
<u>6596</u>	<u>Nov 16 2017</u>	<u>04:01:35.4</u>	<u>1.85</u>	<u>-76.24</u>	<u>Sup</u>	<u>2.9</u>	<u>0.9</u>	<u>78</u>	<u>72</u>	<u>SAN AGUSTIN (HUILA)</u>
6597	Nov 16 2017	04:08:44.2	6.55	-72.57	30	1.5	0.2	119	10	MACARAVITA (SANTANDER)
6598	Nov 16 2017	04:28:46.9	6.78	-73.15	142	1.2	0.2	136	7	LOS SANTOS (SANTANDER)
6599	Nov 16 2017	04:46:41.0	6.79	-73.13	144	0.9	0.3	245	8	LOS SANTOS (SANTANDER)
6600	Nov 16 2017	06:07:29.6	7.76	-77.31	22	2.2	0.9	138	24	UNGUIA (CHOCO)
6601	Nov 16 2017	07:14:42.9	6.85	-73.14	145	1.4	0.5	134	14	LOS SANTOS (SANTANDER)
6602	Nov 16 2017	07:27:11.7	6.91	-73.31	120	2.8	0.9	52	53	BETULIA (SANTANDER)
6603	Nov 16 2017	07:39:30.9	6.80	-73.17	147	1.6	0.3	109	12	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6604	Nov 16 2017	07:56:42.7	4.29	-76.70	86	1.5	0.3	205	16	SIPI (CHOCO)
6605	Nov 16 2017	08:01:32.6	3.93	-71.48	Sup	2.5	0.6	248	23	PUERTO GAITAN (META)
6606	Nov 16 2017	08:13: 8.9	6.81	-73.16	148	1.8	0.5	117	21	LOS SANTOS (SANTANDER)
6607	Nov 16 2017	08:14:24.9	3.45	-79.07	39	1.8	0.4	295	13	O. PACIFICO SUR
6608	Nov 16 2017	08:33: 8.8	5.28	-73.74	153	1.4	0.5	131	17	LENGUAZAQUE (CUNDINAMARCA)
6609	Nov 16 2017	08:42:42.9	6.84	-73.12	148	3.2	1.3	67	67	LOS SANTOS (SANTANDER)
6610	Nov 16 2017	08:54:16.5	6.80	-73.13	146	1.6	0.6	113	17	LOS SANTOS (SANTANDER)
6611	Nov 16 2017	09:05:54.0	6.54	-73.56	109	1.6	0.5	127	12	EL CARMEN (SANTANDER)
6612	Nov 16 2017	09:44:50.2	6.82	-73.11	143	2.1	0.8	114	30	LOS SANTOS (SANTANDER)
6613	Nov 16 2017	10:14:20.1	6.79	-73.19	143	1.2	0.3	241	7	ZAPATOCA (SANTANDER)
6614	Nov 16 2017	10:26:42.9	10.90	-73.23	73	2.3	0.3	148	22	LA PAZ (CESAR)
6615	Nov 16 2017	10:17:58.5	1.85	-76.23	Sup	1.5	0.4	125	19	SAN AGUSTIN (HUILA)
6616	Nov 16 2017	10:36:36.7	1.39	-78.45	88	2.6	0.6	131	39	ROBERTO PAYAN (NARINO)
6617	Nov 16 2017	11:14:55.7	7.98	-76.01	20	1.4	0.8	177	10	TIERRALTA (CORDOBA)
6618	Nov 16 2017	11:22:19.8	2.26	-75.77	Sup	1.7	0.3	92	15	AGRADO (HUILA)
6619	Nov 16 2017	11:51:47.8	5.96	-74.07	83	1.3	0.3	146	12	LA BELLEZA (SANTANDER)
6620	Nov 16 2017	12:09:14.4	6.78	-73.15	138	1.2	0.4	137	11	LOS SANTOS (SANTANDER)
6621	Nov 16 2017	12:21:31.9	6.83	-73.26	131	1.0	0.4	152	8	ZAPATOCA (SANTANDER)
6622	Nov 16 2017	13:19:57.7	6.79	-73.22	134	1.5	0.4	146	14	ZAPATOCA (SANTANDER)
6623	Nov 16 2017	14:36:35.0	6.78	-73.19	138	2.2	0.4	108	29	ZAPATOCA (SANTANDER)
6624	Nov 16 2017	16:11:17.4	6.85	-73.12	144	1.4	0.5	247	9	LOS SANTOS (SANTANDER)
6625	Nov 16 2017	16:12:19.2	6.42	-73.62	89	1.4	0.4	118	10	SANTA HELENA DEL OPOON (SANTANDER)
6626	Nov 16 2017	17:02:45.6	6.76	-73.16	143	1.7	0.4	136	15	LOS SANTOS (SANTANDER)
6627	Nov 16 2017	17:31:16.4	6.78	-73.16	134	1.8	0.4	135	20	LOS SANTOS (SANTANDER)
6628	Nov 16 2017	19:11:37.1	6.83	-73.17	138	2.8	0.6	63	59	ZAPATOCA (SANTANDER)
6629	Nov 16 2017	19:29:39.0	6.79	-73.16	142	1.5	0.3	242	11	LOS SANTOS (SANTANDER)
6630	Nov 16 2017	19:37:18.1	5.78	-76.19	39	1.5	0.2	241	8	EL CARMEN (CHOCO)
6631	Nov 16 2017	19:37:51.6	5.67	-76.10	27	1.7	0.4	193	14	BETANIA (ANTIOQUIA)
6632	Nov 16 2017	20:05:47.6	2.39	-75.37	17	1.5	0.5	179	14	ALGECIRAS (HUILA)
6633	Nov 16 2017	21:30:14.9	10.20	-73.33	Sup	2.5	0.5	144	25	AGUSTIN CODAZZI (CESAR)
6634	Nov 16 2017	21:54:34.3	6.82	-73.19	144	1.4	0.2	146	10	ZAPATOCA (SANTANDER)
6635	Nov 16 2017	22:09:24.1	5.26	-73.75	141	1.8	0.2	131	14	CUCUNUBA (CUNDINAMARCA)
6636	Nov 16 2017	22:16:27.3	6.80	-73.15	144	2.0	0.2	135	18	LOS SANTOS (SANTANDER)
6637	Nov 16 2017	22:24:36.0	7.38	-77.03	23	1.6	0.5	232	8	RIOSUCIO (CHOCO)
6638	Nov 16 2017	23:29: 6.8	6.79	-73.12	145	2.3	0.4	67	34	LOS SANTOS (SANTANDER)
6639	Nov 17 2017	00:23:24.1	6.77	-73.15	138	1.6	0.4	138	21	LOS SANTOS (SANTANDER)
6640	Nov 17 2017	00:44:11.4	5.43	-73.79	135	2.1	0.4	49	42	FUQUENE (CUNDINAMARCA)
6641	Nov 17 2017	00:52:50.8	6.72	-73.12	139	1.6	0.5	166	21	JORDAN (SANTANDER)
6642	Nov 17 2017	01:07:58.4	6.25	-73.58	114	1.0	0.3	122	8	LA PAZ (SANTANDER)
6643	Nov 17 2017	01:15:39.7	2.24	-75.35	Sup	1.4	0.3	187	8	GIGANTE (HUILA)
6644	Nov 17 2017	01:20:33.9	1.89	-76.04	Sup	1.9	0.7	94	25	PITALITO (HUILA)
6645	Nov 17 2017	02:03:36.1	6.80	-73.19	134	1.3	0.4	110	16	ZAPATOCA (SANTANDER)
6646	Nov 17 2017	03:14:41.9	5.23	-73.70	139	1.4	0.4	80	15	CUCUNUBA (CUNDINAMARCA)
6647	Nov 17 2017	03:46:36.9	6.75	-73.12	134	1.5	0.2	141	11	LOS SANTOS (SANTANDER)
6648	Nov 17 2017	04:11:29.8	2.03	-75.93	Sup	1.3	0.6	122	19	ELIAS (HUILA)
6649	Nov 17 2017	04:40: 8.2	6.76	-73.17	142	1.9	0.5	110	34	LOS SANTOS (SANTANDER)
6650	Nov 17 2017	05:55: 5.7	6.77	-73.16	132	1.6	0.4	119	26	LOS SANTOS (SANTANDER)
6651	Nov 17 2017	06:01:22.7	6.90	-73.34	111	2.1	0.6	52	51	BETULIA (SANTANDER)
6652	Nov 17 2017	06:27:21.6	4.72	-78.20	50	1.9	0.3	262	28	O. PACIFICO CENTRO
6653	Nov 17 2017	06:54:23.8	4.75	-76.13	113	1.7	0.5	77	32	ARGELIA (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6654	Nov 17 2017	08:09:53.4	11.08	-73.71	Sup	1.7	0.4	151	18	PUEBLO BELLO (CESAR)
6655	Nov 17 2017	08:27:54.9	6.87	-73.17	147	3.5	0.7	56	92	BETULIA (SANTANDER)
6656	Nov 17 2017	09:33:42.4	6.58	-73.41	111	1.7	0.4	56	22	HATO (SANTANDER)
6657	Nov 17 2017	09:34:49.6	4.05	-76.63	58	1.8	0.5	112	22	CALIMA (VALLE)
6658	Nov 17 2017	10:54:54.3	6.60	-73.74	82	1.3	0.3	142	8	EL CARMEN (SANTANDER)
6659	Nov 17 2017	11:57:45.3	1.98	-75.48	Sup	1.5	0.4	183	10	GARZON (HUILA)
6660	Nov 17 2017	13:11:39.4	6.84	-73.14	149	3.1	0.9	65	51	LOS SANTOS (SANTANDER)
6661	Nov 17 2017	15:27:57.3	3.83	-76.84	107	3.1	1.0	52	55	BUENAVENTURA (VALLE)
6662	Nov 17 2017	15:34: 6.8	6.76	-73.12	143	1.6	0.4	161	10	LOS SANTOS (SANTANDER)
6663	Nov 17 2017	15:47:16.0	1.91	-75.97	15	1.6	0.5	139	10	TIMANA (HUILA)
6664	Nov 17 2017	17:07: 1.3	2.66	-75.70	Sup	1.3	0.5	99	11	IQUIRA (HUILA)
6665	Nov 17 2017	17:39:39.6	1.88	-77.06	8	1.6	0.6	103	12	BOLIVAR (CAUCA)
6666	Nov 17 2017	19:51:24.4	5.93	-73.76	114	1.3	0.3	158	8	SUCRE (SANTANDER)
6667	Nov 17 2017	21:37: 2.4	7.64	-72.90	175	1.6	0.1	240	7	ARBOLEDAS (N.SANTANDER)
6668	Nov 17 2017	21:53:32.8	7.68	-76.54	48	1.8	0.4	166	8	CAREPA (ANTIOQUIA)
6669	Nov 17 2017	23:00:52.5	6.80	-73.16	140	1.8	0.4	134	17	LOS SANTOS (SANTANDER)
6670	Nov 17 2017	23:33:35.4	6.55	-73.55	109	1.8	0.6	102	22	EL CARMEN (SANTANDER)
6671	Nov 17 2017	23:42:34.9	3.10	-79.28	72	2.5	0.4	249	18	O. PACIFICO SUR
6672	Nov 17 2017	23:52:29.9	6.88	-73.16	148	2.0	0.5	115	24	BETULIA (SANTANDER)
6673	Nov 17 2017	23:54:39.4	1.94	-75.94	16	1.0	0.2	133	10	TIMANA (HUILA)
6674	Nov 18 2017	00:19:19.2	6.79	-73.15	143	1.7	0.6	118	22	LOS SANTOS (SANTANDER)
6675	Nov 18 2017	00:23:57.4	6.81	-73.16	144	1.2	0.3	133	17	LOS SANTOS (SANTANDER)
6676	Nov 18 2017	01:11:47.3	8.99	-73.89	8	2.1	0.7	104	30	EL PENON (BOLIVAR)
6677	Nov 18 2017	01:18:12.4	6.77	-73.13	146	1.3	0.4	139	13	LOS SANTOS (SANTANDER)
6678	Nov 18 2017	01:19:56.7	6.75	-73.20	140	1.3	0.2	140	8	VILLANUEVA (SANTANDER)
6679	Nov 18 2017	01:26:30.0	6.77	-73.13	139	1.3	0.2	140	6	LOS SANTOS (SANTANDER)
6680	Nov 18 2017	01:32:39.7	6.44	-75.71	24	1.5	0.4	112	16	SAN JERONIMO (ANTIOQUIA)
6681	Nov 18 2017	01:57:47.6	6.79	-73.17	136	1.5	0.4	157	18	LOS SANTOS (SANTANDER)
6682	Nov 18 2017	02:12:31.6	5.88	-73.61	125	2.0	0.8	44	37	BARBOSA (SANTANDER)
6683	Nov 18 2017	02:24:38.0	6.77	-73.13	150	1.2	0.4	138	13	LOS SANTOS (SANTANDER)
6684	Nov 18 2017	02:27: 0.1	2.72	-75.01	Sup	1.5	0.5	202	20	RIVERA (HUILA)
6685	Nov 18 2017	04:28:50.4	4.62	-76.20	102	2.0	0.6	146	20	VERSALLES (VALLE)
6686	Nov 18 2017	05:11:34.2	6.80	-73.19	137	1.8	0.6	107	30	ZAPATOCA (SANTANDER)
6687	Nov 18 2017	05:22: 0.6	6.79	-73.16	140	1.5	0.3	107	15	LOS SANTOS (SANTANDER)
6688	Nov 18 2017	05:27:31.2	4.10	-77.96	57	1.7	0.7	217	25	O. PACIFICO CENTRO
6689	Nov 18 2017	05:33:36.5	2.64	-74.36	Sup	1.2	0.4	257	14	URIBE (META)
6690	<u>Nov 18 2017</u>	<u>05:54:54.9</u>	<u>8.47</u>	<u>-71.72</u>	<u>Sup</u>	<u>4.8</u>	<u>1.0</u>	<u>112</u>	<u>128</u>	<u>FRONTERA CON VENEZUELA</u>
6691	Nov 18 2017	06:05:24.2	8.41	-71.86	Sup	2.3	0.5	137	9	FRONTERA CON VENEZUELA
6692	Nov 18 2017	06:13:35.2	6.81	-73.19	146	1.6	0.2	145	7	ZAPATOCA (SANTANDER)
6693	Nov 18 2017	06:13:54.5	5.28	-73.76	151	2.1	0.5	107	21	CUCUNUBA (CUNDINAMARCA)
6694	Nov 18 2017	06:30:46.6	4.77	-73.45	Sup	1.6	0.8	90	23	UBALA (CUNDINAMARCA)
6695	Nov 18 2017	07:04:14.3	8.41	-71.87	Sup	2.3	0.9	116	28	FRONTERA CON VENEZUELA
6696	Nov 18 2017	07:30:28.3	8.37	-71.86	Sup	3.2	0.8	110	45	FRONTERA CON VENEZUELA
6697	Nov 18 2017	07:47:20.7	6.85	-76.69	Sup	1.9	0.6	83	16	MURINDO (ANTIOQUIA)
6698	Nov 18 2017	07:48:16.4	5.30	-75.51	Sup	2.2	0.6	82	19	FILADELFIA (CALDAS)
6699	Nov 18 2017	07:48:42.6	5.32	-75.52	Sup	2.2	0.8	77	25	FILADELFIA (CALDAS)
6700	Nov 18 2017	08:01:34.6	8.37	-71.91	Sup	2.4	0.4	221	15	FRONTERA CON VENEZUELA
6701	Nov 18 2017	08:03: 0.1	5.28	-73.94	126	1.6	0.1	235	8	CARMEN DE CARUPA (CUNDINAMARCA)
6702	Nov 18 2017	08:49:11.6	6.84	-73.12	141	1.8	0.6	85	15	LOS SANTOS (SANTANDER)
6703	Nov 18 2017	09:21:12.0	8.42	-72.02	Sup	2.0	0.6	216	12	FRONTERA CON VENEZUELA

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6704	Nov 18 2017	09:28: 8.6	8.40	-71.98	Sup	2.4	0.5	218	11	FRONTERA CON VENEZUELA
6705	Nov 18 2017	10:10:57.7	6.83	-73.14	150	2.0	0.6	147	14	LOS SANTOS (SANTANDER)
6706	Nov 18 2017	10:10:58.0	6.79	-73.13	147	2.0	0.4	113	24	LOS SANTOS (SANTANDER)
6707	Nov 18 2017	10:14:36.8	6.39	-73.63	110	1.4	0.1	170	10	SANTA HELENA DEL OPON (SANTANDER)
6708	Nov 18 2017	10:40: 3.6	2.16	-75.60	14	1.6	0.7	106	17	GARZON (HUILA)
6709	Nov 18 2017	10:42:19.5	10.54	-73.39	Sup	1.2	0.8	124	14	PUEBLO BELLO (CESAR)
6710	Nov 18 2017	11:05:28.7	6.70	-73.34	117	1.5	0.4	108	12	GALAN (SANTANDER)
6711	Nov 18 2017	12:38:46.9	10.36	-73.59	70	2.0	0.5	182	7	PUEBLO BELLO (CESAR)
6712	Nov 18 2017	13:04:37.9	2.89	-74.63	Sup	1.6	0.3	150	10	URIBE (META)
6713	Nov 18 2017	13:07: 8.4	9.72	-75.59	24	2.3	0.7	260	17	SAN ONOFRE (SUCRE)
6714	Nov 18 2017	13:17: 5.0	6.73	-73.18	140	1.6	0.4	142	9	VILLANUEVA (SANTANDER)
6715	Nov 18 2017	15:02:24.4	6.72	-73.13	137	1.7	0.3	161	11	JORDAN (SANTANDER)
6716	Nov 18 2017	15:13: 0.3	2.03	-75.75	Sup	0.8	0.2	127	8	GUADALUPE (HUILA)
6717	Nov 18 2017	17:06:42.8	7.38	-73.17	130	2.1	0.2	176	16	EL PLAYON (SANTANDER)
6718	Nov 18 2017	17:58:41.9	10.55	-73.41	20	1.4	0.6	119	15	PUEBLO BELLO (CESAR)
6719	Nov 18 2017	18:19: 3.3	6.80	-73.15	133	1.6	0.1	255	7	LOS SANTOS (SANTANDER)
6720	Nov 18 2017	18:36:16.4	6.82	-73.14	144	1.6	0.3	258	9	LOS SANTOS (SANTANDER)
6721	Nov 18 2017	19:17:12.9	6.84	-73.16	139	2.6	0.5	63	40	LOS SANTOS (SANTANDER)
6722	Nov 18 2017	20:14:33.4	8.40	-71.96	Sup	2.2	0.5	219	12	FRONTERA CON VENEZUELA
6723	Nov 18 2017	20:48:47.7	1.95	-75.93	30	0.9	0.2	142	8	TIMANA (HUILA)
6724	Nov 18 2017	21:19:56.5	8.42	-71.89	Sup	2.3	0.5	116	11	FRONTERA CON VENEZUELA
6725	Nov 18 2017	21:27: 4.8	6.88	-73.08	162	2.4	0.4	69	32	PIEDECUESTA (SANTANDER)
6726	Nov 18 2017	22:31: 5.9	6.95	-73.04	161	2.1	0.5	89	24	PIEDECUESTA (SANTANDER)
6727	Nov 18 2017	23:30:44.2	8.39	-71.90	6	1.9	0.6	222	7	FRONTERA CON VENEZUELA
6728	Nov 18 2017	23:33:26.5	5.70	-72.70	Sup	1.6	0.4	172	10	MONGUA (BOYACA)
6729	Nov 18 2017	23:49:49.3	3.04	-71.43	10	2.7	0.6	272	16	MAPIRIPAN (META)
6730	Nov 19 2017	00:40:16.2	6.82	-73.10	143	2.3	0.6	108	32	LOS SANTOS (SANTANDER)
6731	Nov 19 2017	01:33:39.5	3.54	-76.80	Sup	2.4	0.9	115	31	DAGUA (VALLE)
6732	Nov 19 2017	01:58:23.4	8.37	-71.83	Sup	2.4	0.6	173	10	FRONTERA CON VENEZUELA
6733	Nov 19 2017	02:08:29.8	6.34	-72.28	Sup	2.1	0.6	102	17	GUICAN (BOYACA)
6734	Nov 19 2017	02:44:17.5	12.14	-71.53	19	2.8	0.5	293	27	URIBIA (LA GUAJIRA)
6735	Nov 19 2017	04:18:36.7	6.81	-73.16	144	1.4	0.4	110	8	LOS SANTOS (SANTANDER)
6736	Nov 19 2017	06:06:15.7	6.89	-73.12	152	1.5	0.3	174	7	PIEDECUESTA (SANTANDER)
6737	Nov 19 2017	06:38:53.5	6.75	-73.15	142	1.3	0.2	112	7	LOS SANTOS (SANTANDER)
6738	Nov 19 2017	07:09:57.9	6.84	-73.13	145	2.3	0.7	66	35	LOS SANTOS (SANTANDER)
6739	Nov 19 2017	08:55:24.0	6.72	-73.15	149	1.5	0.2	157	8	JORDAN (SANTANDER)
6740	Nov 19 2017	09:12:32.2	6.72	-73.15	141	1.2	0.2	157	6	JORDAN (SANTANDER)
6741	Nov 19 2017	09:52:48.5	6.82	-73.14	147	2.3	0.5	66	38	LOS SANTOS (SANTANDER)
6742	Nov 19 2017	10:23: 9.3	6.79	-73.17	140	1.9	0.3	109	22	LOS SANTOS (SANTANDER)
6743	Nov 19 2017	10:24:40.4	6.45	-73.50	110	1.2	0.3	169	7	SANTA HELENA DEL OPON (SANTANDER)
6744	Nov 19 2017	10:48:58.4	7.18	-73.73	89	1.4	0.2	156	10	BARRANCABERMEJA (SANTANDER)
6745	Nov 19 2017	11:25:54.1	6.81	-73.20	135	1.7	0.4	147	18	ZAPATOCA (SANTANDER)
6746	Nov 19 2017	12:07: 7.6	7.29	-73.46	99	2.0	0.4	164	18	SABANA DE TORRES (SANTANDER)
6747	Nov 19 2017	14:55:32.1	4.77	-74.77	Sup	2.0	0.6	63	53	AMBALEMA (TOLIMA)
6748	Nov 19 2017	14:58:47.0	2.72	-74.93	32	1.4	0.4	227	9	RIVERA (HUILA)
6749	Nov 19 2017	15:06:16.6	7.09	-72.24	16	1.9	0.4	206	17	CUBARA (BOYACA)
6750	Nov 19 2017	15:10:38.4	6.79	-73.19	143	1.1	0.1	131	9	ZAPATOCA (SANTANDER)
6751	Nov 19 2017	16:11:47.8	5.40	-73.78	130	1.4	0.5	120	24	FUQUENE (CUNDINAMARCA)
6752	Nov 19 2017	16:27:49.0	8.42	-71.98	Sup	1.8	0.6	222	9	FRONTERA CON VENEZUELA
6753	Nov 19 2017	16:52: 1.8	6.82	-73.15	139	2.5	0.6	64	46	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6754	Nov 19 2017	17:01: 2.8	6.84	-73.17	147	1.0	0.5	147	8	ZAPATOCA (SANTANDER)
6755	Nov 19 2017	17:36:34.1	6.79	-73.10	142	1.2	0.4	161	9	LOS SANTOS (SANTANDER)
6756	Nov 19 2017	17:53:18.3	6.78	-72.20	51	3.2	0.5	93	70	CUBARA (BOYACA)
6757	Nov 19 2017	18:03:32.3	4.37	-75.30	Sup	1.0	0.9	128	14	IBAGUE (TOLIMA)
6758	Nov 19 2017	18:16:24.8	6.76	-72.21	32	2.0	0.4	168	12	CUBARA (BOYACA)
6759	Nov 19 2017	19:35:14.8	6.80	-73.17	138	2.7	0.4	63	51	LOS SANTOS (SANTANDER)
6760	Nov 19 2017	20:42:43.8	6.77	-73.15	141	2.1	0.5	65	25	LOS SANTOS (SANTANDER)
6761	Nov 19 2017	21:36:34.9	7.39	-73.20	132	1.2	0.1	220	8	EL PLAYON (SANTANDER)
6762	Nov 19 2017	23:49:57.5	6.16	-73.48	121	1.1	0.2	122	8	SAN BENITO (SANTANDER)
6763	Nov 19 2017	23:59: 4.2	6.80	-73.17	143	1.9	0.4	63	28	LOS SANTOS (SANTANDER)
6764	Nov 20 2017	00:41: 3.9	6.80	-73.16	136	1.1	0.3	135	9	LOS SANTOS (SANTANDER)
6765	Nov 20 2017	01:17:29.6	5.62	-74.03	112	1.2	0.5	130	14	SAN PABLO DE BORBUR (BOYACA)
6766	Nov 20 2017	01:41:46.9	6.81	-73.15	142	1.9	0.6	111	27	LOS SANTOS (SANTANDER)
6767	Nov 20 2017	03:20:16.7	6.84	-73.11	143	1.4	0.4	138	15	LOS SANTOS (SANTANDER)
6768	Nov 20 2017	03:35: 9.0	5.97	-73.66	115	1.3	0.4	110	15	VELEZ (SANTANDER)
6769	Nov 20 2017	03:54:49.0	7.11	-76.22	Sup	0.8	0.4	164	9	DABEIBA (ANTIOQUIA)
6770	Nov 20 2017	04:53:50.9	4.27	-78.69	32	2.0	0.6	265	30	O. PACIFICO CENTRO
6771	Nov 20 2017	05:02:39.7	3.86	-71.49	Sup	1.9	0.5	319	12	PUERTO GAITAN (META)
6772	Nov 20 2017	05:06:52.4	3.25	-74.63	6	1.2	0.2	263	11	COLOMBIA (HUILA)
6773	Nov 20 2017	05:12:14.9	6.31	-74.38	Sup	1.3	0.6	120	13	PUERTO BERRIO (ANTIOQUIA)
6774	Nov 20 2017	05:21:27.3	5.69	-79.29	40	2.5	0.9	166	30	O. PACIFICO NORTE
6775	Nov 20 2017	05:27:29.5	5.42	-76.51	32	1.7	0.6	225	14	LLORO (CHOCO)
6776	Nov 20 2017	05:33:43.6	5.68	-79.20	32	2.4	0.7	199	27	O. PACIFICO NORTE
6777	Nov 20 2017	05:36:46.2	4.37	-75.34	Sup	1.4	0.2	147	15	CAJAMARCA (TOLIMA)
6778	Nov 20 2017	05:43:35.9	6.84	-73.15	143	2.6	0.8	64	55	LOS SANTOS (SANTANDER)
6779	Nov 20 2017	05:47:57.4	3.50	-74.20	Sup	1.8	0.9	125	34	LEJANIAS (META)
6780	Nov 20 2017	06:05:25.9	6.69	-71.73	44	2.4	0.6	204	25	FORTUL (ARAUCA)
6781	Nov 20 2017	06:22:57.4	7.42	-73.11	140	1.2	0.4	189	10	EL PLAYON (SANTANDER)
6782	Nov 20 2017	06:26:58.2	6.54	-72.22	Sup	1.6	0.7	134	12	GUICAN (BOYACA)
6783	Nov 20 2017	06:47:28.2	6.76	-73.14	140	1.1	0.3	138	10	LOS SANTOS (SANTANDER)
6784	Nov 20 2017	06:50:58.8	6.80	-73.18	146	1.1	0.3	132	7	ZAPATOCA (SANTANDER)
6785	Nov 20 2017	07:10:57.4	6.81	-73.18	143	2.1	0.7	108	37	ZAPATOCA (SANTANDER)
6786	Nov 20 2017	07:39: 7.8	6.83	-73.16	145	2.1	0.5	63	42	ZAPATOCA (SANTANDER)
6787	Nov 20 2017	07:56:24.5	5.05	-75.97	111	1.2	0.1	113	9	SANTUARIO (RISARALDA)
6788	Nov 20 2017	08:09:14.0	3.79	-71.54	Sup	1.3	0.3	318	8	PUERTO GAITAN (META)
6789	Nov 20 2017	08:12:27.9	6.83	-73.15	145	1.5	0.3	110	20	LOS SANTOS (SANTANDER)
6790	Nov 20 2017	08:23: 1.4	6.69	-72.06	Sup	1.5	0.4	178	14	CUBARA (BOYACA)
6791	Nov 20 2017	08:59:41.2	6.72	-73.22	134	1.1	0.4	166	9	VILLANUEVA (SANTANDER)
6792	Nov 20 2017	09:01:40.9	6.76	-73.15	137	1.1	0.3	242	8	LOS SANTOS (SANTANDER)
6793	Nov 20 2017	09:11:42.9	6.74	-73.18	149	1.4	0.4	239	9	VILLANUEVA (SANTANDER)
6794	Nov 20 2017	09:53:16.1	6.82	-73.17	140	2.2	0.4	63	38	ZAPATOCA (SANTANDER)
6795	Nov 20 2017	11:03:17.9	6.85	-73.18	146	1.8	0.4	136	14	ZAPATOCA (SANTANDER)
6796	Nov 20 2017	11:06:38.7	6.77	-73.18	143	1.4	0.3	138	8	LOS SANTOS (SANTANDER)
6797	Nov 20 2017	12:23:31.0	6.80	-73.15	142	2.2	0.7	146	17	LOS SANTOS (SANTANDER)
6798	Nov 20 2017	12:52: 8.8	7.05	-76.13	Sup	1.7	0.5	103	8	DABEIBA (ANTIOQUIA)
6799	Nov 20 2017	14:41:14.1	6.79	-73.16	142	1.8	0.4	143	14	LOS SANTOS (SANTANDER)
6800	Nov 20 2017	15:25:56.3	6.81	-73.18	148	2.2	0.7	75	20	ZAPATOCA (SANTANDER)
6801	Nov 20 2017	15:39:10.9	6.77	-73.16	137	1.7	0.5	135	12	LOS SANTOS (SANTANDER)
6802	Nov 20 2017	15:46:26.7	6.06	-73.74	108	0.8	0.3	199	8	EL PENON (SANTANDER)
6803	Nov 20 2017	17:18:13.3	6.81	-73.24	137	1.8	0.7	113	12	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6804	Nov 20 2017	17:40:44.5	6.83	-73.18	142	1.8	0.4	130	15	ZAPATOCA (SANTANDER)
6805	Nov 20 2017	18:46: 5.4	3.55	-76.54	132	1.5	0.7	169	8	YUMBO (VALLE)
6806	Nov 20 2017	18:59:33.8	6.80	-73.14	144	2.7	0.8	66	48	LOS SANTOS (SANTANDER)
6807	Nov 20 2017	19:27:41.2	6.36	-73.59	112	2.1	0.5	66	28	SANTA HELENA DEL OPOON (SANTANDER)
6808	Nov 20 2017	20:10: 8.2	12.28	-71.76	18	2.9	0.5	305	18	URIBIA (LA GUAJIRA)
6809	Nov 20 2017	21:33:20.0	5.89	-74.85	Sup	1.5	0.5	66	17	SAN LUIS (ANTIOQUIA)
6810	Nov 20 2017	22:54:20.2	6.82	-73.14	146	1.8	0.4	111	15	LOS SANTOS (SANTANDER)
6811	Nov 20 2017	23:32:12.7	7.25	-77.14	68	2.3	0.3	120	9	RIOSUCIO (CHOCO)
6812	Nov 20 2017	23:52:55.6	4.96	-74.61	10	1.8	0.9	59	28	CHAGUANI (CUNDINAMARCA)
6813	Nov 21 2017	00:16:47.9	6.78	-73.14	145	1.4	0.4	137	14	LOS SANTOS (SANTANDER)
6814	Nov 21 2017	00:34:19.9	8.71	-73.15	132	2.3	0.5	79	53	EL TARRA (N.SANTANDER)
6815	Nov 21 2017	00:53:41.1	6.84	-73.16	146	1.6	0.4	132	15	LOS SANTOS (SANTANDER)
6816	Nov 21 2017	01:16:21.2	3.59	-74.28	Sup	1.6	0.5	166	20	LEJANIAS (META)
6817	Nov 21 2017	01:39:29.0	6.80	-73.41	111	1.2	0.2	236	8	SAN VICENTE DE CHUCURI (SANTANDER)
6818	Nov 21 2017	02:11:28.0	6.83	-73.14	148	2.6	0.8	56	70	LOS SANTOS (SANTANDER)
6819	Nov 21 2017	02:40:56.0	5.43	-73.77	146	2.3	0.7	50	51	FUQUENE (CUNDINAMARCA)
6820	Nov 21 2017	03:07: 9.2	3.68	-71.31	7	1.5	0.2	301	9	PUERTO GAITAN (META)
6821	Nov 21 2017	03:29:11.4	7.37	-73.30	123	1.4	0.3	256	8	EL PLAYON (SANTANDER)
6822	Nov 21 2017	03:38:35.2	6.80	-73.15	156	1.3	0.5	244	10	LOS SANTOS (SANTANDER)
6823	Nov 21 2017	03:47:45.4	3.83	-71.36	Sup	1.8	0.4	245	13	PUERTO GAITAN (META)
6824	Nov 21 2017	03:57:32.6	6.74	-73.15	134	1.2	0.3	138	9	LOS SANTOS (SANTANDER)
6825	Nov 21 2017	04:12:20.7	2.01	-76.09	Sup	1.3	0.6	104	22	SALADOBLANCO (HUILA)
6826	Nov 21 2017	04:51: 8.8	6.80	-73.18	145	1.4	0.4	132	19	ZAPATOCA (SANTANDER)
6827	Nov 21 2017	04:53:14.3	6.78	-73.13	145	1.8	0.5	66	33	LOS SANTOS (SANTANDER)
6828	Nov 21 2017	05:15:35.5	8.19	-73.00	151	1.9	0.4	170	20	HACARI (N.SANTANDER)
6829	Nov 21 2017	05:27:36.3	6.90	-76.18	Sup	1.9	0.6	156	28	URAMITA (ANTIOQUIA)
6830	Nov 21 2017	05:51:24.9	6.77	-73.16	136	1.6	0.5	146	14	LOS SANTOS (SANTANDER)
6831	Nov 21 2017	06:11:52.3	6.81	-73.17	139	2.3	0.5	63	50	LOS SANTOS (SANTANDER)
6832	Nov 21 2017	06:30:47.7	2.71	-75.01	Sup	1.5	0.4	175	19	RIVERA (HUILA)
6833	Nov 21 2017	06:45:12.3	7.27	-75.67	Sup	1.4	0.5	111	13	ITUANGO (ANTIOQUIA)
6834	Nov 21 2017	06:57:31.1	6.91	-73.17	148	2.2	0.7	61	39	BETULIA (SANTANDER)
6835	Nov 21 2017	07:02:35.5	6.89	-76.16	Sup	1.3	0.7	166	11	URAMITA (ANTIOQUIA)
6836	Nov 21 2017	07:03:12.7	3.32	-74.63	21	1.9	0.5	96	20	COLOMBIA (HUILA)
6837	Nov 21 2017	07:45:10.1	3.88	-71.32	Sup	1.8	0.5	246	11	PUERTO GAITAN (META)
6838	Nov 21 2017	08:22:24.6	6.81	-73.13	139	1.6	0.5	154	12	LOS SANTOS (SANTANDER)
6839	Nov 21 2017	08:52:11.3	6.80	-73.16	146	1.3	0.3	142	8	LOS SANTOS (SANTANDER)
6840	Nov 21 2017	09:19:13.1	6.87	-73.12	146	2.2	0.8	66	34	LOS SANTOS (SANTANDER)
6841	Nov 21 2017	09:27:38.1	7.46	-75.30	23	3.4	1.2	40	61	CACERES (ANTIOQUIA)
6842	Nov 21 2017	09:35:20.3	6.79	-73.18	141	1.5	0.2	76	12	LOS SANTOS (SANTANDER)
6843	Nov 21 2017	09:37:20.2	4.75	-76.12	95	1.0	0.5	118	9	ARGELIA (VALLE)
6844	Nov 21 2017	09:45:41.0	3.57	-76.28	134	1.5	0.2	123	20	PALMIRA (VALLE)
6845	Nov 21 2017	09:52: 1.4	6.80	-73.15	146	1.6	0.4	147	13	LOS SANTOS (SANTANDER)
6846	Nov 21 2017	10:02:58.1	2.55	-75.50	Sup	1.0	0.3	150	12	HOBO (HUILA)
6847	Nov 21 2017	10:44:54.4	6.79	-73.12	136	1.3	0.5	158	9	LOS SANTOS (SANTANDER)
6848	Nov 21 2017	10:46:12.6	6.37	-73.15	188	1.7	0.5	116	20	PARAMO (SANTANDER)
6849	Nov 21 2017	10:55:52.7	6.85	-73.15	139	1.6	0.5	143	10	LOS SANTOS (SANTANDER)
6850	Nov 21 2017	12:22: 9.5	4.08	-75.74	Sup	1.1	0.4	213	8	GENOVA (QUINDIO)
6851	Nov 21 2017	12:55:25.4	4.56	-76.69	16	1.6	0.8	158	17	SIPI (CHOCO)
6852	Nov 21 2017	13:20: 9.3	5.78	-74.82	Sup	2.1	0.6	59	29	PUERTO TRIUNFO (ANTIOQUIA)
6853	Nov 21 2017	13:22:58.9	6.85	-73.12	146	2.9	0.9	57	58	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6854	Nov 21 2017	13:25:15.0	6.84	-73.12	150	3.4	0.9	56	99	LOS SANTOS (SANTANDER)
6855	Nov 21 2017	13:27:50.1	6.84	-73.12	147	3.1	0.9	56	61	LOS SANTOS (SANTANDER)
6856	Nov 21 2017	13:37: 6.3	4.19	-77.89	20	2.1	0.4	247	14	O. PACIFICO CENTRO
6857	Nov 21 2017	13:53: 2.4	6.80	-73.16	139	1.2	0.2	142	9	LOS SANTOS (SANTANDER)
6858	Nov 21 2017	15:09:58.4	7.10	-75.72	Sup	1.5	0.4	117	9	ITUANGO (ANTIOQUIA)
6859	Nov 21 2017	15:10:42.3	11.52	-73.78	Sup	1.6	1.1	213	8	MAR CARIBE
6860	Nov 21 2017	15:18:47.1	6.81	-73.20	143	1.1	0.3	146	9	ZAPATOCA (SANTANDER)
6861	Nov 21 2017	15:22:12.1	3.95	-71.55	Sup	1.9	0.6	285	13	PUERTO GAITAN (META)
6862	Nov 21 2017	15:35:53.7	6.80	-73.13	142	2.3	0.7	113	42	LOS SANTOS (SANTANDER)
6863	Nov 21 2017	16:15: 9.1	6.02	-73.97	95	1.0	0.2	141	8	EL PENON (SANTANDER)
6864	Nov 21 2017	17:31:43.4	4.27	-76.28	99	1.4	0.4	161	10	TRUJILLO (VALLE)
6865	Nov 21 2017	18:00:47.8	6.76	-73.15	143	1.9	0.4	136	18	LOS SANTOS (SANTANDER)
6866	Nov 21 2017	18:12:20.5	6.21	-73.77	96	1.2	0.3	124	10	LANDAZURI (SANTANDER)
6867	Nov 21 2017	19:41:28.6	5.94	-73.80	108	1.5	0.3	83	13	SUCRE (SANTANDER)
6868	Nov 21 2017	20:17:47.5	7.36	-72.14	Sup	1.8	0.5	246	11	FRONTERA CON VENEZUELA
6869	Nov 21 2017	20:43:43.1	5.25	-73.73	140	2.7	0.6	55	43	CUCUNUBA (CUNDINAMARCA)
6870	Nov 21 2017	21:12:50.2	6.80	-73.18	136	2.1	0.3	132	22	ZAPATOCA (SANTANDER)
6871	Nov 21 2017	21:27: 5.9	6.79	-73.13	142	2.5	0.5	66	52	LOS SANTOS (SANTANDER)
6872	Nov 21 2017	22:22:53.3	6.82	-73.16	134	1.0	0.2	184	7	LOS SANTOS (SANTANDER)
6873	Nov 21 2017	22:38:20.2	6.79	-73.14	137	1.4	0.3	137	7	LOS SANTOS (SANTANDER)
6874	Nov 21 2017	22:45:19.5	6.88	-76.19	Sup	1.4	0.3	217	10	URAMITA (ANTIOQUIA)
6875	Nov 21 2017	23:52:21.7	8.05	-73.62	87	1.7	0.4	69	22	SAN MARTIN (CESAR)
6876	Nov 22 2017	00:48:41.3	4.74	-76.17	116	1.2	0.4	194	10	EL CAIRO (VALLE)
6877	Nov 22 2017	01:41:19.2	2.82	-78.72	26	1.6	0.5	294	12	O. PACIFICO SUR
6878	Nov 22 2017	01:45:27.0	4.72	-76.11	86	1.2	0.5	117	16	ARGELIA (VALLE)
6879	Nov 22 2017	02:04:46.1	6.82	-73.11	143	1.5	0.4	247	14	LOS SANTOS (SANTANDER)
6880	Nov 22 2017	02:15:14.9	5.28	-73.73	156	2.7	1.0	54	65	LENGUAZAQUE (CUNDINAMARCA)
6881	Nov 22 2017	02:26:11.4	5.27	-73.76	144	1.4	0.4	92	22	CUCUNUBA (CUNDINAMARCA)
6882	Nov 22 2017	02:55:44.1	2.49	-75.59	Sup	1.9	0.7	123	32	GIGANTE (HUILA)
6883	Nov 22 2017	03:13: 7.5	5.28	-73.73	149	2.5	0.9	54	51	LENGUAZAQUE (CUNDINAMARCA)
6884	Nov 22 2017	03:22: 8.4	7.33	-78.40	14	1.9	0.5	271	8	O. PACIFICO NORTE
6885	Nov 22 2017	04:23:11.7	6.76	-73.14	146	1.2	0.4	139	11	LOS SANTOS (SANTANDER)
6886	Nov 22 2017	05:17:28.2	2.36	-75.45	Sup	1.8	0.7	142	23	GIGANTE (HUILA)
6887	Nov 22 2017	05:19: 5.9	7.34	-76.11	Sup	1.3	0.6	125	13	MUTATA (ANTIOQUIA)
6888	Nov 22 2017	06:10:40.6	6.82	-73.15	137	2.1	0.6	70	27	LOS SANTOS (SANTANDER)
6889	Nov 22 2017	06:10:40.6	6.82	-73.15	137	2.1	0.6	70	27	LOS SANTOS (SANTANDER)
6890	Nov 22 2017	06:52:38.9	6.80	-73.17	126	0.9	0.4	132	8	ZAPATOCA (SANTANDER)
6891	Nov 22 2017	06:55:55.7	6.73	-73.13	150	0.9	0.2	243	7	JORDAN (SANTANDER)
6892	Nov 22 2017	07:34:19.1	6.53	-73.03	162	1.0	1.9	127	8	CURITI (SANTANDER)
6893	Nov 22 2017	07:34:21.0	6.79	-73.17	151	1.0	0.1	142	7	LOS SANTOS (SANTANDER)
6894	Nov 22 2017	07:39:42.1	4.11	-75.43	Sup	1.2	0.4	122	13	RONCESVALLES (TOLIMA)
6895	Nov 22 2017	07:45:45.1	2.43	-75.58	Sup	0.6	0.3	130	12	GIGANTE (HUILA)
6896	Nov 22 2017	08:31:35.2	6.82	-73.20	139	1.4	0.6	128	20	ZAPATOCA (SANTANDER)
6897	Nov 22 2017	09:07:58.4	6.76	-73.16	150	0.9	0.1	241	7	LOS SANTOS (SANTANDER)
6898	Nov 22 2017	09:23:17.3	7.57	-75.14	41	1.0	0.3	172	7	CACERES (ANTIOQUIA)
6899	Nov 22 2017	10:05:37.1	7.73	-76.53	45	1.7	0.6	154	16	CAREPA (ANTIOQUIA)
6900	Nov 22 2017	10:50:12.2	6.81	-73.16	137	1.4	0.5	134	14	LOS SANTOS (SANTANDER)
6901	Nov 22 2017	10:53:47.9	6.82	-73.12	141	2.9	0.8	56	62	LOS SANTOS (SANTANDER)
6902	Nov 22 2017	10:57:41.5	6.83	-73.17	140	2.2	0.6	108	35	ZAPATOCA (SANTANDER)
6903	Nov 22 2017	11:24:30.0	7.24	-77.16	14	2.2	1.1	68	35	RIOSUCIO (CHOCO)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6904	Nov 22 2017	11:53: 5.6	6.07	-73.73	112	2.0	0.6	78	36	EL PENON (SANTANDER)
6905	Nov 22 2017	12:06:11.9	6.67	-73.18	158	1.5	0.4	269	8	VILLANUEVA (SANTANDER)
6906	Nov 22 2017	12:09: 7.2	7.23	-75.54	Sup	1.5	0.3	177	10	BRICENO (ANTIOQUIA)
6907	Nov 22 2017	12:09:54.5	6.78	-73.19	139	1.4	0.2	274	8	ZAPATOCA (SANTANDER)
6908	Nov 22 2017	12:17: 5.2	6.87	-73.15	140	1.2	0.4	280	8	LOS SANTOS (SANTANDER)
6909	Nov 22 2017	12:46: 6.8	6.82	-73.14	135	2.2	0.6	65	34	LOS SANTOS (SANTANDER)
6910	Nov 22 2017	13:33:22.3	5.81	-73.92	107	1.2	0.3	137	10	FLORIAN (SANTANDER)
6911	Nov 22 2017	13:59:41.9	3.31	-76.79	24	1.7	1.0	85	18	JAMUNDI (VALLE)
6912	Nov 22 2017	14:05:40.0	6.80	-73.22	139	1.1	0.1	146	8	ZAPATOCA (SANTANDER)
6913	Nov 22 2017	15:14:17.3	6.80	-73.11	138	1.7	0.5	141	18	LOS SANTOS (SANTANDER)
6914	Nov 22 2017	17:16: 5.7	6.82	-73.15	145	1.9	0.5	134	21	LOS SANTOS (SANTANDER)
6915	Nov 22 2017	17:32:39.9	6.79	-73.18	141	1.3	0.2	143	10	ZAPATOCA (SANTANDER)
6916	Nov 22 2017	17:51:37.3	6.89	-73.15	138	1.3	0.3	281	8	BETULIA (SANTANDER)
6917	Nov 22 2017	18:20:49.8	6.81	-73.10	149	1.2	0.4	247	10	LOS SANTOS (SANTANDER)
6918	Nov 22 2017	18:47:14.6	6.58	-73.54	104	2.0	0.5	103	25	EL CARMEN (SANTANDER)
6919	Nov 22 2017	19:02:42.4	6.81	-73.13	144	2.4	0.6	67	40	LOS SANTOS (SANTANDER)
6920	Nov 22 2017	19:13:20.8	6.78	-73.13	143	2.3	0.5	106	39	LOS SANTOS (SANTANDER)
6921	Nov 22 2017	19:52:48.8	6.81	-73.14	148	1.3	0.4	244	9	LOS SANTOS (SANTANDER)
6922	Nov 22 2017	19:55:31.7	6.70	-73.56	102	1.3	0.4	165	10	EL CARMEN (SANTANDER)
6923	Nov 22 2017	21:31:54.2	5.24	-76.56	65	2.7	0.9	45	67	TADO (CHOCO)
6924	Nov 22 2017	21:54:31.2	9.65	-73.18	129	2.3	0.4	233	12	BECERRIL (CESAR)
6925	Nov 22 2017	23:33:30.7	6.83	-73.14	139	2.0	0.7	65	28	LOS SANTOS (SANTANDER)
6926	Nov 22 2017	23:44:33.5	1.98	-75.09	Sup	1.6	0.4	151	15	PUERTO RICO (CAQUETA)
6927	Nov 23 2017	00:40:59.1	2.02	-75.80	Sup	1.3	0.7	109	20	GUADALUPE (HUILA)
6928	Nov 23 2017	01:42:48.6	6.79	-73.13	143	1.1	0.3	139	7	LOS SANTOS (SANTANDER)
6929	Nov 23 2017	01:44:50.9	6.96	-73.15	150	1.2	0.4	159	8	GIRON (SANTANDER)
6930	Nov 23 2017	01:54:23.4	3.45	-77.06	92	1.7	0.5	147	14	DAGUA (VALLE)
6931	Nov 23 2017	01:59:18.3	12.58	-71.54	Sup	2.4	0.6	284	13	MAR CARIBE
6932	Nov 23 2017	02:06:24.9	6.82	-73.14	138	2.0	0.7	65	37	LOS SANTOS (SANTANDER)
6933	Nov 23 2017	02:34: 9.7	7.05	-73.43	113	1.0	0.2	147	9	SAN VICENTE DE CHUCURI (SANTANDER)
6934	Nov 23 2017	03:14: 0.5	5.96	-75.79	Sup	1.0	0.4	165	8	VENECIA (ANTIOQUIA)
6935	Nov 23 2017	03:20:42.8	6.88	-74.01	77	1.3	0.4	125	13	YONDO (ANTIOQUIA)
6936	Nov 23 2017	03:22:33.0	1.96	-75.88	Sup	1.0	0.7	124	9	TIMANA (HUILA)
6937	Nov 23 2017	03:37:57.6	7.41	-73.12	141	1.1	0.4	186	9	EL PLAYON (SANTANDER)
6938	Nov 23 2017	03:49:50.5	8.13	-73.49	111	1.4	0.4	76	14	SAN MARTIN (CESAR)
6939	Nov 23 2017	04:55:29.5	5.06	-76.23	88	1.5	0.7	111	27	SAN JOSE DEL PALMAR (CHOCO)
6940	Nov 23 2017	05:25:35.2	6.80	-73.08	150	1.8	0.8	124	34	LOS SANTOS (SANTANDER)
6941	Nov 23 2017	05:40: 6.2	11.42	-72.80	54	1.3	0.4	171	9	MANAURE BALCON CESAR (CESAR)
6942	Nov 23 2017	05:55:16.7	8.44	-73.43	104	1.7	0.7	152	11	EL CARMEN (N.SANTANDER)
6943	Nov 23 2017	06:05:41.1	6.35	-71.87	Sup	1.6	0.6	141	15	TAME (ARAUCA)
6944	Nov 23 2017	06:10:35.4	6.80	-73.14	148	1.6	0.7	111	24	LOS SANTOS (SANTANDER)
6945	Nov 23 2017	06:30: 8.5	6.72	-73.16	146	1.2	0.3	138	10	VILLANUEVA (SANTANDER)
6946	Nov 23 2017	06:39:39.4	6.77	-73.16	127	1.0	0.5	135	9	LOS SANTOS (SANTANDER)
6947	Nov 23 2017	06:44:57.3	4.61	-76.59	57	1.6	0.7	90	17	SIPI (CHOCO)
6948	Nov 23 2017	07:21:49.4	6.77	-73.15	139	1.0	0.2	137	9	LOS SANTOS (SANTANDER)
6949	Nov 23 2017	07:46:57.4	6.41	-76.69	7	1.3	0.4	269	7	VIGIA DEL FUERTE (ANTIOQUIA)
6950	Nov 23 2017	08:00: 6.0	4.20	-76.80	9	1.7	0.9	135	17	BUENAVENTURA (VALLE)
6951	Nov 23 2017	08:05:32.6	6.81	-73.16	145	1.3	0.3	133	13	LOS SANTOS (SANTANDER)
6952	Nov 23 2017	08:13:23.0	4.22	-73.86	Sup	1.3	0.7	121	12	GUAYABETAL (CUNDINAMARCA)
6953	Nov 23 2017	08:25:13.4	6.81	-73.13	139	1.7	0.5	137	19	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
6954	Nov 23 2017	08:29:45.0	6.38	-76.72	Sup	1.0	0.5	189	8	VIGIA DEL FUERTE (ANTIOQUIA)
6955	Nov 23 2017	08:48:46.8	6.78	-73.17	140	1.1	0.2	242	7	LOS SANTOS (SANTANDER)
6956	Nov 23 2017	09:43:56.7	6.34	-73.59	106	2.0	0.7	53	40	SANTA HELENA DEL OPON (SANTANDER)
6957	Nov 23 2017	09:46: 2.1	6.85	-73.12	138	1.7	0.6	70	22	LOS SANTOS (SANTANDER)
6958	Nov 23 2017	09:52: 1.3	6.78	-73.17	136	1.7	0.6	110	21	LOS SANTOS (SANTANDER)
6959	Nov 23 2017	10:27:22.6	5.24	-76.50	50	1.1	0.2	226	9	TADO (CHOCO)
6960	Nov 23 2017	10:42:17.8	6.82	-73.16	139	2.5	0.7	63	49	LOS SANTOS (SANTANDER)
6961	Nov 23 2017	10:54:58.3	6.27	-71.79	11	1.5	0.3	251	8	HATO COROZAL (CASANARE)
6962	Nov 23 2017	11:12: 6.3	3.79	-77.29	12	1.7	0.7	171	13	O. PACIFICO SUR
6963	Nov 23 2017	11:15:35.2	5.95	-74.02	22	1.1	0.3	186	6	LA BELLEZA (SANTANDER)
6964	Nov 23 2017	11:30:13.1	7.47	-77.39	13	2.0	0.4	92	12	RIOSUCIO (CHOCO)
6965	Nov 23 2017	11:49:18.4	4.20	-76.25	137	1.5	0.5	155	17	RIOFRIO (VALLE)
6966	Nov 23 2017	11:56: 6.7	2.99	-79.33	37	2.0	0.3	314	12	O. PACIFICO SUR
6967	Nov 23 2017	13:18:56.0	6.77	-73.13	137	1.4	0.3	140	11	LOS SANTOS (SANTANDER)
6968	Nov 23 2017	14:19:59.5	6.83	-73.50	112	1.2	0.3	165	10	SAN VICENTE DE CHUCURI (SANTANDER)
6969	Nov 23 2017	14:40: 4.4	6.79	-73.13	138	1.5	0.4	244	10	LOS SANTOS (SANTANDER)
6970	Nov 23 2017	15:30:43.1	12.65	-71.51	Sup	2.7	0.5	325	10	MAR CARIBE
6971	Nov 23 2017	15:40:28.3	2.09	-75.72	23	0.9	0.1	138	8	ALTAMIRA (HUILA)
6972	Nov 23 2017	16:20: 0.5	5.30	-73.75	149	2.0	0.6	130	24	LENGUAZAQUE (CUNDINAMARCA)
6973	Nov 23 2017	16:45:35.5	6.83	-73.18	140	2.4	0.6	62	40	ZAPATOCA (SANTANDER)
6974	Nov 23 2017	18:20:19.2	6.78	-73.16	143	1.8	0.4	135	12	LOS SANTOS (SANTANDER)
6975	Nov 23 2017	19:41:24.9	2.43	-75.57	Sup	1.5	0.5	134	16	GIGANTE (HUILA)
6976	Nov 23 2017	20:10:48.6	7.04	-73.68	89	1.6	0.4	143	16	BARRANCABERMEJA (SANTANDER)
6977	<u>Nov 23 2017</u>	<u>20:44:38.7</u>	<u>7.35</u>	<u>-76.15</u>	<u>Sup</u>	<u>3.8</u>	<u>1.7</u>	<u>35</u>	<u>117</u>	<u>MUTATA (ANTIOQUIA)</u>
6978	Nov 23 2017	20:50:59.5	10.24	-73.18	118	3.6	0.4	79	76	SAN DIEGO (CESAR)
6979	Nov 23 2017	21:08:36.5	7.21	-76.08	Sup	2.3	0.7	82	34	PEQUE (ANTIOQUIA)
6980	Nov 23 2017	21:31:56.6	2.23	-75.98	Sup	1.3	0.4	109	12	LA ARGENTINA (HUILA)
6981	Nov 23 2017	21:38:26.8	7.25	-76.12	Sup	2.1	0.5	85	34	DABEIBA (ANTIOQUIA)
6982	Nov 23 2017	23:57:47.3	2.67	-76.74	19	1.6	0.4	150	14	MORALES (CAUCA)
6983	Nov 24 2017	00:18:13.7	7.34	-76.16	Sup	3.0	1.4	41	75	MUTATA (ANTIOQUIA)
6984	Nov 24 2017	00:35:56.7	4.58	-75.86	125	1.4	0.3	161	11	QUIMBAYA (QUINDIO)
6985	Nov 24 2017	00:41:18.9	5.34	-74.79	17	1.1	0.2	278	8	VICTORIA (CALDAS)
6986	Nov 24 2017	01:51:53.2	6.44	-73.30	124	1.3	0.6	120	19	SIMACOTA (SANTANDER)
6987	Nov 24 2017	01:53:58.6	6.80	-73.13	140	1.8	0.7	137	28	LOS SANTOS (SANTANDER)
6988	Nov 24 2017	02:32:56.1	6.84	-73.19	145	1.3	0.2	148	9	ZAPATOCA (SANTANDER)
6989	Nov 24 2017	04:37:52.5	6.61	-74.08	12	1.1	0.6	164	12	PUERTO PARRA (SANTANDER)
6990	Nov 24 2017	05:21: 7.7	1.99	-75.93	Sup	1.0	0.3	96	11	TIMANA (HUILA)
6991	Nov 24 2017	05:23:21.0	6.44	-73.66	102	1.3	0.4	156	14	SANTA HELENA DEL OPON (SANTANDER)
6992	Nov 24 2017	05:47:13.1	6.80	-73.17	141	1.7	0.4	132	13	ZAPATOCA (SANTANDER)
6993	Nov 24 2017	06:38:31.5	6.79	-73.10	146	1.4	0.4	142	15	LOS SANTOS (SANTANDER)
6994	Nov 24 2017	06:45:29.9	6.87	-73.16	139	1.3	0.3	130	12	ZAPATOCA (SANTANDER)
6995	Nov 24 2017	06:50:43.5	6.81	-73.16	148	1.1	0.3	277	7	LOS SANTOS (SANTANDER)
6996	Nov 24 2017	07:00:35.6	5.99	-73.90	31	1.1	0.4	109	10	EL PENON (SANTANDER)
6997	Nov 24 2017	07:06:14.6	10.35	-73.52	83	1.7	0.3	117	18	PUEBLO BELLO (CESAR)
6998	Nov 24 2017	07:17:10.3	6.83	-73.14	145	2.4	0.7	56	53	LOS SANTOS (SANTANDER)
6999	Nov 24 2017	08:03:28.0	6.82	-73.17	138	1.6	0.4	132	18	ZAPATOCA (SANTANDER)
7000	Nov 24 2017	08:05:25.5	10.39	-72.90	104	1.6	0.3	157	13	MANAURE BALCON CESAR (CESAR)
7001	Nov 24 2017	08:09: 4.4	1.34	-79.40	Sup	2.7	0.8	219	46	O. PACIFICO SUR
7002	Nov 24 2017	08:32:38.9	6.82	-73.14	140	1.3	0.5	166	15	LOS SANTOS (SANTANDER)
7003	Nov 24 2017	09:12:33.6	7.30	-76.18	Sup	2.7	1.1	78	60	MUTATA (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7004	Nov 24 2017	09:26:55.4	7.28	-76.15	Sup	2.5	1.0	75	40	MUTATA (ANTIOQUIA)
7005	Nov 24 2017	09:44:25.7	5.84	-79.18	32	2.7	0.8	159	42	O. PACIFICO NORTE
7006	Nov 24 2017	10:30:33.5	2.18	-76.03	Sup	1.1	0.8	117	12	LA ARGENTINA (HUILA)
7007	Nov 24 2017	10:53: 5.9	7.28	-76.17	Sup	1.2	0.3	226	10	MUTATA (ANTIOQUIA)
7008	Nov 24 2017	10:57:26.6	7.30	-76.14	Sup	2.3	1.1	73	38	MUTATA (ANTIOQUIA)
7009	Nov 24 2017	11:01:11.3	6.82	-73.14	141	1.6	0.3	135	16	LOS SANTOS (SANTANDER)
7010	Nov 24 2017	11:01:41.7	6.79	-73.14	133	1.6	0.3	136	12	LOS SANTOS (SANTANDER)
7011	Nov 24 2017	11:05:49.3	3.25	-73.03	Sup	1.7	0.2	240	12	PUERTO LLERAS (META)
7012	Nov 24 2017	11:13:22.6	6.78	-73.18	134	1.2	0.2	133	11	LOS SANTOS (SANTANDER)
7013	Nov 24 2017	11:20:49.4	3.69	-76.86	23	1.2	0.3	215	8	DAGUA (VALLE)
7014	Nov 24 2017	11:27:58.1	7.26	-76.15	Sup	1.6	0.3	218	8	MUTATA (ANTIOQUIA)
7015	Nov 24 2017	11:31: 7.8	5.55	-76.57	15	1.6	0.9	247	14	LLORO (CHOCO)
7016	Nov 24 2017	11:39:16.1	10.66	-72.93	98	2.0	0.5	86	17	MANAURE BALCON CESAR (CESAR)
7017	Nov 24 2017	12:04:46.1	2.09	-75.71	40	1.2	0.2	115	9	ALTAMIRA (HUILA)
7018	Nov 24 2017	12:12:14.9	8.54	-73.37	118	2.0	0.6	140	22	EL CARMEN (N.SANTANDER)
7019	Nov 24 2017	12:16:11.6	5.53	-72.66	25	1.3	0.7	184	8	LABRANZAGRANDE (BOYACA)
7020	Nov 24 2017	12:17:21.0	5.71	-76.83	Sup	1.5	0.2	284	10	QUIBDO (CHOCO)
7021	Nov 24 2017	13:26:44.0	6.84	-73.13	150	4.1	1.1	56	103	LOS SANTOS (SANTANDER)
7022	Nov 24 2017	13:31:42.5	6.79	-73.15	142	1.9	0.3	136	10	LOS SANTOS (SANTANDER)
7023	Nov 24 2017	13:44:26.2	7.27	-76.16	Sup	1.5	0.2	223	8	MUTATA (ANTIOQUIA)
7024	Nov 24 2017	14:05: 3.0	4.77	-74.76	Sup	1.2	0.4	177	14	AMBALEMA (TOLIMA)
7025	Nov 24 2017	14:18:15.4	2.04	-75.72	Sup	0.7	0.4	121	7	GUADALUPE (HUILA)
7026	Nov 24 2017	14:41:54.2	6.83	-76.34	Sup	1.9	0.6	218	19	URAMITA (ANTIOQUIA)
7027	Nov 24 2017	14:51:36.4	6.83	-73.14	150	1.5	0.3	135	16	LOS SANTOS (SANTANDER)
7028	Nov 24 2017	15:05:17.1	2.93	-74.53	32	1.0	0.6	163	8	URIBE (META)
7029	Nov 24 2017	15:20:40.8	6.76	-73.23	146	1.2	0.2	227	7	ZAPATOCA (SANTANDER)
7030	Nov 24 2017	15:23: 3.4	6.78	-73.16	142	1.8	0.4	135	21	LOS SANTOS (SANTANDER)
7031	Nov 24 2017	15:33:57.3	6.78	-73.16	134	1.8	0.4	135	20	LOS SANTOS (SANTANDER)
7032	Nov 24 2017	16:04: 6.2	6.80	-73.12	142	1.3	0.3	246	9	LOS SANTOS (SANTANDER)
7033	Nov 24 2017	16:24:20.3	6.81	-73.21	138	1.2	0.3	275	7	ZAPATOCA (SANTANDER)
7034	Nov 24 2017	16:34:56.3	2.88	-74.75	Sup	1.8	0.5	224	14	BARAYA (HUILA)
7035	Nov 24 2017	16:36: 6.4	6.75	-73.17	137	1.6	0.4	135	12	LOS SANTOS (SANTANDER)
7036	Nov 24 2017	16:47: 3.1	7.70	-73.39	104	1.3	0.3	215	7	SAN ALBERTO (CESAR)
7037	Nov 24 2017	16:48:45.1	7.32	-78.58	Sup	2.5	0.7	148	16	O. PACIFICO NORTE
7038	Nov 24 2017	17:05:29.6	9.70	-74.20	24	1.9	0.7	85	15	ARIGUANI (MAGDALENA)
7039	Nov 24 2017	17:23:31.0	4.62	-76.53	81	1.3	0.3	239	8	SIPI (CHOCO)
7040	Nov 24 2017	17:29:11.8	6.82	-76.31	Sup	1.8	0.6	120	18	URAMITA (ANTIOQUIA)
7041	Nov 24 2017	17:42:12.5	6.80	-73.18	140	1.3	0.4	131	12	ZAPATOCA (SANTANDER)
7042	Nov 24 2017	18:19:54.1	6.86	-76.25	Sup	1.7	0.6	196	18	URAMITA (ANTIOQUIA)
7043	Nov 24 2017	19:45:57.4	6.86	-73.26	143	1.0	0.3	155	8	BETULIA (SANTANDER)
7044	Nov 24 2017	19:58:54.5	6.76	-73.15	137	1.0	0.3	138	7	LOS SANTOS (SANTANDER)
7045	Nov 25 2017	00:53:25.2	6.62	-76.72	22	1.7	0.9	124	25	VIGIA DEL FUERTE (ANTIOQUIA)
7046	Nov 25 2017	01:26:19.4	6.80	-73.15	139	1.3	0.4	136	14	LOS SANTOS (SANTANDER)
7047	Nov 25 2017	02:24:11.4	3.57	-76.74	67	1.2	0.6	130	11	DAGUA (VALLE)
7048	Nov 25 2017	02:43: 2.5	6.82	-73.08	138	1.4	0.5	143	13	LOS SANTOS (SANTANDER)
7049	Nov 25 2017	03:39:49.4	6.79	-73.77	91	2.4	0.8	37	63	YONDO (ANTIOQUIA)
7050	Nov 25 2017	03:44:48.3	6.62	-73.43	117	2.9	0.8	45	73	EL CARMEN (SANTANDER)
7051	Nov 25 2017	04:19: 0.8	11.38	-73.41	54	3.2	0.7	183	49	MAR CARIBE
7052	Nov 25 2017	04:56:36.7	6.88	-73.17	149	2.5	0.7	56	50	BETULIA (SANTANDER)
7053	Nov 25 2017	05:19:23.9	6.79	-73.16	142	1.6	0.5	134	16	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7054	Nov 25 2017	06:54:58.6	6.19	-73.60	114	1.4	0.5	73	22	LA PAZ (SANTANDER)
7055	Nov 25 2017	07:58:59.8	6.84	-73.18	146	1.1	0.3	148	9	ZAPATOCA (SANTANDER)
7056	Nov 25 2017	08:25:48.8	6.86	-74.72	Sup	1.6	0.7	133	16	VEGACHI (ANTIOQUIA)
7057	Nov 25 2017	08:28:48.7	6.81	-73.15	138	2.2	0.4	65	19	LOS SANTOS (SANTANDER)
7058	Nov 25 2017	09:04:36.2	2.39	-75.42	Sup	2.2	1.2	67	44	GIGANTE (HUILA)
7059	Nov 25 2017	09:04:36.5	2.38	-75.44	Sup	2.2	1.2	67	42	GIGANTE (HUILA)
7060	Nov 25 2017	09:06:20.3	3.74	-76.90	26	1.4	0.3	146	7	BUENAVENTURA (VALLE)
7061	Nov 25 2017	09:13:18.8	6.84	-73.15	139	1.9	0.8	64	31	LOS SANTOS (SANTANDER)
7062	Nov 25 2017	09:17:33.0	6.80	-73.17	143	1.4	0.2	143	8	LOS SANTOS (SANTANDER)
7063	Nov 25 2017	09:30:42.7	6.82	-73.38	113	0.9	0.5	204	8	SAN VICENTE DE CHUCURI (SANTANDER)
7064	Nov 25 2017	09:33:18.8	6.67	-73.25	137	0.9	0.4	203	7	BARICHARA (SANTANDER)
7065	Nov 25 2017	10:14:41.6	11.72	-73.11	32	2.8	0.4	256	26	MAR CARIBE
7066	Nov 25 2017	10:34:47.1	6.83	-73.21	142	1.2	0.1	149	8	ZAPATOCA (SANTANDER)
7067	Nov 25 2017	10:37: 5.3	6.49	-76.06	56	1.4	0.4	157	16	CAICEDO (ANTIOQUIA)
7068	Nov 25 2017	10:45:14.5	3.02	-79.25	Sup	2.3	1.0	248	32	O. PACIFICO SUR
7069	Nov 25 2017	10:58:17.4	6.80	-73.12	139	2.2	0.8	67	36	LOS SANTOS (SANTANDER)
7070	Nov 25 2017	11:52: 1.4	2.94	-74.90	Sup	2.0	0.9	132	40	BARAYA (HUILA)
7071	Nov 25 2017	12:11:27.7	6.83	-73.11	141	2.4	0.9	103	47	LOS SANTOS (SANTANDER)
7072	Nov 25 2017	12:14:51.7	6.85	-73.27	146	1.3	0.2	155	8	ZAPATOCA (SANTANDER)
7073	Nov 25 2017	12:26:27.3	6.78	-73.18	127	1.1	0.3	142	8	ZAPATOCA (SANTANDER)
7074	Nov 25 2017	13:16:17.3	2.84	-74.91	15	2.2	0.7	167	24	TELLO (HUILA)
7075	Nov 25 2017	13:44:51.4	8.43	-71.89	Sup	2.4	1.0	107	21	FRONTERA CON VENEZUELA
7076	Nov 25 2017	13:48:12.6	2.73	-75.07	Sup	2.1	0.8	129	37	RIVERA (HUILA)
7077	Nov 25 2017	14:51:35.6	5.23	-73.77	131	1.5	0.4	120	9	CUCUNUBA (CUNDINAMARCA)
7078	Nov 25 2017	16:01:56.6	6.77	-73.24	128	1.1	0.4	145	8	ZAPATOCA (SANTANDER)
7079	Nov 25 2017	16:08: 2.8	6.76	-73.17	142	1.1	0.2	139	8	LOS SANTOS (SANTANDER)
7080	Nov 25 2017	16:27:58.8	6.84	-73.18	150	1.2	0.2	148	9	ZAPATOCA (SANTANDER)
7081	Nov 25 2017	17:18:10.2	6.77	-73.17	143	1.2	0.2	274	7	LOS SANTOS (SANTANDER)
7082	Nov 25 2017	17:56: 1.3	6.80	-73.11	150	2.0	0.5	115	28	LOS SANTOS (SANTANDER)
7083	Nov 25 2017	18:00:26.9	6.81	-73.16	143	2.0	0.6	110	32	LOS SANTOS (SANTANDER)
7084	Nov 25 2017	18:26:38.3	6.79	-73.17	138	1.6	0.5	133	15	LOS SANTOS (SANTANDER)
7085	Nov 25 2017	18:44:51.0	6.80	-73.17	138	0.8	0.2	143	8	LOS SANTOS (SANTANDER)
7086	Nov 25 2017	18:52:45.6	6.80	-73.16	148	1.8	0.5	134	24	LOS SANTOS (SANTANDER)
7087	Nov 25 2017	19:00:22.3	6.29	-72.88	Sup	1.3	0.4	196	8	ONZAGA (SANTANDER)
7088	Nov 25 2017	19:12:20.4	8.53	-77.84	17	2.4	0.7	149	8	FRONTERA CON PANAMA
7089	Nov 25 2017	19:25:19.0	5.21	-76.22	98	1.4	0.4	189	10	PUEBLO RICO (RISARALDA)
7090	Nov 25 2017	19:48:22.0	3.25	-74.80	Sup	2.5	1.0	136	49	COLOMBIA (HUILA)
7091	Nov 25 2017	19:51:12.5	2.69	-75.02	Sup	1.7	0.5	202	16	RIVERA (HUILA)
7092	Nov 25 2017	20:18:27.9	2.52	-77.21	70	1.5	0.3	111	11	ARGELIA (CAUCA)
7093	Nov 25 2017	20:21:27.4	10.23	-77.65	52	2.7	0.6	217	24	MAR CARIBE
7094	Nov 25 2017	20:50:31.5	6.81	-73.16	139	1.9	0.4	134	23	LOS SANTOS (SANTANDER)
7095	Nov 25 2017	20:56:37.9	6.60	-73.11	170	1.8	0.4	149	16	CURITI (SANTANDER)
7096	Nov 25 2017	21:00:41.9	6.82	-73.16	125	1.3	0.4	133	9	LOS SANTOS (SANTANDER)
7097	Nov 25 2017	21:17:55.3	6.82	-73.19	141	1.1	0.3	146	8	ZAPATOCA (SANTANDER)
7098	Nov 25 2017	21:30:10.8	10.39	-74.85	21	1.9	0.3	186	10	CAMPO DE LA CRUZ (ATLANTICO)
7099	Nov 25 2017	21:45:52.5	6.74	-73.14	130	1.3	0.4	139	9	LOS SANTOS (SANTANDER)
7100	Nov 25 2017	21:58:19.8	6.52	-73.50	103	1.6	0.6	68	20	EL CARMEN (SANTANDER)
7101	Nov 25 2017	23:39: 8.8	3.41	-74.64	16	1.3	0.4	193	10	COLOMBIA (HUILA)
7102	Nov 26 2017	00:10:28.5	4.51	-75.90	146	2.8	0.8	36	83	OBANDO (VALLE)
7103	Nov 26 2017	00:25: 7.6	6.80	-73.17	137	2.0	0.6	64	27	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7104	Nov 26 2017	00:48:35.4	6.82	-73.15	141	2.0	0.6	110	21	LOS SANTOS (SANTANDER)
7105	Nov 26 2017	01:03:27.1	6.86	-73.15	146	1.4	0.2	280	9	LOS SANTOS (SANTANDER)
7106	Nov 26 2017	01:04:55.2	6.78	-73.17	144	1.2	0.1	141	7	LOS SANTOS (SANTANDER)
7107	Nov 26 2017	01:27:31.5	3.25	-74.77	Sup	1.8	0.9	103	22	COLOMBIA (HUILA)
7108	Nov 26 2017	01:47:57.1	6.52	-73.56	105	1.7	0.5	132	16	EL CARMEN (SANTANDER)
7109	Nov 26 2017	01:51:34.1	6.55	-73.54	107	2.3	0.7	76	36	EL CARMEN (SANTANDER)
7110	Nov 26 2017	02:14:22.4	8.41	-77.09	Sup	1.8	0.8	165	8	MAR CARIBE
7111	Nov 26 2017	02:25:44.9	6.86	-73.13	140	2.3	0.7	110	40	LOS SANTOS (SANTANDER)
7112	Nov 26 2017	03:11:48.2	3.87	-71.37	Sup	2.1	0.5	269	13	PUERTO GAITAN (META)
7113	Nov 26 2017	03:29:35.1	6.08	-73.54	125	1.1	0.4	99	9	SAN BENITO (SANTANDER)
7114	Nov 26 2017	03:52: 3.8	6.79	-73.12	138	0.9	0.3	245	7	LOS SANTOS (SANTANDER)
7115	Nov 26 2017	04:13:20.1	6.00	-76.33	Sup	1.2	0.8	208	9	EL CARMEN (CHOCO)
7116	Nov 26 2017	04:19:22.0	6.32	-72.26	Sup	3.0	1.1	99	51	EL COCUY (BOYACA)
7117	Nov 26 2017	05:03:28.4	7.71	-73.26	130	1.3	0.4	181	8	LA ESPERANZA (N.SANTANDER)
7118	Nov 26 2017	05:12:30.7	6.73	-73.15	146	1.4	0.3	241	6	VILLANUEVA (SANTANDER)
7119	Nov 26 2017	05:16:41.3	6.76	-73.15	139	1.4	0.1	112	10	LOS SANTOS (SANTANDER)
7120	Nov 26 2017	05:29:45.9	6.82	-73.18	142	2.0	0.8	180	31	ZAPATOCA (SANTANDER)
7121	Nov 26 2017	06:33:45.2	6.84	-73.13	142	1.4	0.2	280	7	LOS SANTOS (SANTANDER)
7122	Nov 26 2017	06:43:29.4	4.14	-75.91	143	1.2	0.3	135	8	SEVILLA (VALLE)
7123	Nov 26 2017	06:48:44.8	3.72	-73.68	Sup	2.0	1.0	150	20	SAN MARTIN (META)
7124	Nov 26 2017	08:04:23.2	5.29	-73.74	152	2.3	0.8	92	40	LENGUAZAQUE (CUNDINAMARCA)
7125	Nov 26 2017	08:11:44.5	5.39	-74.71	18	1.2	0.2	230	8	LA DORADA (CALDAS)
7126	Nov 26 2017	08:34:42.6	4.43	-76.57	21	1.4	0.7	197	16	SIPI (CHOCO)
7127	Nov 26 2017	08:45:13.9	6.64	-75.90	24	1.1	0.7	133	8	GIRALDO (ANTIOQUIA)
7128	Nov 26 2017	09:07:51.7	6.85	-73.16	142	2.0	0.7	77	34	ZAPATOCA (SANTANDER)
7129	Nov 26 2017	09:34:33.1	10.88	-73.84	18	1.8	0.1	135	10	PUEBLO BELLO (CESAR)
7130	Nov 26 2017	11:43: 7.8	6.81	-73.19	138	2.0	0.7	107	28	ZAPATOCA (SANTANDER)
7131	Nov 26 2017	12:00:50.9	6.78	-73.16	133	2.0	0.5	144	20	LOS SANTOS (SANTANDER)
7132	Nov 26 2017	12:09:57.6	6.85	-73.13	152	3.0	0.8	57	77	LOS SANTOS (SANTANDER)
7133	Nov 26 2017	13:05:29.6	3.41	-76.47	64	1.2	0.2	157	8	CALI (VALLE)
7134	Nov 26 2017	13:41:54.8	8.94	-73.94	Sup	2.1	0.5	93	21	EL PENON (BOLIVAR)
7135	Nov 26 2017	13:45:50.9	4.50	-76.31	120	4.3*	0.9	34	116	EL DOVIO (VALLE)
7136	Nov 26 2017	14:19:53.3	6.83	-73.18	140	1.9	0.6	107	24	ZAPATOCA (SANTANDER)
7137	Nov 26 2017	14:31:20.3	6.83	-76.83	21	1.6	0.6	124	11	MURINDO (ANTIOQUIA)
7138	Nov 26 2017	15:19:52.8	5.86	-73.89	105	1.8	0.6	70	28	LA BELLEZA (SANTANDER)
7139	Nov 26 2017	15:29:36.1	3.48	-74.56	7	1.1	0.2	333	8	COLOMBIA (HUILA)
7140	Nov 26 2017	16:57:24.7	6.79	-73.15	143	1.4	0.3	243	9	LOS SANTOS (SANTANDER)
7141	Nov 26 2017	17:04:47.6	3.86	-76.95	47	1.3	0.1	147	8	BUENAVENTURA (VALLE)
7142	Nov 26 2017	17:36:30.1	6.81	-73.14	137	2.3	0.7	111	39	LOS SANTOS (SANTANDER)
7143	Nov 26 2017	18:03: 2.9	6.49	-76.02	37	1.4	0.3	152	13	CAICEDO (ANTIOQUIA)
7144	Nov 26 2017	18:20:56.5	0.15	-77.52	Sup	2.1	0.8	117	13	FRONTERA CON ECUADOR
7145	Nov 26 2017	18:23:44.9	4.77	-78.19	9	1.6	0.6	306	7	O. PACIFICO CENTRO
7146	Nov 26 2017	18:34:31.3	7.62	-73.28	127	3.5	1.2	52	81	LA ESPERANZA (N.SANTANDER)
7147	Nov 26 2017	19:40:31.1	3.56	-76.32	144	1.9	0.7	81	22	PALMIRA (VALLE)
7148	Nov 26 2017	19:56:51.1	6.82	-73.30	115	1.5	0.5	103	10	ZAPATOCA (SANTANDER)
7149	Nov 26 2017	19:58:52.6	6.80	-73.20	149	1.3	0.2	129	9	ZAPATOCA (SANTANDER)
7150	Nov 26 2017	21:09:10.2	5.70	-72.72	Sup	1.4	0.5	222	8	MONGUA (BOYACA)
7151	Nov 26 2017	21:22: 4.4	6.84	-73.12	146	3.0	0.9	56	60	LOS SANTOS (SANTANDER)
7152	Nov 26 2017	21:35:17.2	6.95	-77.19	9	2.5	0.9	120	29	MURINDO (ANTIOQUIA)
7153	Nov 26 2017	23:05:22.0	5.62	-74.35	81	2.5	0.7	51	44	LA VICTORIA (BOYACA)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7154	Nov 27 2017	00:23:42.2	5.66	-78.27	Sup	2.9	1.6	62	88	O. PACIFICO NORTE
7155	Nov 27 2017	00:39:16.2	6.81	-73.16	140	1.5	0.5	110	21	LOS SANTOS (SANTANDER)
7156	Nov 27 2017	00:49:12.3	6.35	-73.60	108	1.6	0.7	75	23	SANTA HELENA DEL OPON (SANTANDER)
7157	Nov 27 2017	02:00:56.0	8.38	-71.87	Sup	1.6	0.5	150	10	FRONTERA CON VENEZUELA
7158	Nov 27 2017	02:19:49.4	6.96	-73.02	130	1.3	0.3	257	9	PIEDRECUESTA (SANTANDER)
7159	Nov 27 2017	02:35:38.2	6.80	-73.23	135	1.3	0.4	122	14	ZAPATOCA (SANTANDER)
7160	Nov 27 2017	02:39:51.0	6.80	-73.10	146	1.6	0.5	142	18	LOS SANTOS (SANTANDER)
7161	Nov 27 2017	03:09:32.4	7.92	-75.24	16	1.9	0.7	100	28	CAUCASIA (ANTIOQUIA)
7162	Nov 27 2017	03:16: 8.2	6.76	-73.17	131	1.0	0.3	135	10	LOS SANTOS (SANTANDER)
7163	Nov 27 2017	03:23:29.3	6.85	-73.15	143	2.6	0.9	56	73	LOS SANTOS (SANTANDER)
7164	Nov 27 2017	03:25:47.5	6.88	-73.28	119	1.4	0.4	108	14	BETULIA (SANTANDER)
7165	Nov 27 2017	03:37:31.1	12.24	-75.53	32	2.3	0.1	252	14	MAR CARIBE
7166	Nov 27 2017	03:58:20.0	6.92	-76.19	Sup	1.3	0.6	168	16	URAMITA (ANTIOQUIA)
7167	Nov 27 2017	04:03:37.4	3.91	-76.28	112	1.1	0.4	108	13	BUGA (VALLE)
7168	Nov 27 2017	04:21:42.7	5.98	-73.64	114	1.2	0.3	121	9	VELEZ (SANTANDER)
7169	Nov 27 2017	04:22:27.6	6.52	-75.85	27	1.9	0.7	129	29	SANTA FE ANTIOQUIA (ANTIOQUIA)
7170	Nov 27 2017	04:37:27.3	6.91	-76.22	Sup	1.7	0.9	171	19	URAMITA (ANTIOQUIA)
7171	Nov 27 2017	04:44:38.6	4.14	-76.15	136	1.5	0.5	122	21	ANDALUCIA (VALLE)
7172	Nov 27 2017	04:54:46.6	5.72	-74.32	21	1.1	0.8	91	20	OTANCHE (BOYACA)
7173	Nov 27 2017	05:03: 9.0	7.73	-73.37	103	1.4	0.4	113	12	SAN ALBERTO (CESAR)
7174	Nov 27 2017	05:05:42.2	4.74	-76.27	97	2.0	0.9	123	45	EL CAIRO (VALLE)
7175	Nov 27 2017	05:44:30.5	6.80	-73.11	147	1.1	0.4	140	10	LOS SANTOS (SANTANDER)
7176	Nov 27 2017	06:21: 0.7	6.82	-73.15	140	1.3	0.4	182	12	LOS SANTOS (SANTANDER)
7177	Nov 27 2017	06:33:51.7	5.28	-73.72	152	1.9	0.8	56	38	LENGUAZQUE (CUNDINAMARCA)
7178	Nov 27 2017	06:35:55.0	7.05	-74.15	6	1.0	0.2	137	8	YONDO (ANTIOQUIA)
7179	Nov 27 2017	07:11:40.5	7.70	-74.05	23	2.8	0.9	36	76	SANTA ROSA DEL SUR (BOLIVAR)
7180	Nov 27 2017	07:44: 3.9	6.81	-73.15	142	1.1	0.3	182	9	LOS SANTOS (SANTANDER)
7181	Nov 27 2017	09:07:11.4	6.86	-73.14	140	2.2	0.8	65	44	LOS SANTOS (SANTANDER)
7182	Nov 27 2017	09:20:22.1	6.77	-73.13	144	1.5	0.4	202	11	LOS SANTOS (SANTANDER)
7183	Nov 27 2017	09:28:11.9	6.38	-73.67	100	1.6	0.6	81	16	SANTA HELENA DEL OPON (SANTANDER)
7184	Nov 27 2017	11:02:16.3	4.24	-76.82	32	1.5	0.7	215	12	BUENAVENTURA (VALLE)
7185	Nov 27 2017	12:40:31.9	6.80	-73.14	138	1.4	0.4	259	6	LOS SANTOS (SANTANDER)
7186	Nov 27 2017	13:59: 7.8	4.69	-76.11	40	1.3	0.4	124	14	ARGELIA (VALLE)
7187	Nov 27 2017	14:04:20.3	7.69	-73.11	141	1.5	0.2	150	9	CACHIRA (N.SANTANDER)
7188	Nov 27 2017	14:54:26.0	6.81	-73.13	142	1.3	0.4	245	7	LOS SANTOS (SANTANDER)
7189	Nov 27 2017	17:18:57.7	6.39	-73.68	98	2.3	0.7	51	38	SANTA HELENA DEL OPON (SANTANDER)
7190	Nov 27 2017	18:25:30.0	5.24	-73.75	147	1.1	0.1	132	6	CUCUNUBA (CUNDINAMARCA)
7191	Nov 27 2017	18:48:41.8	6.80	-73.12	137	1.2	0.2	140	6	LOS SANTOS (SANTANDER)
7192	Nov 27 2017	19:13: 6.4	4.43	-75.64	12	1.0	0.3	232	8	CORDOBA (QUINDIO)
7193	Nov 27 2017	19:14:40.8	5.61	-76.06	49	2.3	0.9	111	40	BETANIA (ANTIOQUIA)
7194	Nov 27 2017	19:26: 6.4	6.88	-76.20	Sup	1.9	0.6	191	14	URAMITA (ANTIOQUIA)
7195	Nov 27 2017	20:21:13.2	6.79	-73.18	136	1.1	0.1	132	8	LOS SANTOS (SANTANDER)
7196	Nov 27 2017	22:04:17.1	6.38	-73.60	109	1.4	0.3	123	10	SANTA HELENA DEL OPON (SANTANDER)
7197	Nov 27 2017	22:15:54.8	5.11	-72.87	Sup	2.2	0.7	80	36	CHAMEZA (CASANARE)
7198	Nov 27 2017	22:30: 6.8	8.25	-77.45	10	2.7	0.8	99	10	FRONTERA CON PANAMA
7199	Nov 27 2017	22:30:40.7	6.90	-73.13	144	3.4	0.7	58	88	PIEDRECUESTA (SANTANDER)
7200	Nov 27 2017	22:47: 4.1	5.27	-73.73	147	2.5	0.8	54	49	CUCUNUBA (CUNDINAMARCA)
7201	Nov 27 2017	23:12:36.4	6.79	-73.15	145	1.7	0.4	111	12	LOS SANTOS (SANTANDER)
7202	Nov 27 2017	23:42:33.2	6.78	-73.18	145	1.4	0.4	142	9	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7203	Nov 28 2017	00:09:17.8	5.79	-76.72	Sup	1.5	0.8	214	12	QUIBDO (CHOCO)
7204	Nov 28 2017	00:37: 0.8	11.18	-71.87	68	2.9	0.6	164	33	FRONTERA CON VENEZUELA
7205	Nov 28 2017	00:54:28.1	6.84	-73.17	140	2.2	0.9	63	39	ZAPATOCA (SANTANDER)
7206	Nov 28 2017	01:13:59.8	6.80	-73.17	131	1.4	0.4	143	10	LOS SANTOS (SANTANDER)
7207	Nov 28 2017	01:47:45.9	7.38	-73.19	131	1.0	0.3	218	7	EL PLAYON (SANTANDER)
7208	Nov 28 2017	02:35:37.9	6.76	-73.15	149	0.9	0.2	138	7	LOS SANTOS (SANTANDER)
7209	Nov 28 2017	02:53:50.7	6.76	-73.14	137	1.6	0.5	114	13	LOS SANTOS (SANTANDER)
7210	Nov 28 2017	03:18: 0.3	2.25	-75.65	Sup	1.3	0.5	98	11	GARZON (HUILA)
7211	Nov 28 2017	03:20:38.7	6.84	-76.15	Sup	2.0	0.7	155	17	URAMITA (ANTIOQUIA)
7212	Nov 28 2017	04:00:45.0	6.91	-73.13	144	1.6	0.3	259	9	PIEDECUESTA (SANTANDER)
7213	Nov 28 2017	04:12:55.1	6.81	-73.17	138	1.9	0.5	63	29	ZAPATOCA (SANTANDER)
7214	Nov 28 2017	04:43:12.3	6.79	-73.13	136	1.6	0.5	113	13	LOS SANTOS (SANTANDER)
7215	Nov 28 2017	04:58:50.5	6.83	-73.16	138	2.3	0.7	109	27	LOS SANTOS (SANTANDER)
7216	Nov 28 2017	05:13:53.2	7.29	-76.18	Sup	1.0	0.4	228	8	MUTATA (ANTIOQUIA)
7217	Nov 28 2017	05:16:36.2	2.04	-75.81	Sup	1.0	0.6	117	11	ALTAMIRA (HUILA)
7218	Nov 28 2017	05:28:58.1	6.83	-76.30	10	1.0	0.5	224	9	URAMITA (ANTIOQUIA)
7219	Nov 28 2017	06:23:52.9	2.71	-75.03	6	1.8	0.4	107	17	RIVERA (HUILA)
7220	Nov 28 2017	06:56: 5.1	6.84	-73.18	143	1.0	0.3	147	7	ZAPATOCA (SANTANDER)
7221	Nov 28 2017	07:11:49.8	6.78	-73.17	147	1.3	0.5	134	12	LOS SANTOS (SANTANDER)
7222	Nov 28 2017	07:42:21.0	6.08	-73.74	106	0.9	0.3	112	7	EL PENON (SANTANDER)
7223	Nov 28 2017	07:50: 6.5	6.87	-73.34	114	2.1	0.7	53	45	SAN VICENTE DE CHUCURI (SANTANDER)
7224	Nov 28 2017	08:07: 8.7	7.40	-73.20	126	1.6	0.6	105	16	EL PLAYON (SANTANDER)
7225	Nov 28 2017	08:10:15.6	6.78	-73.14	145	1.7	0.4	72	19	LOS SANTOS (SANTANDER)
7226	Nov 28 2017	08:34: 8.6	7.08	-77.30	16	1.8	0.4	143	8	RIOSUCIO (CHOCO)
7227	Nov 28 2017	08:55:28.3	3.00	-77.99	Sup	1.6	0.5	171	11	O. PACIFICO SUR
7228	Nov 28 2017	08:56:25.3	6.80	-73.15	138	2.0	0.8	71	26	LOS SANTOS (SANTANDER)
7229	Nov 28 2017	09:24:49.4	6.65	-75.80	17	1.7	0.5	117	17	LIBORINA (ANTIOQUIA)
7230	Nov 28 2017	10:00:23.7	6.79	-73.13	136	1.4	0.5	138	18	LOS SANTOS (SANTANDER)
7231	Nov 28 2017	10:28:23.8	6.82	-73.13	144	2.3	0.8	56	46	LOS SANTOS (SANTANDER)
7232	Nov 28 2017	10:32:35.4	6.57	-73.53	105	2.0	0.6	56	39	EL CARMEN (SANTANDER)
7233	Nov 28 2017	11:09:22.7	6.81	-73.17	137	1.6	0.3	133	13	LOS SANTOS (SANTANDER)
7234	Nov 28 2017	12:31:33.0	7.65	-73.21	129	1.6	0.2	217	9	LA ESPERANZA (N.SANTANDER)
7235	Nov 28 2017	12:34:24.7	6.82	-73.16	139	1.4	0.3	133	11	LOS SANTOS (SANTANDER)
7236	Nov 28 2017	14:04:10.5	5.25	-77.53	30	2.0	1.0	222	28	O. PACIFICO CENTRO
7237	Nov 28 2017	14:41:37.1	6.78	-73.19	140	1.3	0.3	142	8	ZAPATOCA (SANTANDER)
7238	Nov 28 2017	17:23:17.9	5.26	-73.77	150	1.6	0.5	91	18	CUCUNUBA (CUNDINAMARCA)
7239	Nov 28 2017	17:25:56.6	6.89	-76.36	17	1.7	0.3	243	10	DABEIBA (ANTIOQUIA)
7240	Nov 28 2017	18:13:36.5	11.52	-74.20	12	1.7	0.1	260	8	MAR CARIBE
7241	Nov 28 2017	18:51:56.2	6.54	-73.55	96	1.0	0.1	138	8	EL CARMEN (SANTANDER)
7242	Nov 28 2017	19:35:44.7	6.69	-73.98	10	1.5	0.6	111	16	PUERTO PARRA (SANTANDER)
7243	<u>Nov 28 2017</u>	<u>19:55: 2.2</u>	<u>6.81</u>	<u>-73.15</u>	<u>142</u>	<u>4.0*</u>	<u>0.9</u>	<u>55</u>	<u>95</u>	<u>LOS SANTOS (SANTANDER)</u>
7244	Nov 28 2017	21:36:56.6	6.76	-73.12	147	1.4	0.3	140	9	LOS SANTOS (SANTANDER)
7245	Nov 28 2017	22:04: 0.3	6.80	-73.16	140	1.7	0.5	134	14	LOS SANTOS (SANTANDER)
7246	Nov 28 2017	22:14:42.5	6.79	-73.18	138	1.1	0.2	132	7	ZAPATOCA (SANTANDER)
7247	Nov 28 2017	22:34: 3.7	6.76	-73.17	150	1.4	0.3	135	12	LOS SANTOS (SANTANDER)
7248	Nov 28 2017	23:14:50.5	6.82	-73.16	135	2.2	0.7	64	40	LOS SANTOS (SANTANDER)
7249	Nov 29 2017	01:12:14.3	6.81	-73.16	141	1.8	0.5	109	28	LOS SANTOS (SANTANDER)
7250	Nov 29 2017	01:17:26.0	6.78	-73.13	139	1.8	0.5	114	24	LOS SANTOS (SANTANDER)
7251	Nov 29 2017	01:45:43.6	4.64	-76.15	86	2.3	0.8	49	57	VERSALLES (VALLE)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7252	Nov 29 2017	02:09:17.2	5.16	-74.77	Sup	1.5	0.7	60	26	HONDA (TOLIMA)
7253	Nov 29 2017	02:41:34.9	6.68	-73.20	140	1.2	0.2	262	8	VILLANUEVA (SANTANDER)
7254	Nov 29 2017	03:09:49.3	6.84	-73.20	136	1.0	0.1	149	7	ZAPATOCA (SANTANDER)
7255	Nov 29 2017	03:24:35.7	7.10	-73.27	114	1.3	0.6	173	18	LEBRIJA (SANTANDER)
7256	Nov 29 2017	03:36:58.6	1.79	-74.28	Sup	2.1	0.8	143	29	SAN VICENTE DEL CAGUAN (CAQUETA)
7257	Nov 29 2017	04:11:28.5	6.79	-73.20	137	1.5	0.4	177	13	ZAPATOCA (SANTANDER)
7258	Nov 29 2017	04:33:59.3	5.84	-77.69	30	2.0	0.9	137	27	O. PACIFICO NORTE
7259	Nov 29 2017	04:38:49.9	5.36	-73.74	149	1.1	0.3	192	9	FUQUENE (CUNDINAMARCA)
7260	Nov 29 2017	04:40: 6.3	6.76	-73.33	111	1.0	0.2	239	7	ZAPATOCA (SANTANDER)
7261	Nov 29 2017	04:43:45.1	6.78	-73.15	137	1.6	0.5	157	24	LOS SANTOS (SANTANDER)
7262	Nov 29 2017	04:53:26.6	6.81	-73.16	142	1.4	0.5	110	17	LOS SANTOS (SANTANDER)
7263	Nov 29 2017	05:22:27.5	6.39	-76.43	Sup	1.0	0.3	238	8	URRAO (ANTIOQUIA)
7264	Nov 29 2017	05:26:46.8	5.66	-74.02	104	0.8	0.3	176	8	PAUNA (BOYACA)
7265	Nov 29 2017	05:31:36.0	3.24	-78.85	13	2.7	1.2	122	44	O. PACIFICO SUR
7266	Nov 29 2017	05:34:42.0	6.82	-73.15	143	1.4	0.3	220	14	LOS SANTOS (SANTANDER)
7267	Nov 29 2017	06:14:22.5	2.74	-74.51	Sup	1.1	0.7	153	13	URIBE (META)
7268	Nov 29 2017	06:19:58.9	2.84	-74.88	Sup	1.6	0.7	88	20	TELLO (HUILA)
7269	Nov 29 2017	06:26: 8.4	6.82	-73.13	142	2.5	0.9	56	57	LOS SANTOS (SANTANDER)
7270	Nov 29 2017	06:36:59.0	6.84	-73.16	142	2.3	0.8	63	37	ZAPATOCA (SANTANDER)
7271	Nov 29 2017	07:16:41.3	6.59	-73.44	113	2.2	0.7	45	49	EL CARMEN (SANTANDER)
7272	Nov 29 2017	07:20:56.9	10.96	-73.41	56	1.8	0.3	138	15	PUEBLO BELLO (CESAR)
7273	Nov 29 2017	07:26:35.0	6.19	-73.67	100	1.5	0.5	66	19	LA PAZ (SANTANDER)
7274	Nov 29 2017	08:19:54.2	5.76	-75.97	51	0.9	0.2	138	8	BETANIA (ANTIOQUIA)
7275	Nov 29 2017	08:32:11.8	6.77	-73.17	131	1.2	0.4	241	10	LOS SANTOS (SANTANDER)
7276	Nov 29 2017	08:35:58.2	6.78	-73.11	133	1.3	0.4	142	12	LOS SANTOS (SANTANDER)
7277	Nov 29 2017	09:16:15.6	11.13	-73.64	Sup	1.4	0.4	185	8	PUEBLO BELLO (CESAR)
7278	Nov 29 2017	09:20: 2.4	6.82	-73.17	138	1.9	0.4	63	32	ZAPATOCA (SANTANDER)
7279	Nov 29 2017	10:18: 2.1	-0.01	-77.30	Sup	2.9	0.9	179	31	FRONTERA CON ECUADOR
7280	Nov 29 2017	10:57:48.2	6.74	-73.16	135	1.6	0.4	151	8	LOS SANTOS (SANTANDER)
7281	Nov 29 2017	12:01:55.8	3.55	-71.54	9	2.1	0.6	301	9	MAPIRIPAN (META)
7282	Nov 29 2017	12:58:49.4	6.81	-73.16	144	3.4	1.1	55	90	LOS SANTOS (SANTANDER)
7283	Nov 29 2017	13:10:39.8	7.19	-75.67	16	1.5	0.1	134	8	ITUANGO (ANTIOQUIA)
7284	Nov 29 2017	13:19:22.0	4.33	-75.42	8	1.2	0.5	187	10	CAJAMARCA (TOLIMA)
7285	Nov 29 2017	13:23:12.1	6.08	-73.58	120	1.4	0.4	101	13	CHIPATA (SANTANDER)
7286	Nov 29 2017	15:47:59.1	5.80	-73.90	105	1.4	0.4	121	12	ALBANIA (SANTANDER)
7287	Nov 29 2017	16:27:51.5	6.79	-73.14	143	1.3	0.2	140	7	LOS SANTOS (SANTANDER)
7288	Nov 29 2017	16:42: 1.5	6.81	-73.17	143	1.8	0.2	145	10	ZAPATOCA (SANTANDER)
7289	Nov 29 2017	17:27:56.1	6.85	-71.90	13	2.4	0.9	211	23	SARAVENA (ARAUCA)
7290	Nov 29 2017	17:30:28.0	6.83	-73.28	126	1.3	0.1	116	9	ZAPATOCA (SANTANDER)
7291	Nov 29 2017	17:48: 4.3	2.07	-75.78	Sup	1.4	0.5	110	14	ALTAMIRA (HUILA)
7292	Nov 29 2017	18:09:35.6	11.06	-72.34	Sup	2.7	0.3	186	10	FRONTERA CON VENEZUELA
7293	Nov 29 2017	18:09:46.7	6.81	-73.10	147	1.8	0.5	247	18	LOS SANTOS (SANTANDER)
7294	Nov 29 2017	18:50:58.9	4.59	-76.56	87	1.5	0.3	243	12	SIPI (CHOCO)
7295	Nov 29 2017	20:02:44.7	6.99	-77.89	9	2.4	0.1	300	6	O. PACIFICO NORTE
<u>7296</u>	<u>Nov 29 2017</u>	<u>20:08:53.6</u>	<u>7.40</u>	<u>-75.32</u>	<u>9</u>	<u>4.1*</u>	<u>0.7</u>	<u>42</u>	<u>109</u>	<u>CACERES (ANTIOQUIA)</u>
7297	Nov 29 2017	21:35:43.7	7.34	-75.31	Sup	1.6	0.2	141	7	VALDIVIA (ANTIOQUIA)
7298	Nov 29 2017	21:48:19.0	7.37	-75.28	Sup	1.6	0.6	107	11	CACERES (ANTIOQUIA)
7299	Nov 29 2017	22:13:20.8	6.79	-76.19	Sup	1.5	0.6	187	16	FRONTINO (ANTIOQUIA)
7300	Nov 29 2017	22:20: 9.2	6.81	-73.17	142	1.4	0.3	144	7	LOS SANTOS (SANTANDER)
7301	Nov 29 2017	22:38:55.0	6.83	-73.17	146	1.4	0.3	146	11	ZAPATOCA (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7302	Nov 29 2017	22:59:59.2	11.33	-72.87	63	1.7	0.7	205	11	MANAURE BALCON CESAR (CESAR)
7303	Nov 29 2017	23:30:58.6	7.54	-72.73	Sup	2.0	0.9	82	26	CUCUTILLA (N.SANTANDER)
7304	Nov 29 2017	23:39:33.3	7.54	-72.71	Sup	2.1	1.1	83	23	CUCUTILLA (N.SANTANDER)
7305	Nov 30 2017	00:17:36.8	8.69	-73.23	118	2.2	0.6	136	38	EL TARRA (N.SANTANDER)
7306	Nov 30 2017	00:58:11.7	2.32	-75.43	20	1.3	0.5	100	14	GIGANTE (HUILA)
7307	Nov 30 2017	01:09:35.2	6.82	-73.16	141	2.0	0.8	100	37	LOS SANTOS (SANTANDER)
7308	Nov 30 2017	01:11:39.0	11.06	-73.60	22	1.6	0.8	174	12	PUEBLO BELLO (CESAR)
7309	Nov 30 2017	01:18:28.3	4.59	-75.11	Sup	2.4	0.9	44	51	ANZOATEGUI (TOLIMA)
7310	Nov 30 2017	01:54:29.9	6.81	-73.09	140	2.1	0.7	103	38	LOS SANTOS (SANTANDER)
7311	Nov 30 2017	02:17:10.7	6.79	-73.25	132	1.1	0.2	226	8	ZAPATOCA (SANTANDER)
7312	Nov 30 2017	02:23:50.8	6.82	-73.11	142	1.7	0.4	139	22	LOS SANTOS (SANTANDER)
7313	Nov 30 2017	02:44:31.5	6.81	-73.11	136	1.8	0.6	114	26	LOS SANTOS (SANTANDER)
7314	Nov 30 2017	02:45:46.6	6.88	-73.12	142	1.5	0.4	134	13	PIEDRECUESTA (SANTANDER)
7315	Nov 30 2017	02:57:27.3	5.74	-73.92	106	0.9	0.3	157	8	ALBANIA (SANTANDER)
7316	Nov 30 2017	03:03:14.4	4.70	-76.74	53	1.4	0.3	215	15	SIPI (CHOCO)
7317	Nov 30 2017	04:13: 8.7	5.10	-72.88	Sup	1.5	0.8	81	18	CHAMEZA (CASANARE)
7318	Nov 30 2017	04:28:50.8	5.25	-73.73	147	2.0	0.5	86	22	CUCUNUBA (CUNDINAMARCA)
7319	Nov 30 2017	04:29: 7.1	7.42	-75.26	19	2.4	0.9	43	52	CACERES (ANTIOQUIA)
7320	Nov 30 2017	04:33:22.6	6.80	-73.19	140	1.0	0.3	144	8	ZAPATOCA (SANTANDER)
7321	Nov 30 2017	04:55:20.7	4.02	-76.63	61	1.5	0.5	200	15	CALIMA (VALLE)
7322	Nov 30 2017	05:12:33.0	2.89	-74.96	Sup	1.5	0.5	221	10	TELLO (HUILA)
7323	Nov 30 2017	05:16:26.8	6.82	-73.16	141	1.5	0.3	110	14	LOS SANTOS (SANTANDER)
7324	Nov 30 2017	05:27:47.1	1.87	-76.00	Sup	0.7	0.3	170	11	PITALITO (HUILA)
7325	Nov 30 2017	06:25:20.0	5.40	-74.39	Sup	1.3	0.5	144	14	LA PALMA (CUNDINAMARCA)
7326	Nov 30 2017	06:26:46.8	2.95	-79.31	32	3.4	0.8	229	81	O. PACIFICO SUR
7327	Nov 30 2017	07:03: 9.3	6.97	-72.13	Sup	1.1	0.5	191	10	CUBARA (BOYACA)
7328	Nov 30 2017	07:13:57.8	6.81	-73.13	144	1.5	0.6	134	14	LOS SANTOS (SANTANDER)
7329	Nov 30 2017	07:16:33.1	6.85	-73.13	143	2.6	0.9	56	60	LOS SANTOS (SANTANDER)
7330	Nov 30 2017	07:48:49.5	2.96	-79.30	48	1.7	0.4	253	20	O. PACIFICO SUR
7331	Nov 30 2017	07:56:18.4	3.15	-79.13	35	1.5	0.9	312	11	O. PACIFICO SUR
7332	Nov 30 2017	08:35:25.2	3.87	-76.26	119	1.1	0.1	126	10	BUGA (VALLE)
7333	Nov 30 2017	08:46:30.2	7.84	-77.50	Sup	2.3	1.0	96	22	FRONTERA CON PANAMA
7334	Nov 30 2017	08:55:12.6	2.37	-75.57	Sup	0.9	0.4	129	14	GIGANTE (HUILA)
7335	Nov 30 2017	09:18:48.7	6.17	-73.86	104	0.7	0.3	117	6	LANDAZURI (SANTANDER)
7336	Nov 30 2017	09:22:18.7	6.80	-73.16	142	1.8	0.6	64	30	LOS SANTOS (SANTANDER)
7337	Nov 30 2017	10:33:58.3	0.17	-77.49	Sup	2.4	0.9	161	21	FRONTERA CON ECUADOR
7338	Nov 30 2017	10:36:49.3	6.78	-73.13	152	1.2	0.1	139	6	LOS SANTOS (SANTANDER)
7339	Nov 30 2017	10:50:15.1	6.08	-73.54	126	1.8	0.6	79	16	SAN BENITO (SANTANDER)
7340	Nov 30 2017	10:57:26.6	3.13	-79.31	56	2.0	0.3	300	12	O. PACIFICO SUR
7341	Nov 30 2017	11:02:33.9	4.81	-76.10	70	1.3	0.3	125	9	ARGELIA (VALLE)
7342	Nov 30 2017	11:59:47.0	6.79	-73.18	146	1.7	0.4	109	18	LOS SANTOS (SANTANDER)
7343	Nov 30 2017	12:08:23.8	6.79	-73.16	144	2.5	0.6	64	47	LOS SANTOS (SANTANDER)
7344	Nov 30 2017	12:46:35.5	6.78	-73.14	146	1.9	0.5	113	25	LOS SANTOS (SANTANDER)
7345	Nov 30 2017	13:47: 6.7	8.56	-73.25	135	2.0	0.5	156	22	CONVENCION (N.SANTANDER)
7346	Nov 30 2017	13:51:20.4	6.78	-73.15	142	1.6	0.3	111	16	LOS SANTOS (SANTANDER)
7347	Nov 30 2017	14:08:20.0	3.01	-79.29	56	2.2	0.2	299	18	O. PACIFICO SUR
7348	Nov 30 2017	15:04:10.8	6.75	-73.20	136	1.3	0.1	141	7	ZAPATOCA (SANTANDER)
7349	Nov 30 2017	15:05: 2.9	6.82	-73.15	146	1.9	0.4	110	21	LOS SANTOS (SANTANDER)
7350	Nov 30 2017	15:05:39.5	1.96	-75.90	26	1.1	0.2	138	10	TIMANA (HUILA)
7351	Nov 30 2017	15:20:36.0	10.21	-73.25	112	2.1	0.3	157	11	SAN DIEGO (CESAR)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7352	Nov 30 2017	18:05:49.2	10.19	-72.91	6	2.5	0.3	161	20	MANAURE BALCON CESAR (CESAR)
7353	Nov 30 2017	18:18:50.9	2.84	-78.01	Sup	1.4	0.5	180	10	O. PACIFICO SUR
7354	Nov 30 2017	19:46:40.4	6.78	-73.17	142	2.1	0.5	109	28	LOS SANTOS (SANTANDER)
7355	Nov 30 2017	20:18:35.7	6.93	-76.60	Sup	1.7	0.8	211	15	MURINDO (ANTIOQUIA)
7356	Nov 30 2017	20:36: 3.9	5.30	-75.54	Sup	1.3	0.4	199	7	FILADELFIA (CALDAS)
7357	Nov 30 2017	20:42:55.3	3.90	-76.77	96	1.9	0.6	105	28	DAGUA (VALLE)
7358	Nov 30 2017	20:51:57.6	3.61	-77.29	Sup	1.6	0.4	200	9	O. PACIFICO SUR
7359	Nov 30 2017	21:05:29.6	6.84	-73.14	142	2.3	0.9	56	43	LOS SANTOS (SANTANDER)
7360	Nov 30 2017	21:50: 8.2	2.98	-79.23	16	2.1	0.8	284	17	O. PACIFICO SUR
7361	Nov 30 2017	22:07:34.0	5.72	-75.85	38	1.9	0.6	104	18	PUEBLORRICO (ANTIOQUIA)
7362	Nov 30 2017	22:19:54.8	7.62	-74.29	30	1.7	0.4	184	13	SAN PABLO (BOLIVAR)
7363	Nov 30 2017	23:12:25.6	3.87	-71.36	Sup	2.7	0.6	289	24	PUERTO GAITAN (META)
7364	Nov 30 2017	23:58: 3.7	6.77	-73.10	141	1.3	0.4	143	12	LOS SANTOS (SANTANDER)
7365	Dic 1 2017	00:58:26.2	6.83	-73.18	144	1.3	0.3	277	8	ZAPATOCA (SANTANDER)
7366	Dic 1 2017	01:08:37.7	5.21	-74.80	16	1.0	0.6	73	15	HONDA (TOLIMA)
7367	Dic 1 2017	01:11:14.1	6.32	-73.61	104	1.2	0.3	105	11	SANTA HELENA DEL OPO (SANTANDER)
7368	Dic 1 2017	01:32:14.5	11.05	-73.32	Sup	1.5	0.2	246	8	LA PAZ (CESAR)
7369	Dic 1 2017	01:40:48.9	6.76	-73.13	136	1.4	0.4	139	14	LOS SANTOS (SANTANDER)
7370	Dic 1 2017	02:07: 3.3	6.81	-73.14	139	1.3	0.4	136	12	LOS SANTOS (SANTANDER)
7371	Dic 1 2017	02:22:32.8	5.22	-73.73	145	1.1	0.5	135	12	CUCUNUBA (CUNDINAMARCA)
7372	Dic 1 2017	02:30:59.9	1.87	-76.00	Sup	1.2	0.6	186	17	PITALITO (HUILA)
7373	Dic 1 2017	02:59:44.2	2.09	-75.74	21	1.2	0.4	103	12	ALTAMIRA (HUILA)
7374	Dic 1 2017	03:00:21.2	6.82	-76.22	Sup	1.6	0.6	174	18	URAMITA (ANTIOQUIA)
7375	Dic 1 2017	03:15:48.0	8.40	-75.45	Sup	1.4	0.4	261	8	PUEBLO NUEVO (CORDOBA)
7376	Dic 1 2017	03:51: 1.6	6.83	-73.29	117	0.8	0.3	117	10	ZAPATOCA (SANTANDER)
7377	Dic 1 2017	03:57:29.2	5.60	-74.15	94	1.6	0.6	60	27	OTANCHE (BOYACA)
7378	Dic 1 2017	04:10:35.3	6.77	-73.07	148	1.2	0.2	280	8	LOS SANTOS (SANTANDER)
7379	Dic 1 2017	04:33:12.3	6.70	-74.39	21	1.3	0.9	209	12	PUERTO BERRIO (ANTIOQUIA)
7380	Dic 1 2017	04:39: 6.7	9.77	-73.14	128	1.7	0.6	156	20	BECERRIL (CESAR)
7381	Dic 1 2017	04:58:20.1	2.49	-75.41	9	1.3	0.3	171	16	HOBO (HUILA)
7382	Dic 1 2017	05:03:18.8	6.69	-74.39	13	1.8	0.9	99	30	PUERTO BERRIO (ANTIOQUIA)
7383	Dic 1 2017	05:45: 3.4	2.32	-75.71	10	0.9	0.1	211	8	AGRADO (HUILA)
7384	Dic 1 2017	06:00:36.3	6.51	-73.54	20	0.8	0.6	134	8	EL CARMEN (SANTANDER)
7385	Dic 1 2017	06:06:17.7	1.00	-79.50	Sup	2.1	1.0	227	31	FRONTERA CON ECUADOR
7386	Dic 1 2017	06:11:57.1	11.08	-74.21	Sup	1.1	0.3	131	7	PIVIJAY (MAGDALENA)
7387	Dic 1 2017	06:23:58.5	6.79	-73.18	139	1.1	0.3	132	10	LOS SANTOS (SANTANDER)
7388	Dic 1 2017	06:32:39.9	6.80	-73.13	133	1.8	0.6	113	30	LOS SANTOS (SANTANDER)
7389	Dic 1 2017	06:42:23.6	6.80	-73.17	136	1.7	0.7	133	28	LOS SANTOS (SANTANDER)
7390	Dic 1 2017	07:10:17.4	5.27	-73.72	150	1.7	0.7	56	33	LENGUAZQUE (CUNDINAMARCA)
7391	Dic 1 2017	07:34:10.1	3.68	-76.99	Sup	1.9	0.9	124	27	BUENAVENTURA (VALLE)
7392	Dic 1 2017	07:45:25.5	5.67	-74.02	110	1.1	0.3	172	8	SAN PABLO DE BORBUR (BOYACA)
7393	Dic 1 2017	07:55:28.9	6.33	-73.58	111	1.1	0.2	134	7	SANTA HELENA DEL OPO (SANTANDER)
7394	Dic 1 2017	08:27: 8.1	6.65	-74.19	42	1.3	0.4	132	10	PUERTO PARRA (SANTANDER)
7395	Dic 1 2017	09:24:48.8	6.83	-73.15	147	3.1	0.8	56	84	LOS SANTOS (SANTANDER)
7396	Dic 1 2017	09:28:48.8	7.35	-77.21	22	2.2	0.7	83	23	RIOSUCIO (CHOCO)
7397	Dic 1 2017	09:53:13.9	4.96	-78.26	22	2.2	0.8	267	26	O. PACIFICO CENTRO
7398	Dic 1 2017	10:06:16.6	6.80	-73.16	148	0.9	0.4	134	8	LOS SANTOS (SANTANDER)
7399	Dic 1 2017	10:35:35.9	6.79	-76.72	9	1.9	0.8	123	17	MURINDO (ANTIOQUIA)
7400	Dic 1 2017	10:38:15.9	6.77	-73.15	140	1.4	0.3	137	10	LOS SANTOS (SANTANDER)
7401	Dic 1 2017	10:44:59.6	6.80	-73.15	143	1.4	0.4	134	10	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7402	Dic 1 2017	12:00:36.0	6.78	-73.14	148	1.5	0.4	138	7	LOS SANTOS (SANTANDER)
7403	Dic 1 2017	12:56:48.6	6.81	-73.19	141	1.5	0.4	145	9	ZAPATOCA (SANTANDER)
7404	Dic 1 2017	13:52:18.2	6.82	-73.19	139	1.5	0.4	130	10	ZAPATOCA (SANTANDER)
7405	Dic 1 2017	14:44:19.3	6.79	-73.19	144	1.5	0.1	144	8	ZAPATOCA (SANTANDER)
7406	Dic 1 2017	14:47:45.6	6.79	-73.18	139	1.2	0.2	143	8	ZAPATOCA (SANTANDER)
7407	Dic 1 2017	15:25:30.0	6.83	-73.12	139	2.8	0.9	56	42	LOS SANTOS (SANTANDER)
7408	Dic 1 2017	15:30: 6.5	1.89	-76.46	Sup	0.4	0.6	219	8	SAN AGUSTIN (HUILA)
7409	Dic 1 2017	16:17:34.7	6.83	-73.16	145	1.8	0.4	244	12	LOS SANTOS (SANTANDER)
7410	Dic 1 2017	17:21:58.2	5.26	-73.75	146	1.3	0.4	131	10	CUCUNUBA (CUNDINAMARCA)
7411	Dic 1 2017	17:43: 6.6	8.98	-77.78	30	2.8	0.9	201	19	FRONTERA CON PANAMA
7412	Dic 1 2017	18:22:25.5	2.21	-78.26	61	2.5	0.7	138	28	OLAYA HERRERA (NARINO)
7413	Dic 1 2017	19:32:24.1	4.73	-74.76	6	2.5	0.9	67	49	AMBALEMA (TOLIMA)
7414	Dic 1 2017	19:40:27.0	3.69	-74.42	Sup	1.3	0.4	199	13	VILLARRICA (TOLIMA)
7415	Dic 1 2017	19:58:48.5	9.55	-75.38	15	2.1	0.4	156	12	COLOSO (SUCRE)
7416	Dic 1 2017	20:13:34.9	6.77	-73.14	140	1.9	0.4	137	15	LOS SANTOS (SANTANDER)
7417	Dic 1 2017	20:15:21.3	6.79	-73.16	148	1.6	0.4	135	13	LOS SANTOS (SANTANDER)
7418	Dic 1 2017	20:38:31.0	3.72	-76.83	99	1.9	0.3	138	8	DAGUA (VALLE)
7419	Dic 1 2017	20:39:45.9	3.27	-74.81	Sup	2.1	0.8	153	43	COLOMBIA (HUILA)
7420	Dic 1 2017	21:59:42.8	6.78	-73.15	142	1.9	0.5	137	16	LOS SANTOS (SANTANDER)
7421	Dic 1 2017	23:32:36.1	6.78	-73.15	146	1.8	0.4	137	17	LOS SANTOS (SANTANDER)
7422	Dic 2 2017	00:17:55.1	7.30	-74.74	37	1.6	0.4	140	10	ZARAGOZA (ANTIOQUIA)
7423	Dic 2 2017	00:22:35.3	10.42	-73.71	65	1.9	0.4	246	8	PUEBLO BELLO (CESAR)
7424	Dic 2 2017	00:31: 1.3	4.38	-76.13	84	1.2	0.4	136	12	ROLDANILLO (VALLE)
7425	Dic 2 2017	01:51:12.7	4.77	-74.68	Sup	1.1	0.5	156	12	BELTRAN (CUNDINAMARCA)
7426	Dic 2 2017	01:52: 7.5	6.83	-73.14	152	1.3	0.3	279	7	LOS SANTOS (SANTANDER)
7427	Dic 2 2017	02:49:33.9	6.83	-76.34	Sup	1.1	0.3	236	8	DABEIBA (ANTIOQUIA)
7428	Dic 2 2017	02:58:16.0	6.86	-76.28	Sup	1.6	0.6	223	16	URAMITA (ANTIOQUIA)
7429	Dic 2 2017	03:12:25.2	6.80	-73.15	133	1.6	0.4	135	16	LOS SANTOS (SANTANDER)
7430	Dic 2 2017	03:18:57.3	9.61	-75.12	22	2.1	0.7	102	31	EL CARMEN DE BOLIVAR (BOLIVAR)
7431	Dic 2 2017	03:39:20.4	6.55	-73.55	103	1.9	0.6	56	32	EL CARMEN (SANTANDER)
7432	Dic 2 2017	04:03: 8.9	6.79	-73.20	138	1.1	0.3	144	9	ZAPATOCA (SANTANDER)
7433	Dic 2 2017	04:34:11.3	6.81	-73.17	143	1.5	0.5	132	19	ZAPATOCA (SANTANDER)
7434	Dic 2 2017	05:05:38.8	8.48	-75.58	Sup	1.9	0.9	100	30	PLANETA RICA (CORDOBA)
7435	Dic 2 2017	05:31:29.9	6.47	-73.53	106	1.4	0.3	94	10	SANTA HELENA DEL OPOON (SANTANDER)
7436	Dic 2 2017	05:51:51.6	7.06	-77.98	26	2.3	0.5	130	14	O. PACIFICO NORTE
7437	Dic 2 2017	06:25:34.7	6.81	-73.16	146	2.0	0.7	64	36	LOS SANTOS (SANTANDER)
7438	Dic 2 2017	07:02:55.5	5.62	-74.05	107	1.1	0.4	168	12	SAN PABLO DE BORBUR (BOYACA)
7439	Dic 2 2017	07:10:34.1	5.50	-73.88	112	0.8	0.3	122	10	SIMIJACA (CUNDINAMARCA)
7440	Dic 2 2017	07:24:46.7	6.83	-73.15	123	1.3	0.3	134	11	LOS SANTOS (SANTANDER)
7441	Dic 2 2017	07:28:17.6	6.54	-73.50	107	2.3	0.8	42	56	EL CARMEN (SANTANDER)
7442	Dic 2 2017	08:30:36.3	6.82	-73.15	137	1.7	0.5	133	18	LOS SANTOS (SANTANDER)
7443	Dic 2 2017	09:04:15.6	10.64	-75.02	66	1.4	0.4	225	8	MANATI (ATLANTICO)
7444	Dic 2 2017	09:10:16.0	5.82	-72.70	Sup	1.1	0.9	174	9	GAMEZA (BOYACA)
7445	Dic 2 2017	09:24:29.7	4.85	-76.24	106	1.1	0.4	124	12	EL CAIRO (VALLE)
7446	Dic 2 2017	09:38:20.3	7.63	-73.49	109	1.3	0.4	112	12	SAN ALBERTO (CESAR)
7447	Dic 2 2017	09:48:35.4	6.80	-72.99	173	1.7	0.5	157	20	CEPITA (SANTANDER)
7448	Dic 2 2017	10:09:28.8	6.82	-73.18	138	1.3	0.5	130	10	ZAPATOCA (SANTANDER)
7449	Dic 2 2017	10:27: 1.4	3.94	-76.22	103	1.9	0.6	144	18	SAN PEDRO (VALLE)
7450	Dic 2 2017	10:45:19.5	5.66	-74.01	111	1.5	0.6	70	19	PAUNA (BOYACA)
7451	Dic 2 2017	10:59:19.5	6.80	-73.14	139	1.2	0.4	137	9	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7452	Dic 2 2017	11:03:23.0	6.78	-73.16	142	1.3	0.3	136	10	LOS SANTOS (SANTANDER)
7453	Dic 2 2017	11:32:49.7	6.78	-73.12	144	1.1	0.4	140	8	LOS SANTOS (SANTANDER)
7454	Dic 2 2017	11:41:55.0	6.80	-73.14	141	1.7	0.6	136	16	LOS SANTOS (SANTANDER)
7455	Dic 2 2017	11:44:17.3	6.84	-73.15	145	2.7	0.7	62	45	LOS SANTOS (SANTANDER)
7456	Dic 2 2017	11:50:41.5	6.79	-73.19	142	1.5	0.5	144	11	ZAPATOCA (SANTANDER)
7457	Dic 2 2017	15:02:59.6	6.85	-71.90	10	1.6	0.3	223	9	SARAVENA (ARAUCA)
7458	Dic 2 2017	16:52: 6.2	6.86	-74.42	50	1.7	0.6	109	14	REMEDIOS (ANTIOQUIA)
7459	Dic 2 2017	17:04:24.7	10.83	-73.33	77	1.6	0.3	126	9	LA PAZ (CESAR)
7460	Dic 2 2017	17:30:52.3	5.88	-73.92	103	1.5	0.3	82	12	LA BELLEZA (SANTANDER)
7461	Dic 2 2017	18:54:53.4	6.79	-73.11	148	2.0	0.6	141	23	LOS SANTOS (SANTANDER)
7462	Dic 2 2017	20:06:18.1	6.81	-73.15	140	1.6	0.4	134	16	LOS SANTOS (SANTANDER)
7463	Dic 2 2017	21:19:57.3	6.81	-73.25	148	1.4	0.4	150	8	ZAPATOCA (SANTANDER)
7464	Dic 2 2017	21:23: 2.0	6.69	-72.89	130	1.0	0.3	176	6	MOLAGAVITA (SANTANDER)
7465	Dic 2 2017	21:24:27.5	6.78	-73.17	141	1.7	0.3	133	11	LOS SANTOS (SANTANDER)
7466	Dic 2 2017	21:48:32.0	7.85	-77.65	48	2.3	0.1	187	7	FRONTERA CON PANAMA
7467	Dic 2 2017	23:45:42.3	6.42	-73.72	103	1.1	0.3	154	6	SANTA HELENA DEL OPOON (SANTANDER)
7468	Dic 3 2017	00:20:38.9	7.44	-73.19	130	1.5	0.3	117	10	EL PLAYON (SANTANDER)
7469	Dic 3 2017	01:38: 6.6	4.58	-76.13	Sup	1.2	0.5	207	16	TORO (VALLE)
7470	Dic 3 2017	01:57:47.6	6.80	-73.13	141	2.2	0.9	66	42	LOS SANTOS (SANTANDER)
7471	Dic 3 2017	02:06:24.6	6.27	-73.68	105	1.3	0.4	102	15	SANTA HELENA DEL OPOON (SANTANDER)
7472	Dic 3 2017	02:12:47.8	6.67	-73.31	124	1.7	0.7	56	32	GALAN (SANTANDER)
7473	Dic 3 2017	02:18:24.2	5.85	-73.88	102	0.9	0.4	85	13	LA BELLEZA (SANTANDER)
7474	Dic 3 2017	02:43:28.3	6.76	-73.18	144	1.4	0.4	239	10	LOS SANTOS (SANTANDER)
7475	Dic 3 2017	02:47:45.5	7.46	-77.28	39	1.5	0.3	118	8	RIOSUCIO (CHOCO)
7476	Dic 3 2017	02:50:23.2	6.81	-73.12	140	1.2	0.3	246	8	LOS SANTOS (SANTANDER)
7477	Dic 3 2017	02:55:26.2	6.86	-73.12	145	1.3	0.3	281	7	LOS SANTOS (SANTANDER)
7478	Dic 3 2017	03:29: 8.3	10.54	-72.13	Sup	1.3	0.4	223	9	FRONTERA CON VENEZUELA
7479	Dic 3 2017	03:38:39.0	6.83	-73.15	143	2.1	0.7	65	38	LOS SANTOS (SANTANDER)
7480	Dic 3 2017	04:49:37.0	11.54	-74.42	8	1.4	0.5	264	8	MAR CARIBE
7481	Dic 3 2017	05:55:47.4	6.81	-73.13	136	1.2	0.4	245	10	LOS SANTOS (SANTANDER)
7482	Dic 3 2017	06:15: 0.1	3.99	-73.94	Sup	1.4	0.8	94	11	ACACIAS (META)
7483	Dic 3 2017	07:45:21.0	6.79	-73.16	145	1.7	0.3	157	19	LOS SANTOS (SANTANDER)
7484	Dic 3 2017	09:00:44.8	6.51	-73.54	106	1.1	0.5	132	7	EL CARMEN (SANTANDER)
7485	Dic 3 2017	09:01:32.1	8.89	-73.61	94	1.2	0.4	133	10	PAILITAS (CESAR)
7486	Dic 3 2017	09:14:38.0	7.43	-77.20	17	2.0	1.0	60	23	RIOSUCIO (CHOCO)
7487	Dic 3 2017	09:54:13.5	1.91	-75.97	32	0.9	0.2	154	7	TIMANA (HUILA)
7488	Dic 3 2017	12:44:51.3	7.14	-76.11	Sup	1.5	0.4	111	14	DABEIBA (ANTIOQUIA)
7489	Dic 3 2017	13:46:12.9	6.81	-73.16	144	1.8	0.2	133	19	LOS SANTOS (SANTANDER)
7490	Dic 3 2017	17:14:19.4	3.88	-76.19	113	2.1	0.4	140	30	BUGA (VALLE)
7491	Dic 3 2017	19:02:51.3	5.28	-73.74	148	2.9	0.4	54	46	CUCUNUBA (CUNDINAMARCA)
7492	Dic 3 2017	20:19:42.3	5.70	-72.51	Sup	1.6	0.6	111	14	PISVA (BOYACA)
7493	Dic 3 2017	20:30:46.3	6.83	-73.11	137	1.0	0.3	139	6	LOS SANTOS (SANTANDER)
7494	Dic 3 2017	21:14:12.0	3.25	-78.21	23	1.4	0.4	305	8	O. PACIFICO SUR
7495	Dic 3 2017	21:22:19.2	6.80	-73.19	130	1.5	0.4	130	13	ZAPATOCA (SANTANDER)
7496	Dic 3 2017	21:41: 6.1	6.79	-73.15	144	2.5	0.5	65	46	LOS SANTOS (SANTANDER)
7497	Dic 3 2017	22:01:26.2	1.88	-75.99	Sup	1.5	0.3	113	16	PITALITO (HUILA)
7498	Dic 3 2017	22:33: 8.8	7.05	-73.45	107	1.2	0.2	186	8	SAN VICENTE DE CHUCURI (SANTANDER)
7499	Dic 3 2017	22:39:21.6	1.83	-76.02	37	0.5	0.1	173	8	PITALITO (HUILA)
7500	Dic 3 2017	23:04:28.5	6.03	-73.79	105	1.0	0.3	161	10	EL PENON (SANTANDER)
7501	Dic 3 2017	23:45:45.0	6.83	-73.15	138	1.8	0.6	109	27	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7502	Dic 4 2017	00:37:15.0	6.82	-73.21	135	1.1	0.4	148	8	ZAPATOCA (SANTANDER)
7503	Dic 4 2017	00:48: 8.5	6.81	-73.17	149	1.2	0.3	208	7	ZAPATOCA (SANTANDER)
7504	Dic 4 2017	02:08:45.2	3.16	-78.29	24	1.9	0.4	255	16	O. PACIFICO SUR
7505	Dic 4 2017	02:15: 2.7	6.83	-73.13	146	2.3	0.8	56	44	LOS SANTOS (SANTANDER)
7506	Dic 4 2017	02:45:19.0	6.76	-73.27	134	1.6	0.7	64	27	ZAPATOCA (SANTANDER)
7507	Dic 4 2017	03:13: 2.4	6.85	-73.12	143	1.7	0.4	112	17	LOS SANTOS (SANTANDER)
7508	Dic 4 2017	03:36:17.2	6.83	-73.16	148	2.1	0.6	64	31	LOS SANTOS (SANTANDER)
7509	Dic 4 2017	03:44:41.8	6.78	-73.13	136	1.4	0.5	184	11	LOS SANTOS (SANTANDER)
7510	Dic 4 2017	04:11:58.5	6.80	-73.36	117	1.6	0.4	137	16	SAN VICENTE DE CHUCURI (SANTANDER)
7511	Dic 4 2017	04:23:56.1	6.82	-73.15	141	2.3	0.7	55	46	LOS SANTOS (SANTANDER)
7512	Dic 4 2017	04:30: 4.3	6.99	-77.95	23	2.1	0.7	182	10	O. PACIFICO NORTE
7513	Dic 4 2017	05:33:15.1	6.80	-73.10	148	1.8	0.6	168	20	LOS SANTOS (SANTANDER)
7514	Dic 4 2017	06:04:53.7	6.80	-73.12	140	1.6	0.6	114	18	LOS SANTOS (SANTANDER)
7515	Dic 4 2017	06:28:52.0	5.50	-73.88	137	2.1	0.8	53	40	SIMIJACA (CUNDINAMARCA)
7516	Dic 4 2017	06:47:29.7	2.01	-77.20	117	1.2	0.2	134	11	BALBOA (CAUCA)
7517	Dic 4 2017	06:53: 9.4	5.50	-74.57	Sup	2.1	0.9	43	45	PUERTO SALGAR (CUNDINAMARCA)
7518	Dic 4 2017	07:22:51.2	5.17	-76.13	67	1.8	0.6	160	25	PUEBLO RICO (RISARALDA)
7519	Dic 4 2017	07:51:50.0	6.83	-73.15	150	2.0	0.3	65	40	LOS SANTOS (SANTANDER)
7520	Dic 4 2017	08:49:33.4	6.82	-73.13	149	2.8	0.5	56	58	LOS SANTOS (SANTANDER)
7521	Dic 4 2017	09:03:45.9	6.82	-73.14	149	1.7	0.6	113	19	LOS SANTOS (SANTANDER)
7522	Dic 4 2017	09:40:30.0	6.80	-73.14	147	2.7	0.4	55	54	LOS SANTOS (SANTANDER)
7523	Dic 4 2017	11:54: 6.3	8.04	-74.62	22	1.4	0.3	190	8	NECHI (ANTIOQUIA)
7524	Dic 4 2017	12:15:43.1	6.81	-73.16	145	1.5	0.3	243	8	LOS SANTOS (SANTANDER)
7525	Dic 4 2017	12:17:51.2	6.89	-72.16	Sup	1.3	0.3	181	7	CUBARA (BOYACA)
7526	Dic 4 2017	13:14:50.6	3.62	-74.45	Sup	2.6	0.7	82	42	VILLARRICA (TOLIMA)
7527	Dic 4 2017	13:36: 1.1	6.81	-73.18	139	2.1	0.4	108	26	ZAPATOCA (SANTANDER)
7528	Dic 4 2017	13:52: 4.8	11.14	-72.65	73	2.3	0.5	139	18	MANAURE BALCON CESAR (CESAR)
7529	Dic 4 2017	13:58: 6.1	6.74	-73.41	112	1.4	0.2	186	8	EL CARMEN (SANTANDER)
7530	Dic 4 2017	14:02:36.3	6.78	-73.13	138	1.9	0.4	138	18	LOS SANTOS (SANTANDER)
7531	Dic 4 2017	14:37: 7.9	1.98	-75.95	Sup	1.6	0.3	98	22	TIMANA (HUILA)
7532	Dic 4 2017	15:06:41.5	6.70	-73.20	138	1.4	0.3	233	7	VILLANUEVA (SANTANDER)
7533	Dic 4 2017	15:11:46.2	7.40	-71.99	Sup	1.5	0.9	152	10	FRONTERA CON VENEZUELA
7534	Dic 4 2017	16:11:37.8	6.83	-76.65	8	1.9	0.4	242	12	MURINDO (ANTIOQUIA)
7535	Dic 4 2017	17:06: 8.8	6.80	-73.17	143	2.0	0.4	109	18	LOS SANTOS (SANTANDER)
7536	Dic 4 2017	17:34:32.0	6.81	-73.17	142	1.9	0.3	108	19	ZAPATOCA (SANTANDER)
7537	Dic 4 2017	17:42: 4.4	6.77	-73.17	135	1.6	0.5	110	17	LOS SANTOS (SANTANDER)
7538	Dic 4 2017	17:45:20.0	6.80	-73.17	138	1.9	0.4	109	25	LOS SANTOS (SANTANDER)
7539	Dic 4 2017	18:02:14.2	6.73	-73.18	141	1.7	0.4	214	12	VILLANUEVA (SANTANDER)
7540	Dic 4 2017	18:05:59.2	6.93	-73.12	142	1.5	0.5	284	7	PIEDRECUESTA (SANTANDER)
7541	Dic 4 2017	19:15: 6.7	6.33	-73.62	101	1.0	0.0	155	6	SANTA HELENA DEL OPO (SANTANDER)
7542	Dic 4 2017	19:43:39.8	6.84	-76.82	24	2.2	0.3	117	17	MURINDO (ANTIOQUIA)
7543	Dic 4 2017	20:40: 8.3	6.79	-73.17	142	1.2	0.3	142	9	LOS SANTOS (SANTANDER)
7544	Dic 4 2017	20:53:52.2	5.26	-73.73	147	1.5	0.5	102	11	CUCUNUBA (CUNDINAMARCA)
7545	Dic 4 2017	21:06:17.4	6.79	-73.17	144	1.5	0.1	142	8	LOS SANTOS (SANTANDER)
7546	Dic 4 2017	21:35: 6.3	6.82	-73.18	146	1.4	0.2	130	9	ZAPATOCA (SANTANDER)
7547	Dic 4 2017	23:35:50.3	1.95	-75.91	13	1.7	0.3	128	12	TIMANA (HUILA)
7548	Dic 5 2017	00:49: 1.2	6.74	-73.16	147	1.1	0.4	136	9	LOS SANTOS (SANTANDER)
7549	Dic 5 2017	01:15:52.2	6.83	-73.13	140	1.6	0.4	221	11	LOS SANTOS (SANTANDER)
7550	Dic 5 2017	01:20:35.7	6.85	-73.14	148	2.7	0.9	65	57	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7551	Dic 5 2017	01:24:17.9	6.76	-73.14	146	1.6	0.4	110	15	LOS SANTOS (SANTANDER)
7552	Dic 5 2017	01:31:40.7	5.76	-72.61	Sup	1.1	0.5	181	9	PISVA (BOYACA)
7553	Dic 5 2017	01:41:57.3	10.31	-73.59	82	1.7	0.3	112	10	PUEBLO BELLO (CESAR)
7554	Dic 5 2017	01:48:56.7	3.95	-76.16	117	1.6	0.2	114	10	SAN PEDRO (VALLE)
7555	Dic 5 2017	02:35:15.8	6.80	-73.18	142	1.4	0.3	241	9	ZAPATOCA (SANTANDER)
7556	Dic 5 2017	02:37:24.0	4.78	-76.31	102	2.4	0.7	94	36	EL CAIRO (VALLE)
7557	Dic 5 2017	02:50:13.0	6.64	-74.15	Sup	1.8	0.7	132	14	PUERTO PARRA (SANTANDER)
7558	Dic 5 2017	02:53:38.3	6.88	-73.35	120	2.2	0.3	149	10	SAN VICENTE DE CHUCURI (SANTANDER)
7559	Dic 5 2017	03:10:10.0	6.75	-73.17	145	1.7	0.5	109	15	LOS SANTOS (SANTANDER)
7560	Dic 5 2017	03:14:56.8	6.86	-76.64	Sup	1.7	0.7	136	13	MURINDO (ANTIOQUIA)
7561	Dic 5 2017	03:38:44.7	6.82	-73.16	138	1.6	0.5	181	17	LOS SANTOS (SANTANDER)
7562	Dic 5 2017	04:41: 1.4	6.73	-73.19	145	1.3	0.2	238	8	VILLANUEVA (SANTANDER)
7563	Dic 5 2017	05:57:17.7	1.70	-76.82	Sup	1.8	1.0	79	24	SAN SEBASTIAN (CAUCA)
7564	Dic 5 2017	06:18:33.1	6.85	-73.09	136	1.4	0.5	249	10	LOS SANTOS (SANTANDER)
7565	Dic 5 2017	07:07:52.0	6.83	-73.14	149	2.1	0.8	65	37	LOS SANTOS (SANTANDER)
7566	Dic 5 2017	07:13:36.2	6.80	-73.13	147	1.9	0.7	113	30	LOS SANTOS (SANTANDER)
7567	Dic 5 2017	07:17:21.7	7.34	-74.43	6	2.1	0.9	96	19	SEGOVIA (ANTIOQUIA)
7568	Dic 5 2017	08:00:56.1	6.80	-73.13	144	1.5	0.3	184	12	LOS SANTOS (SANTANDER)
7569	Dic 5 2017	08:48:26.7	5.28	-73.77	145	1.6	0.4	104	16	CUCUNUBA (CUNDINAMARCA)
7570	Dic 5 2017	09:34:52.1	7.10	-77.51	9	2.0	0.7	105	20	JURADO (CHOCO)
7571	Dic 5 2017	11:05:39.5	6.89	-73.04	137	1.3	0.4	168	9	PIEDRECUESTA (SANTANDER)
7572	Dic 5 2017	12:07:23.3	10.38	-74.06	Sup	2.0	0.9	105	14	ALGARROBO (MAGDALENA)
7573	Dic 5 2017	12:43:24.0	6.83	-76.29	Sup	2.3	0.9	150	18	URAMITA (ANTIOQUIA)
7574	Dic 5 2017	16:29:56.9	5.12	-78.24	64	2.1	0.3	299	17	O. PACIFICO CENTRO
7575	Dic 5 2017	17:15: 8.2	6.83	-73.16	149	2.7	0.6	55	45	ZAPATOCA (SANTANDER)
7576	Dic 5 2017	17:32:32.6	6.79	-73.16	142	1.7	0.2	218	12	LOS SANTOS (SANTANDER)
7577	Dic 5 2017	17:57:28.1	9.12	-74.03	16	2.1	0.3	98	17	EL BANCO (MAGDALENA)
7578	Dic 5 2017	19:28:14.4	6.80	-73.19	140	1.9	0.2	130	13	ZAPATOCA (SANTANDER)
7579	Dic 5 2017	19:58:52.7	4.46	-76.11	98	1.1	0.3	134	12	ROLDANILLO (VALLE)
7580	Dic 5 2017	20:03:45.1	6.79	-73.14	138	2.0	0.5	158	20	LOS SANTOS (SANTANDER)
7581	Dic 5 2017	20:37:45.5	7.67	-73.11	146	1.8	0.3	141	16	CACHIRA (N.SANTANDER)
7582	Dic 5 2017	21:12:10.6	1.98	-75.82	31	1.0	0.2	144	8	SUAZA (HUILA)
7583	Dic 5 2017	22:17:49.7	6.82	-73.10	139	1.4	0.3	140	8	LOS SANTOS (SANTANDER)
7584	Dic 5 2017	23:30:12.6	4.47	-75.61	12	0.9	0.3	100	14	CALARCA (QUINDIO)
7585	Dic 5 2017	23:47: 5.5	6.79	-76.21	Sup	1.4	0.5	190	10	FRONTINO (ANTIOQUIA)
7586	Dic 6 2017	00:39:17.3	6.88	-73.36	120	2.1	0.5	65	29	SAN VICENTE DE CHUCURI (SANTANDER)
7587	Dic 6 2017	00:53:39.3	6.80	-73.18	145	2.2	0.6	63	27	ZAPATOCA (SANTANDER)
7588	Dic 6 2017	01:50:17.8	0.87	-78.87	22	2.0	0.3	198	15	FRONTERA CON ECUADOR
7589	Dic 6 2017	01:53: 2.2	6.81	-73.17	133	2.0	0.5	63	27	ZAPATOCA (SANTANDER)
7590	Dic 6 2017	02:26:22.2	6.80	-73.13	138	1.9	0.3	66	22	LOS SANTOS (SANTANDER)
7591	Dic 6 2017	02:39:10.0	5.01	-74.04	9	0.9	0.2	268	7	ZIPAQUIRA (CUNDINAMARCA)
7592	Dic 6 2017	02:42:22.7	6.81	-73.16	147	2.3	0.9	64	43	LOS SANTOS (SANTANDER)
7593	Dic 6 2017	03:12:26.1	11.94	-73.69	10	2.2	0.5	283	11	MAR CARIBE
7594	Dic 6 2017	03:30:14.3	6.81	-73.16	144	1.9	0.5	157	24	LOS SANTOS (SANTANDER)
7595	Dic 6 2017	03:44:28.8	6.77	-73.19	146	1.4	0.3	239	8	ZAPATOCA (SANTANDER)
7596	Dic 6 2017	04:24:16.8	4.57	-76.17	14	0.7	0.2	147	8	VERSALLES (VALLE)
7597	Dic 6 2017	04:34: 3.1	6.81	-73.15	146	2.3	0.8	65	38	LOS SANTOS (SANTANDER)
7598	Dic 6 2017	04:43:18.8	6.77	-73.15	148	1.2	0.3	243	8	LOS SANTOS (SANTANDER)
7599	Dic 6 2017	05:07:41.3	5.95	-73.76	114	1.4	0.3	85	15	BOLIVAR (SANTANDER)
7600	Dic 6 2017	05:12:48.5	6.82	-73.12	138	1.6	0.4	185	14	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7601	Dic 6 2017	05:44:15.9	2.35	-76.04	Sup	1.5	0.9	96	18	LA PLATA (HUILA)
7602	Dic 6 2017	05:58:48.5	6.80	-73.10	145	1.4	0.2	247	8	LOS SANTOS (SANTANDER)
7603	Dic 6 2017	06:11:49.8	2.36	-76.03	Sup	1.8	0.7	95	19	LA PLATA (HUILA)
7604	Dic 6 2017	06:13:30.4	2.36	-76.03	Sup	1.3	0.8	94	18	LA PLATA (HUILA)
7605	Dic 6 2017	06:35: 9.3	6.78	-73.18	142	1.0	0.4	274	8	LOS SANTOS (SANTANDER)
7606	Dic 6 2017	06:41:46.1	6.83	-73.17	147	2.4	0.9	63	33	ZAPATOCA (SANTANDER)
7607	Dic 6 2017	06:43:38.4	2.60	-75.74	Sup	1.3	0.3	129	10	NATAGA (HUILA)
7608	Dic 6 2017	06:48:29.2	6.86	-73.11	146	1.5	0.2	249	8	LOS SANTOS (SANTANDER)
7609	Dic 6 2017	07:11:58.0	2.12	-75.66	15	1.5	0.3	113	10	GARZON (HUILA)
7610	Dic 6 2017	08:40:44.8	6.81	-73.16	140	1.3	0.4	243	9	LOS SANTOS (SANTANDER)
7611	Dic 6 2017	08:54:11.5	6.83	-73.17	144	1.2	0.3	243	8	ZAPATOCA (SANTANDER)
7612	Dic 6 2017	09:16:28.8	6.79	-73.15	138	1.1	0.4	243	8	LOS SANTOS (SANTANDER)
7613	Dic 6 2017	09:38:34.7	6.69	-73.21	138	1.2	0.4	224	8	VILLANUEVA (SANTANDER)
7614	Dic 6 2017	10:36:51.5	6.75	-73.15	139	1.4	0.2	242	10	LOS SANTOS (SANTANDER)
7615	Dic 6 2017	10:40:50.3	3.27	-73.80	96	1.4	0.1	284	8	SAN JUAN DE ARAMA (META)
7616	Dic 6 2017	11:37:54.5	3.76	-76.71	117	1.8	0.4	138	14	DAGUA (VALLE)
7617	Dic 6 2017	12:39:50.4	2.71	-75.06	Sup	1.3	0.4	198	11	RIVERA (HUILA)
7618	Dic 6 2017	13:11:59.5	11.27	-72.67	35	2.0	0.2	199	8	MANAURE BALCON CESAR (CESAR)
7619	Dic 6 2017	14:08: 2.7	4.34	-75.93	138	1.4	0.3	152	8	SEVILLA (VALLE)
7620	Dic 6 2017	14:51:32.6	6.74	-73.18	137	2.0	0.4	215	16	VILLANUEVA (SANTANDER)
7621	Dic 6 2017	16:07:18.8	10.45	-72.90	115	1.6	0.2	204	10	MANAURE BALCON CESAR (CESAR)
7622	Dic 6 2017	16:08:32.6	6.82	-73.17	141	2.2	0.5	108	29	ZAPATOCA (SANTANDER)
7623	Dic 6 2017	16:50:46.2	4.87	-78.05	24	1.8	0.6	278	18	O. PACIFICO CENTRO
7624	Dic 6 2017	16:53:19.2	1.77	-76.23	Sup	0.9	0.2	222	7	PALESTINA (HUILA)
7625	Dic 6 2017	17:44:31.9	6.64	-73.46	115	1.8	0.2	159	10	EL CARMEN (SANTANDER)
7626	Dic 6 2017	18:57:15.6	6.83	-73.14	139	1.9	0.6	196	18	LOS SANTOS (SANTANDER)
7627	Dic 6 2017	19:35:14.5	6.82	-73.16	141	2.7	0.6	64	56	LOS SANTOS (SANTANDER)
7628	Dic 6 2017	19:56:56.4	6.82	-73.17	141	2.7	0.5	63	44	ZAPATOCA (SANTANDER)
7629	Dic 6 2017	20:00: 9.3	10.24	-72.92	Sup	2.2	0.6	159	18	MANAURE BALCON CESAR (CESAR)
7630	Dic 6 2017	20:15:21.0	2.20	-75.58	11	1.5	0.6	93	14	GARZON (HUILA)
7631	Dic 6 2017	20:30:18.9	6.88	-72.69	6	2.0	0.7	206	12	CERRITO (SANTANDER)
7632	Dic 6 2017	20:31:45.2	6.87	-72.63	Sup	1.8	0.6	250	10	CERRITO (SANTANDER)
7633	Dic 6 2017	21:03:29.9	3.92	-76.26	117	1.3	0.5	112	12	BUGA (VALLE)
7634	Dic 6 2017	21:30:39.8	6.77	-73.17	139	1.8	0.4	141	12	LOS SANTOS (SANTANDER)
7635	Dic 6 2017	23:51:14.3	11.36	-73.44	Sup	1.8	0.7	182	12	MAR CARIBE
7636	Dic 7 2017	00:10:27.6	5.23	-77.79	38	2.2	0.6	145	26	O. PACIFICO CENTRO
7637	Dic 7 2017	01:02:14.4	6.82	-73.15	143	2.0	0.8	110	27	LOS SANTOS (SANTANDER)
7638	Dic 7 2017	01:06: 9.8	6.79	-73.16	146	2.1	0.5	110	23	LOS SANTOS (SANTANDER)
7639	Dic 7 2017	01:32:55.1	10.06	-72.85	Sup	2.4	0.5	167	18	FRONTERA CON VENEZUELA
7640	Dic 7 2017	02:12: 3.5	6.81	-73.13	139	1.7	0.4	112	11	LOS SANTOS (SANTANDER)
7641	Dic 7 2017	02:15: 5.8	10.77	-73.54	61	1.8	0.5	119	16	PUEBLO BELLO (CESAR)
7642	Dic 7 2017	02:25:11.5	11.22	-71.82	100	2.6	0.7	172	32	MAR CARIBE
7643	Dic 7 2017	02:48: 3.7	3.43	-74.32	Sup	2.5	1.0	89	41	URIBE (META)
7644	Dic 7 2017	04:34:14.0	2.28	-75.72	Sup	1.5	0.5	99	15	AGRADO (HUILA)
7645	Dic 7 2017	07:58:33.2	4.63	-74.70	6	1.4	0.1	289	7	PULI (CUNDINAMARCA)
7646	Dic 7 2017	08:25:19.9	6.78	-73.15	150	1.8	0.7	65	24	LOS SANTOS (SANTANDER)
7647	Dic 7 2017	08:57:30.5	6.81	-73.12	149	2.5	0.9	67	47	LOS SANTOS (SANTANDER)
7648	Dic 7 2017	09:15:42.3	3.38	-74.46	20	1.1	0.5	273	7	URIBE (META)
7649	Dic 7 2017	10:03: 7.8	1.03	-77.49	Sup	1.8	0.7	120	20	IMUES (NARINO)
7650	Dic 7 2017	10:06: 2.7	4.76	-76.11	89	1.2	0.4	114	12	ARGELIA (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7651	Dic 7 2017	10:18:58.8	6.80	-73.18	142	1.8	0.3	155	19	ZAPATOCA (SANTANDER)
7652	Dic 7 2017	10:39:27.5	6.84	-73.20	132	1.2	0.4	244	10	ZAPATOCA (SANTANDER)
7653	Dic 7 2017	11:02: 6.2	6.68	-73.25	136	1.3	0.5	205	11	GALAN (SANTANDER)
7654	Dic 7 2017	11:04:45.3	6.79	-73.17	147	1.8	0.6	110	22	LOS SANTOS (SANTANDER)
7655	Dic 7 2017	13:49:17.4	6.48	-73.34	142	2.9	0.4	57	51	SIMACOTA (SANTANDER)
7656	Dic 7 2017	13:57:46.0	6.23	-72.36	Sup	1.9	0.4	112	8	LA SALINA (CASANARE)
7657	Dic 7 2017	17:16:15.6	7.34	-73.16	128	1.4	0.3	176	8	RIONEGRO (SANTANDER)
7658	Dic 7 2017	17:38:55.3	7.40	-73.38	112	1.3	0.5	182	8	SABANA DE TORRES (SANTANDER)
7659	Dic 7 2017	19:43:59.3	6.81	-73.14	142	2.6	0.6	111	47	LOS SANTOS (SANTANDER)
7660	Dic 7 2017	20:18:27.3	5.76	-74.10	94	1.7	0.5	120	17	SAN PABLO DE BORBUR (BOYACA)
7661	Dic 7 2017	20:45:19.6	1.99	-75.88	Sup	1.5	0.6	121	14	TIMANA (HUILA)
7662	Dic 7 2017	21:21: 9.8	5.27	-75.79	47	1.1	0.1	116	8	ANSERMA (CALDAS)
7663	Dic 7 2017	22:24:59.3	6.84	-73.14	140	2.1	0.7	64	28	LOS SANTOS (SANTANDER)
7664	Dic 7 2017	22:43: 2.8	3.68	-76.03	Sup	1.6	0.7	80	27	GINEBRA (VALLE)
7665	Dic 8 2017	00:23:44.5	10.42	-73.34	86	1.6	0.2	210	10	LA PAZ (CESAR)
7666	Dic 8 2017	00:39:46.8	6.82	-73.12	136	1.9	0.7	66	21	LOS SANTOS (SANTANDER)
7667	Dic 8 2017	02:31:35.4	6.82	-73.19	135	2.0	0.6	134	16	ZAPATOCA (SANTANDER)
7668	Dic 8 2017	02:38:52.1	5.13	-77.64	22	2.1	0.6	283	13	O. PACIFICO CENTRO
7669	Dic 8 2017	02:47:10.0	6.81	-73.15	143	1.8	0.5	81	15	LOS SANTOS (SANTANDER)
7670	Dic 8 2017	03:11:57.2	6.72	-73.10	141	1.5	0.3	163	10	JORDAN (SANTANDER)
7671	Dic 8 2017	03:41:28.0	8.09	-75.35	21	1.7	0.4	282	7	LA APARTADA (CORDOBA)
7672	Dic 8 2017	04:42:52.3	6.80	-73.12	142	1.3	0.3	263	7	LOS SANTOS (SANTANDER)
7673	Dic 8 2017	05:28:37.5	6.85	-76.62	Sup	1.4	0.7	192	11	MURINDO (ANTIOQUIA)
7674	Dic 8 2017	05:46:28.4	2.39	-75.45	17	1.5	0.5	167	18	GIGANTE (HUILA)
7675	Dic 8 2017	05:51:29.1	2.84	-79.25	11	3.2	0.9	289	19	O. PACIFICO SUR
7676	Dic 8 2017	05:52:14.0	6.85	-73.15	142	2.6	0.5	64	19	LOS SANTOS (SANTANDER)
7677	Dic 8 2017	05:52:40.6	2.90	-79.29	12	3.2	0.8	290	16	O. PACIFICO SUR
7678	Dic 8 2017	06:23:57.4	2.83	-79.33	Sup	2.3	0.6	293	22	O. PACIFICO SUR
7679	Dic 8 2017	07:09:45.2	3.05	-79.27	10	2.1	0.6	324	10	O. PACIFICO SUR
7680	Dic 8 2017	07:30:48.2	6.79	-73.13	140	2.4	0.4	66	34	LOS SANTOS (SANTANDER)
7681	Dic 8 2017	08:06: 8.3	2.98	-79.22	19	2.3	0.6	284	20	O. PACIFICO SUR
7682	Dic 8 2017	08:11: 7.2	3.08	-79.35	35	2.3	0.3	315	17	O. PACIFICO SUR
7683	Dic 8 2017	08:20:36.5	7.06	-76.04	Sup	1.1	0.5	108	10	PEQUE (ANTIOQUIA)
7684	Dic 8 2017	08:33:15.7	6.80	-73.21	128	1.4	0.6	177	12	ZAPATOCA (SANTANDER)
7685	Dic 8 2017	08:41: 9.9	3.28	-74.90	Sup	0.9	0.7	163	8	ALPUJARRA (TOLIMA)
7686	Dic 8 2017	09:23:20.9	6.38	-73.75	95	1.1	0.3	134	8	SANTA HELENA DEL OPO (SANTANDER)
7687	Dic 8 2017	09:45:58.8	6.70	-73.61	100	1.8	0.4	94	20	EL CARMEN (SANTANDER)
7688	Dic 8 2017	10:26:31.1	3.29	-75.37	Sup	2.3	0.8	63	45	AIPE (HUILA)
7689	Dic 8 2017	10:58:50.2	6.76	-73.05	149	1.5	0.3	184	8	LOS SANTOS (SANTANDER)
7690	Dic 8 2017	11:01: 4.0	6.78	-73.06	135	1.8	0.4	90	10	LOS SANTOS (SANTANDER)
7691	Dic 8 2017	11:26: 1.2	6.77	-73.33	124	1.7	0.3	118	9	ZAPATOCA (SANTANDER)
7692	Dic 8 2017	12:15:39.2	4.80	-74.65	Sup	1.2	0.9	87	13	SAN JUAN DE RIOSECO (CUNDINAMARCA)
7693	Dic 8 2017	12:57:58.9	10.37	-73.58	84	1.4	0.2	195	7	PUEBLO BELLO (CESAR)
7694	Dic 8 2017	15:22:54.4	6.96	-76.31	Sup	1.9	0.7	240	10	DABEIBA (ANTIOQUIA)
7695	Dic 8 2017	15:51:39.7	7.15	-75.98	15	2.7	1.0	51	32	PEQUE (ANTIOQUIA)
<u>7696</u>	<u>Dic 8 2017</u>	<u>18:00:17.1</u>	<u>11.23</u>	<u>-72.81</u>	<u>25</u>	<u>3.4*</u>	<u>0.8</u>	<u>153</u>	<u>34</u>	<u>HATO NUEVO (LA GUAJIRA)</u>
7697	Dic 8 2017	19:52:37.6	6.79	-73.14	141	2.4	0.6	101	31	LOS SANTOS (SANTANDER)
7698	Dic 8 2017	20:01:57.4	11.03	-72.61	Sup	2.4	0.4	165	9	MANAURE BALCON CESAR (CESAR)
7699	Dic 8 2017	22:53:28.7	11.18	-72.87	Sup	1.2	0.5	221	8	MANAURE BALCON CESAR (CESAR)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7700	Dic 8 2017	23:33:17.5	2.21	-76.03	Sup	1.1	0.2	113	11	LA ARGENTINA (HUILA)
7701	Dic 9 2017	00:22:22.7	2.59	-76.02	Sup	1.1	0.7	129	12	INZA (CAUCA)
7702	Dic 9 2017	00:59:13.1	7.21	-76.20	Sup	1.5	0.6	229	10	DABEIBA (ANTIOQUIA)
7703	Dic 9 2017	01:09:45.1	6.80	-73.16	148	1.9	0.6	64	25	LOS SANTOS (SANTANDER)
7704	Dic 9 2017	02:59:13.5	6.77	-73.16	146	1.6	0.5	111	16	LOS SANTOS (SANTANDER)
7705	Dic 9 2017	03:09:51.7	10.15	-72.80	136	2.1	0.5	93	18	FRONTERA CON VENEZUELA
7706	Dic 9 2017	03:28:17.5	5.68	-74.92	18	1.2	0.6	110	11	NORCASIA (CALDAS)
7707	Dic 9 2017	04:14:55.2	6.86	-73.13	150	2.8	0.9	57	57	LOS SANTOS (SANTANDER)
7708	Dic 9 2017	04:58:53.2	6.82	-73.12	148	2.0	0.6	67	33	LOS SANTOS (SANTANDER)
7709	Dic 9 2017	05:18:46.1	6.78	-73.16	141	1.4	0.5	147	14	LOS SANTOS (SANTANDER)
7710	Dic 9 2017	06:27:19.9	6.82	-73.14	138	2.1	0.6	65	31	LOS SANTOS (SANTANDER)
7711	Dic 9 2017	06:59:30.8	6.84	-76.22	Sup	2.7	1.1	94	39	URAMITA (ANTIOQUIA)
7712	Dic 9 2017	07:13:10.9	6.08	-73.71	114	1.3	0.5	134	10	CHIPATA (SANTANDER)
7713	Dic 9 2017	07:21:40.9	0.67	-77.89	Sup	2.3	0.7	129	18	FRONTERA CON ECUADOR
7714	Dic 9 2017	07:27: 5.4	6.87	-76.20	Sup	2.3	1.2	145	29	URAMITA (ANTIOQUIA)
7715	Dic 9 2017	08:18:31.6	6.78	-76.72	Sup	2.7	1.3	58	52	MURINDO (ANTIOQUIA)
7716	Dic 9 2017	09:16:28.7	6.79	-73.14	138	1.3	0.1	107	9	LOS SANTOS (SANTANDER)
7717	Dic 9 2017	10:45:23.9	7.26	-75.25	Sup	1.6	0.4	90	9	VALDIVIA (ANTIOQUIA)
7718	Dic 9 2017	11:45:42.2	6.71	-73.15	139	1.8	0.3	159	10	VILLANUEVA (SANTANDER)
7719	Dic 9 2017	11:52:33.5	2.87	-79.43	32	3.0	1.7	183	30	O. PACIFICO SUR
7720	Dic 9 2017	12:00: 7.9	3.91	-76.85	Sup	1.7	0.8	116	12	BUENAVENTURA (VALLE)
7721	Dic 9 2017	13:04:25.1	6.74	-76.73	9	2.1	0.6	150	17	VIGIA DEL FUERTE (ANTIOQUIA)
7722	Dic 9 2017	15:00: 2.4	4.57	-76.05	111	1.5	0.5	79	27	TORO (VALLE)
7723	Dic 9 2017	15:22:26.0	8.87	-74.14	20	1.6	0.7	85	17	ALTOS DEL ROSARIO (BOLIVAR)
7724	Dic 9 2017	16:05:15.4	8.80	-73.16	130	2.6	0.7	81	48	EL TARRA (N.SANTANDER)
7725	Dic 9 2017	16:25:25.8	6.81	-73.17	139	2.1	0.6	63	22	LOS SANTOS (SANTANDER)
7726	Dic 9 2017	17:28:20.3	4.82	-74.60	11	1.0	0.3	97	12	SAN JUAN DE RIOSECO (CUNDINAMARCA)
7727	Dic 9 2017	17:35:15.7	9.00	-77.42	14	4.0*	1.4	154	55	MAR CARIBE
7728	Dic 9 2017	17:38: 4.5	8.94	-77.43	16	2.4	0.7	151	24	MAR CARIBE
7729	Dic 9 2017	18:28: 8.9	6.80	-73.17	143	1.9	0.6	140	24	LOS SANTOS (SANTANDER)
7730	Dic 9 2017	18:34:34.7	6.82	-73.14	145	2.7	0.6	55	59	LOS SANTOS (SANTANDER)
7731	Dic 9 2017	19:29:50.8	5.74	-74.24	86	1.0	0.2	134	8	OTANCHE (BOYACA)
7732	Dic 9 2017	19:33:45.6	5.25	-73.69	147	1.7	0.3	127	11	LENGUAZAQUE (CUNDINAMARCA)
7733	Dic 9 2017	20:25:44.4	7.62	-76.34	55	1.8	0.3	148	9	CHIGORODO (ANTIOQUIA)
7734	Dic 9 2017	23:08:27.3	5.86	-76.18	49	1.4	0.3	265	8	EL CARMEN (CHOCO)
7735	Dic 9 2017	23:45:33.6	6.82	-76.17	Sup	2.2	0.9	156	19	FRONTINO (ANTIOQUIA)
7736	Dic 10 2017	00:30:45.8	6.76	-73.19	141	1.3	0.4	137	11	LOS SANTOS (SANTANDER)
7737	Dic 10 2017	01:03: 7.7	8.71	-77.42	30	1.9	0.7	188	8	MAR CARIBE
7738	Dic 10 2017	01:16:23.1	9.91	-73.02	12	1.7	0.3	160	17	AGUSTIN CODAZZI (CESAR)
7739	Dic 10 2017	01:19:35.9	6.32	-73.63	108	1.6	0.3	67	24	SANTA HELENA DEL OPO (SANTANDER)
7740	Dic 10 2017	02:14:49.8	6.76	-73.15	139	1.2	0.5	150	12	LOS SANTOS (SANTANDER)
7741	Dic 10 2017	02:43:58.5	6.80	-73.17	140	2.1	0.3	63	34	ZAPATOCA (SANTANDER)
7742	Dic 10 2017	02:54:42.0	5.94	-73.58	126	1.7	0.4	109	27	BARBOSA (SANTANDER)
7743	Dic 10 2017	04:08:17.6	7.21	-78.15	12	1.6	1.2	221	10	O. PACIFICO NORTE
7744	Dic 10 2017	04:40:17.3	6.78	-73.18	138	1.7	0.4	109	24	LOS SANTOS (SANTANDER)
7745	Dic 10 2017	04:59: 7.5	6.82	-73.15	141	1.2	0.5	147	12	LOS SANTOS (SANTANDER)
7746	Dic 10 2017	05:09:49.0	6.82	-73.15	143	3.1	0.7	55	74	LOS SANTOS (SANTANDER)
7747	Dic 10 2017	05:15: 3.0	2.83	-79.32	9	2.9	0.7	256	42	O. PACIFICO SUR

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7748	Dic 10 2017	05:29:59.2	6.80	-73.13	148	1.6	0.4	112	25	LOS SANTOS (SANTANDER)
7749	Dic 10 2017	05:33: 9.2	6.85	-73.14	145	3.9	1.0	56	136	LOS SANTOS (SANTANDER)
7750	Dic 10 2017	06:04:44.4	6.84	-73.15	137	1.1	0.3	221	8	LOS SANTOS (SANTANDER)
7751	Dic 10 2017	06:07:47.8	6.59	-74.17	14	1.1	0.3	158	8	PUERTO PARRA (SANTANDER)
7752	Dic 10 2017	06:14: 3.5	3.44	-74.30	10	2.2	0.7	89	54	URIBE (META)
7753	Dic 10 2017	06:24:23.0	6.81	-73.12	133	1.5	0.5	113	20	LOS SANTOS (SANTANDER)
7754	Dic 10 2017	07:00:57.3	10.38	-72.52	Sup	1.6	0.6	179	15	FRONTERA CON VENEZUELA
7755	Dic 10 2017	07:19: 4.0	6.81	-73.18	143	1.4	0.4	107	23	ZAPATOCA (SANTANDER)
7756	Dic 10 2017	07:27: 6.4	6.53	-73.71	94	1.2	0.2	118	9	SANTA HELENA DEL OPO (SANTANDER)
7757	Dic 10 2017	07:49:12.8	3.89	-76.33	84	2.7	0.7	39	75	BUGA (VALLE)
7758	Dic 10 2017	07:57:50.6	6.76	-73.14	141	1.5	0.3	90	13	LOS SANTOS (SANTANDER)
7759	Dic 10 2017	08:23:58.4	7.08	-73.27	127	1.1	0.4	172	8	LEBRIJA (SANTANDER)
7760	Dic 10 2017	08:35:14.9	9.73	-73.75	74	1.7	0.3	136	11	EL PASO (CESAR)
7761	Dic 10 2017	08:55:10.6	7.33	-78.09	10	2.3	0.5	194	10	O. PACIFICO NORTE
7762	Dic 10 2017	09:18:21.6	3.92	-77.03	12	1.2	0.5	245	8	BUENAVENTURA (VALLE)
7763	Dic 10 2017	09:28:38.5	5.25	-73.71	151	2.6	0.7	55	36	LENGUAZAQUE (CUNDINAMARCA)
7764	Dic 10 2017	09:49:13.1	6.82	-73.16	146	1.6	0.4	109	16	LOS SANTOS (SANTANDER)
7765	Dic 10 2017	11:20:59.6	1.68	-77.15	Sup	1.0	0.3	141	11	FLORENCIA (CAUCA)
7766	Dic 10 2017	11:24:22.3	2.82	-74.95	Sup	1.3	0.4	205	12	RIVERA (HUILA)
7767	Dic 10 2017	11:33:13.0	6.76	-73.10	142	1.5	0.4	117	18	LOS SANTOS (SANTANDER)
7768	Dic 10 2017	11:42:57.7	6.63	-75.75	Sup	1.7	0.3	111	10	OLAYA (ANTIOQUIA)
7769	Dic 10 2017	11:45: 9.8	11.93	-72.82	10	1.9	0.3	225	10	MAR CARIBE
7770	Dic 10 2017	12:14:28.1	6.81	-73.17	146	1.3	0.2	140	9	LOS SANTOS (SANTANDER)
7771	Dic 10 2017	12:24: 3.9	8.05	-73.51	105	1.9	0.5	84	20	SAN MARTIN (CESAR)
7772	Dic 10 2017	12:52:39.0	5.87	-74.40	Sup	2.1	0.7	92	42	PUERTO BOYACA (BOYACA)
7773	Dic 10 2017	14:03:58.7	6.81	-73.13	143	1.6	0.4	153	15	LOS SANTOS (SANTANDER)
7774	Dic 10 2017	14:21:32.4	6.91	-73.19	145	1.6	0.3	129	15	BETULIA (SANTANDER)
7775	Dic 10 2017	14:57:45.3	6.81	-73.16	136	1.9	0.5	110	25	LOS SANTOS (SANTANDER)
7776	Dic 10 2017	15:22:15.4	6.79	-73.35	131	1.5	0.3	93	12	ZAPATOCA (SANTANDER)
7777	Dic 10 2017	15:44:52.6	6.80	-73.14	136	1.8	0.4	111	18	LOS SANTOS (SANTANDER)
7778	Dic 10 2017	16:10:46.7	6.81	-73.20	136	1.6	0.4	132	9	ZAPATOCA (SANTANDER)
7779	Dic 10 2017	17:38:57.0	3.78	-77.10	58	2.0	0.5	81	26	BUENAVENTURA (VALLE)
7780	Dic 10 2017	18:46:47.5	6.81	-73.17	139	1.7	0.4	108	21	ZAPATOCA (SANTANDER)
7781	Dic 10 2017	19:51:30.6	5.27	-73.77	146	1.5	0.4	91	18	CUCUNUBA (CUNDINAMARCA)
7782	Dic 10 2017	20:10:11.2	6.98	-76.56	Sup	1.8	0.7	187	11	MURINDO (ANTIOQUIA)
7783	Dic 10 2017	20:45:53.1	3.74	-77.06	18	2.2	1.5	113	29	BUENAVENTURA (VALLE)
7784	Dic 10 2017	20:59:10.3	6.65	-74.11	16	1.7	0.7	106	12	PUERTO PARRA (SANTANDER)
7785	Dic 10 2017	21:00:33.7	5.08	-73.06	Sup	1.7	1.0	147	15	PAEZ (BOYACA)
7786	Dic 10 2017	22:09:26.2	4.34	-76.58	78	1.4	0.3	242	8	TRUJILLO (VALLE)
7787	Dic 10 2017	23:19:13.7	3.77	-76.99	22	1.6	0.9	116	12	BUENAVENTURA (VALLE)
7788	Dic 11 2017	00:04:38.5	6.77	-73.53	106	1.9	0.4	47	34	EL CARMEN (SANTANDER)
7789	Dic 11 2017	00:12:39.3	6.52	-73.41	116	1.2	0.5	97	12	HATO (SANTANDER)
7790	Dic 11 2017	00:32:39.5	1.94	-75.88	Sup	1.9	0.6	98	31	TIMANA (HUILA)
7791	Dic 11 2017	00:57:33.1	6.81	-73.17	140	2.4	0.5	63	52	ZAPATOCA (SANTANDER)
7792	Dic 11 2017	01:24:54.3	3.04	-79.15	Sup	1.3	0.4	329	8	O. PACIFICO SUR
7793	Dic 11 2017	02:00: 6.3	4.67	-73.06	64	1.2	0.3	111	10	BARRANCA DE UPIA (META)
7794	Dic 11 2017	02:19: 9.5	6.76	-73.13	140	1.4	0.2	158	11	LOS SANTOS (SANTANDER)
7795	Dic 11 2017	02:28:15.4	6.21	-74.48	16	1.2	0.5	143	10	PUERTO NARE (ANTIOQUIA)
7796	Dic 11 2017	02:35:13.9	7.35	-75.42	18	2.0	0.7	82	23	VALDIVIA (ANTIOQUIA)
7797	Dic 11 2017	02:38:19.7	6.76	-73.16	140	1.6	0.5	111	24	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7798	Dic 11 2017	02:55:52.3	3.45	-74.57	Sup	0.8	0.4	180	9	COLOMBIA (HUILA)
7799	Dic 11 2017	03:07:18.1	7.63	-73.39	116	1.5	0.4	106	20	LA ESPERANZA (N.SANTANDER)
7800	Dic 11 2017	03:19:40.9	7.33	-75.50	20	1.3	0.3	156	8	VALDIVIA (ANTIOQUIA)
7801	Dic 11 2017	03:24:44.2	6.76	-73.15	136	1.2	0.3	149	12	LOS SANTOS (SANTANDER)
7802	Dic 11 2017	03:58:54.6	2.67	-76.62	Sup	0.9	0.3	148	10	CAJIBIO (CAUCA)
7803	Dic 11 2017	04:05:45.3	6.81	-73.15	140	1.6	0.5	111	18	LOS SANTOS (SANTANDER)
7804	Dic 11 2017	04:08:19.6	1.96	-75.95	17	0.8	0.1	143	7	TIMANA (HUILA)
7805	Dic 11 2017	04:15:55.5	6.77	-73.15	138	1.3	0.5	112	15	LOS SANTOS (SANTANDER)
7806	Dic 11 2017	04:28:54.2	2.96	-79.24	52	2.3	0.5	289	23	O. PACIFICO SUR
7807	Dic 11 2017	04:40:13.7	6.79	-73.16	153	1.0	0.5	145	11	LOS SANTOS (SANTANDER)
7808	Dic 11 2017	04:41:41.8	6.80	-73.18	140	1.5	0.3	139	14	ZAPATOCA (SANTANDER)
7809	Dic 11 2017	04:51:41.3	6.78	-73.09	144	1.3	0.4	169	11	LOS SANTOS (SANTANDER)
7810	Dic 11 2017	05:15:58.8	6.77	-73.13	144	1.3	0.3	156	10	LOS SANTOS (SANTANDER)
7811	Dic 11 2017	05:18:14.5	3.81	-75.76	Sup	1.4	0.7	85	19	RONCESVALLES (TOLIMA)
7812	Dic 11 2017	05:59:48.3	4.68	-75.74	13	0.9	0.2	102	11	ULLOA (VALLE)
7813	Dic 11 2017	06:09:19.7	3.03	-75.94	Sup	1.2	0.6	94	20	TORIBIO (CAUCA)
7814	Dic 11 2017	06:14:39.4	4.79	-76.18	105	1.5	0.4	122	16	EL CAIRO (VALLE)
7815	Dic 11 2017	06:15:41.3	2.38	-76.03	Sup	1.2	0.4	101	14	LA PLATA (HUILA)
7816	Dic 11 2017	06:31:22.2	6.27	-73.30	138	1.4	0.5	73	16	OIBA (SANTANDER)
7817	Dic 11 2017	06:35: 2.2	6.63	-75.75	Sup	1.1	0.1	172	8	OLAYA (ANTIOQUIA)
7818	Dic 11 2017	06:44:16.2	6.82	-73.36	124	1.2	0.3	89	12	SAN VICENTE DE CHUCURI (SANTANDER)
7819	Dic 11 2017	06:54:18.3	6.79	-73.15	145	1.2	0.4	149	16	LOS SANTOS (SANTANDER)
7820	Dic 11 2017	06:59:18.8	2.38	-76.03	Sup	1.3	0.2	100	14	LA PLATA (HUILA)
7821	Dic 11 2017	07:40:28.2	7.19	-76.22	Sup	1.7	0.7	159	12	DABEIBA (ANTIOQUIA)
7822	Dic 11 2017	07:46:52.4	7.99	-74.97	13	1.4	0.3	195	10	CAUCASIA (ANTIOQUIA)
7823	Dic 11 2017	07:51:53.6	6.86	-73.10	143	1.1	0.4	156	9	LOS SANTOS (SANTANDER)
7824	Dic 11 2017	08:47:28.1	1.09	-78.87	19	2.8	1.0	184	39	FRONTERA CON ECUADOR
7825	Dic 11 2017	09:39:32.1	10.31	-73.43	Sup	1.2	0.2	215	8	PUEBLO BELLO (CESAR)
7826	Dic 11 2017	09:43:29.3	6.80	-73.18	141	1.8	0.5	108	13	ZAPATOCA (SANTANDER)
7827	Dic 11 2017	09:54:57.6	11.51	-73.43	17	2.0	0.5	246	14	MAR CARIBE
7828	Dic 11 2017	10:12:54.7	6.82	-73.18	147	1.6	0.3	107	21	ZAPATOCA (SANTANDER)
7829	Dic 11 2017	10:51:19.3	6.80	-73.18	143	1.7	0.3	108	16	ZAPATOCA (SANTANDER)
7830	Dic 11 2017	10:56: 2.8	6.81	-73.17	149	2.3	0.6	109	38	LOS SANTOS (SANTANDER)
7831	Dic 11 2017	11:18: 4.3	6.84	-73.18	150	3.9	0.8	55	91	ZAPATOCA (SANTANDER)
7832	Dic 11 2017	11:37:36.5	5.16	-73.69	150	1.5	0.2	250	8	CHOCONTA (CUNDINAMARCA)
7833	Dic 11 2017	11:52:44.0	6.77	-73.17	139	1.6	0.3	144	12	LOS SANTOS (SANTANDER)
7834	Dic 11 2017	12:18:18.0	6.82	-73.16	144	1.7	0.4	111	18	LOS SANTOS (SANTANDER)
7835	Dic 11 2017	12:21:10.6	6.80	-73.20	140	1.6	0.2	130	10	ZAPATOCA (SANTANDER)
7836	Dic 11 2017	12:32:27.0	7.60	-73.15	143	1.7	0.4	131	12	EL PLAYON (SANTANDER)
7837	Dic 11 2017	12:55:10.0	4.26	-75.81	Sup	0.6	0.3	180	7	GENOVA (QUINDIO)
7838	Dic 11 2017	12:56: 5.1	3.43	-76.26	131	1.6	0.5	110	23	PRADERA (VALLE)
7839	Dic 11 2017	13:22:37.9	6.82	-73.16	140	2.6	0.7	64	47	LOS SANTOS (SANTANDER)
7840	Dic 11 2017	13:32:23.6	11.12	-73.62	14	1.4	0.2	184	8	PUEBLO BELLO (CESAR)
7841	Dic 11 2017	13:50:18.8	6.02	-73.85	102	1.2	0.2	125	10	EL PENON (SANTANDER)
7842	Dic 11 2017	16:23:58.3	7.32	-78.84	25	2.9	0.3	188	10	O. PACIFICO NORTE
7843	Dic 11 2017	17:18:54.1	6.38	-73.65	103	2.1	0.5	55	27	SANTA HELENA DEL OPOON (SANTANDER)
7844	Dic 11 2017	17:49:51.7	10.19	-74.00	Sup	0.8	0.3	171	7	EL COPEY (CESAR)
7845	Dic 11 2017	18:22: 3.4	6.78	-73.17	144	1.6	0.2	140	11	LOS SANTOS (SANTANDER)
7846	Dic 11 2017	18:29:31.4	6.84	-73.14	148	1.8	0.4	111	16	LOS SANTOS (SANTANDER)
7847	Dic 11 2017	18:50:16.8	6.39	-73.67	99	1.8	0.5	59	20	SANTA HELENA DEL OPOON (SANTANDER)
7848	Dic 11 2017	19:34:26.8	6.80	-73.16	143	1.9	0.4	110	19	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7849	Dic 11 2017	19:41:44.6	6.82	-73.15	143	2.4	0.7	65	37	LOS SANTOS (SANTANDER)
<u>7850</u>	<u>Dic 11 2017</u>	<u>19:59:23.7</u>	<u>4.09</u>	<u>-74.07</u>	<u>Sup</u>	<u>4.0*</u>	<u>1.5</u>	<u>103</u>	<u>84</u>	<u>GUTIERREZ (CUNDINAMARCA)</u>
7851	Dic 11 2017	20:12:50.9	4.15	-73.80	54	1.6	0.3	164	8	GUAYABETAL (CUNDINAMARCA)
7852	Dic 11 2017	20:21:37.9	3.96	-74.06	17	1.4	0.3	184	8	CUBARRAL (META)
7853	Dic 11 2017	22:05:30.1	10.04	-73.42	97	1.7	0.3	115	16	AGUSTIN CODAZZI (CESAR)
7854	Dic 11 2017	22:34:30.5	5.43	-73.81	141	2.0	0.4	61	23	SUSA (CUNDINAMARCA)
7855	Dic 11 2017	22:36:22.2	9.18	-73.34	Sup	1.6	0.4	165	14	FRONTERA CON VENEZUELA
7856	Dic 11 2017	22:58:16.5	3.75	-76.23	135	1.6	0.3	157	10	GINEBRA (VALLE)
7857	Dic 12 2017	01:22:57.4	8.83	-77.32	39	1.9	0.7	176	13	MAR CARIBE
7858	Dic 12 2017	02:03:23.5	6.75	-73.13	138	1.6	0.4	114	15	LOS SANTOS (SANTANDER)
7859	Dic 12 2017	02:55:43.5	10.78	-72.56	9	1.0	0.2	182	9	FRONTERA CON VENEZUELA
7860	Dic 12 2017	03:20:58.6	6.81	-73.16	146	2.0	0.5	64	37	LOS SANTOS (SANTANDER)
7861	Dic 12 2017	03:43:39.4	6.81	-73.14	145	1.9	0.4	65	39	LOS SANTOS (SANTANDER)
7862	Dic 12 2017	03:46:20.3	4.99	-73.24	Sup	1.6	0.9	107	18	MACANAL (BOYACA)
7863	Dic 12 2017	04:36:28.8	5.67	-73.99	110	1.8	0.5	102	27	PAUNA (BOYACA)
7864	Dic 12 2017	04:53:30.2	10.23	-73.12	119	2.9	0.5	134	42	SAN DIEGO (CESAR)
7865	Dic 12 2017	06:43:25.4	3.45	-76.83	44	1.4	0.5	104	14	DAGUA (VALLE)
7866	Dic 12 2017	06:44:54.3	5.47	-73.88	140	1.3	0.2	235	8	SIMIJACA (CUNDINAMARCA)
7867	Dic 12 2017	06:58: 9.9	6.86	-73.18	148	1.9	0.5	134	20	ZAPATOCA (SANTANDER)
7868	Dic 12 2017	07:21:25.0	6.82	-73.16	148	2.2	0.5	64	45	LOS SANTOS (SANTANDER)
7869	Dic 12 2017	07:26:18.5	4.36	-75.10	Sup	1.1	0.1	179	7	IBAGUE (TOLIMA)
7870	Dic 12 2017	07:26:57.3	6.82	-73.15	137	1.6	0.3	110	16	LOS SANTOS (SANTANDER)
7871	Dic 12 2017	07:30:39.6	6.73	-72.12	Sup	1.0	0.6	175	7	CUBARA (BOYACA)
7872	Dic 12 2017	07:59:31.7	4.96	-76.08	110	0.9	0.3	125	8	EL AGUILA (VALLE)
7873	Dic 12 2017	08:47:18.0	6.83	-73.15	148	2.2	0.8	65	35	LOS SANTOS (SANTANDER)
7874	Dic 12 2017	09:16: 4.2	6.80	-73.15	139	1.1	0.2	256	8	LOS SANTOS (SANTANDER)
7875	Dic 12 2017	10:02:50.1	4.80	-76.15	104	1.4	0.3	109	12	EL CAIRO (VALLE)
7876	Dic 12 2017	14:26:26.3	5.68	-77.91	32	1.8	0.6	211	14	O. PACIFICO NORTE
7877	Dic 12 2017	14:39:20.7	6.81	-73.16	143	2.0	0.4	143	17	LOS SANTOS (SANTANDER)
7878	Dic 12 2017	15:29:48.5	2.34	-75.73	Sup	1.6	0.4	91	17	AGRADO (HUILA)
7879	Dic 12 2017	16:24:25.1	7.38	-75.26	6	2.1	0.7	117	17	CACERES (ANTIOQUIA)
7880	Dic 12 2017	16:41:49.5	6.81	-73.16	147	2.0	0.5	110	16	LOS SANTOS (SANTANDER)
7881	Dic 12 2017	16:59:34.8	6.80	-73.19	140	1.9	0.6	144	12	ZAPATOCA (SANTANDER)
7882	Dic 12 2017	17:13:18.8	6.81	-73.19	141	2.0	0.5	107	17	ZAPATOCA (SANTANDER)
7883	Dic 12 2017	17:20:30.1	6.83	-73.19	145	2.3	0.6	106	22	ZAPATOCA (SANTANDER)
7884	Dic 12 2017	18:19:13.8	6.94	-76.31	Sup	1.7	0.3	240	8	DABEIBA (ANTIOQUIA)
7885	Dic 12 2017	22:16:46.0	10.61	-73.97	27	1.4	0.4	97	17	ALGARROBO (MAGDALENA)
7886	Dic 12 2017	22:17:59.5	2.20	-75.64	Sup	1.5	0.4	85	9	GARZON (HUILA)
7887	Dic 12 2017	22:40:35.0	5.19	-72.91	Sup	1.8	0.5	81	15	CHAMEZA (CASANARE)
7888	Dic 12 2017	23:15:20.4	6.74	-73.15	138	1.6	0.2	154	10	LOS SANTOS (SANTANDER)
7889	Dic 13 2017	01:04:53.3	6.77	-73.18	150	1.5	0.2	138	7	LOS SANTOS (SANTANDER)
7890	Dic 13 2017	01:13:26.0	6.82	-73.16	146	3.6	0.6	55	102	LOS SANTOS (SANTANDER)
7891	Dic 13 2017	01:41:18.6	4.02	-74.09	Sup	1.4	0.4	92	10	GUTIERREZ (CUNDINAMARCA)
7892	Dic 13 2017	01:43:23.2	11.48	-74.16	Sup	2.5	0.6	232	22	MAR CARIBE
7893	Dic 13 2017	02:32: 0.6	3.77	-76.90	48	1.2	0.2	130	9	BUENAVENTURA (VALLE)
7894	Dic 13 2017	02:56:23.0	6.12	-73.88	96	2.0	0.7	61	32	EL PENON (SANTANDER)
7895	Dic 13 2017	04:46: 6.2	7.09	-76.18	Sup	1.1	0.5	135	10	DABEIBA (ANTIOQUIA)
7896	Dic 13 2017	04:54:44.4	6.83	-73.11	151	2.1	0.5	67	38	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7897	Dic 13 2017	05:00:10.6	11.14	-73.22	61	1.3	0.3	154	9	LA PAZ (CESAR)
7898	Dic 13 2017	05:01:12.8	6.78	-73.21	137	1.4	0.4	127	10	ZAPATOCA (SANTANDER)
7899	Dic 13 2017	05:04: 0.5	7.15	-73.30	110	0.9	0.2	117	7	LEBRIJA (SANTANDER)
7900	Dic 13 2017	05:29:58.3	7.00	-76.88	19	2.0	0.5	102	26	MURINDO (ANTIOQUIA)
7901	Dic 13 2017	05:42:33.7	6.81	-73.16	132	1.4	0.5	110	11	LOS SANTOS (SANTANDER)
7902	Dic 13 2017	05:47:16.4	7.66	-73.74	24	2.0	0.3	70	15	SAN PABLO (BOLIVAR)
7903	Dic 13 2017	05:52:12.3	6.43	-75.92	69	1.1	0.3	146	9	CAICEDO (ANTIOQUIA)
7904	Dic 13 2017	06:00: 9.2	4.43	-77.75	37	1.8	0.5	279	10	O. PACIFICO CENTRO
7905	Dic 13 2017	06:08:34.7	4.49	-74.71	Sup	1.5	0.3	234	7	JERUSALEN (CUNDINAMARCA)
7906	Dic 13 2017	06:18:35.2	6.83	-73.16	147	2.3	0.4	64	54	LOS SANTOS (SANTANDER)
7907	Dic 13 2017	06:23: 4.7	6.83	-73.09	153	1.4	0.3	208	7	LOS SANTOS (SANTANDER)
7908	Dic 13 2017	06:47:52.3	6.81	-73.13	144	2.4	0.6	66	50	LOS SANTOS (SANTANDER)
7909	Dic 13 2017	07:54:52.1	6.63	-73.53	104	1.0	0.4	168	7	EL CARMEN (SANTANDER)
7910	Dic 13 2017	08:33:27.9	5.05	-76.11	108	1.1	0.4	138	11	LA CELIA (RISARALDA)
7911	Dic 13 2017	08:48:51.3	6.80	-73.14	144	1.9	0.5	111	23	LOS SANTOS (SANTANDER)
7912	Dic 13 2017	08:52:53.2	3.85	-76.91	Sup	1.3	0.6	120	14	BUENAVENTURA (VALLE)
7913	Dic 13 2017	09:11:48.9	6.71	-73.12	148	1.3	0.4	116	10	JORDAN (SANTANDER)
7914	Dic 13 2017	09:36:35.7	6.77	-73.14	145	2.0	0.5	66	24	LOS SANTOS (SANTANDER)
7915	Dic 13 2017	09:41:21.7	3.35	-78.83	36	2.4	0.4	246	42	O. PACIFICO SUR
7916	Dic 13 2017	09:46:48.9	6.39	-73.51	110	1.9	0.6	60	25	CONTRATAACION (SANTANDER)
7917	Dic 13 2017	11:04:56.8	6.79	-73.17	144	1.8	0.5	109	20	LOS SANTOS (SANTANDER)
7918	Dic 13 2017	11:17:55.9	11.10	-73.92	21	1.4	0.5	173	12	PUEBLO BELLO (CESAR)
7919	Dic 13 2017	11:37:39.5	11.01	-73.71	Sup	1.9	0.3	141	16	PUEBLO BELLO (CESAR)
7920	Dic 13 2017	11:44: 1.2	3.67	-76.15	107	1.2	0.5	108	15	GINEBRA (VALLE)
7921	Dic 13 2017	12:27:20.6	4.75	-74.70	14	1.7	0.6	80	24	BELTRAN (CUNDINAMARCA)
7922	Dic 13 2017	13:13: 2.9	4.38	-73.50	Sup	1.7	0.5	118	15	CUMARAL (META)
7923	Dic 13 2017	13:22:33.1	6.68	-73.14	148	1.7	0.3	166	9	VILLANUEVA (SANTANDER)
7924	Dic 13 2017	13:47:45.8	11.23	-73.25	Sup	2.7	0.8	164	19	LA PAZ (CESAR)
7925	Dic 13 2017	13:57:40.4	6.84	-73.08	143	2.1	0.6	104	24	LOS SANTOS (SANTANDER)
7926	Dic 13 2017	14:19:58.2	6.78	-73.13	141	1.5	0.2	261	9	LOS SANTOS (SANTANDER)
7927	Dic 13 2017	15:51:22.5	6.80	-73.16	142	1.7	0.3	110	13	LOS SANTOS (SANTANDER)
7928	Dic 13 2017	16:12: 8.2	6.85	-73.13	152	2.8	0.6	66	37	LOS SANTOS (SANTANDER)
7929	Dic 13 2017	17:12:42.3	3.66	-76.03	Sup	1.1	0.2	116	10	GINEBRA (VALLE)
7930	Dic 13 2017	17:14: 2.8	6.82	-73.18	146	1.8	0.3	107	18	ZAPATOCA (SANTANDER)
7931	Dic 13 2017	17:17: 7.5	6.74	-73.14	144	1.7	0.4	156	13	LOS SANTOS (SANTANDER)
7932	Dic 13 2017	17:33:37.1	6.81	-73.19	140	2.1	0.5	145	12	ZAPATOCA (SANTANDER)
7933	Dic 13 2017	18:19: 1.9	2.41	-75.51	12	1.5	0.5	150	15	GIGANTE (HUILA)
7934	Dic 13 2017	18:47:51.9	5.12	-74.66	Sup	1.9	0.8	81	23	GUADUAS (CUNDINAMARCA)
7935	Dic 13 2017	19:44: 4.4	1.94	-75.92	17	1.2	0.1	141	8	TIMANA (HUILA)
7936	Dic 13 2017	20:36: 1.8	7.24	-75.86	23	3.3	0.6	62	57	ITUANGO (ANTIOQUIA)
7937	Dic 13 2017	21:35:24.5	9.74	-73.41	107	1.3	0.4	107	9	BECERRIL (CESAR)
7938	Dic 13 2017	22:49:38.0	11.17	-72.79	Sup	1.4	0.4	207	8	MANAURE BALCON CESAR (CESAR)
7939	Dic 13 2017	23:57:20.1	6.79	-73.12	145	1.7	0.4	114	14	LOS SANTOS (SANTANDER)
7940	Dic 14 2017	00:57:21.7	8.95	-74.07	11	1.7	0.3	103	15	HATILLO DE LOBA (BOLIVAR)
7941	Dic 14 2017	01:26: 5.9	2.66	-75.06	6	1.7	0.5	199	19	RIVERA (HUILA)
7942	Dic 14 2017	01:39:47.4	4.72	-75.72	136	2.4	0.8	39	57	ULLOA (VALLE)
7943	Dic 14 2017	02:20:43.2	6.82	-73.16	143	1.7	0.5	109	15	LOS SANTOS (SANTANDER)
7944	Dic 14 2017	03:33:53.7	9.99	-73.11	126	1.8	0.6	154	19	AGUSTIN CODAZZI (CESAR)
7945	Dic 14 2017	03:38:35.2	4.31	-77.32	57	1.6	0.7	173	21	LITORAL DEL SAN JUAN (CHOCO)
7946	Dic 14 2017	04:54:54.7	4.32	-78.35	32	2.3	0.8	199	36	O. PACIFICO CENTRO

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7947	Dic 14 2017	05:23:38.3	6.80	-73.18	142	1.2	0.3	138	12	ZAPATOCA (SANTANDER)
7948	Dic 14 2017	05:31:21.8	6.81	-73.15	146	1.5	0.6	110	23	LOS SANTOS (SANTANDER)
7949	Dic 14 2017	06:23:43.9	6.81	-76.24	Sup	1.1	0.5	177	11	URAMITA (ANTIOQUIA)
7950	Dic 14 2017	06:27: 8.6	6.80	-73.15	144	1.7	0.4	193	15	LOS SANTOS (SANTANDER)
7951	Dic 14 2017	06:32:23.7	6.83	-73.16	143	1.3	0.3	253	8	LOS SANTOS (SANTANDER)
7952	Dic 14 2017	07:31:43.8	6.86	-76.19	Sup	1.8	0.6	157	19	URAMITA (ANTIOQUIA)
7953	Dic 14 2017	07:34:48.0	9.15	-73.63	28	2.3	0.7	62	38	CURUMANI (CESAR)
7954	Dic 14 2017	07:43:23.0	6.79	-76.63	Sup	1.2	0.5	217	10	MURINDO (ANTIOQUIA)
7955	Dic 14 2017	08:56:55.9	6.77	-73.16	141	1.4	0.3	147	7	LOS SANTOS (SANTANDER)
7956	Dic 14 2017	09:03:13.6	4.11	-75.35	Sup	2.8	0.9	48	52	ROVIRA (TOLIMA)
7957	Dic 14 2017	09:07:59.2	6.89	-73.14	145	1.7	0.5	195	12	PIEDRECUESTA (SANTANDER)
7958	Dic 14 2017	11:01:48.9	4.77	-76.12	96	1.2	0.4	110	12	ARGELIA (VALLE)
7959	Dic 14 2017	11:10:18.8	5.02	-76.01	115	1.4	0.3	113	10	LA CELIA (RISARALDA)
7960	Dic 14 2017	11:25: 7.1	6.74	-73.12	141	1.5	0.4	267	7	LOS SANTOS (SANTANDER)
7961	Dic 14 2017	11:44:35.2	6.82	-76.24	Sup	2.0	0.6	161	20	URAMITA (ANTIOQUIA)
7962	Dic 14 2017	12:00: 1.2	8.24	-77.33	Sup	1.7	0.6	146	7	FRONTERA CON PANAMA
7963	Dic 14 2017	12:04:40.4	6.81	-76.22	Sup	1.5	0.6	175	12	URAMITA (ANTIOQUIA)
7964	Dic 14 2017	13:05:34.0	9.57	-73.77	86	2.5	0.4	59	38	EL PASO (CESAR)
7965	Dic 14 2017	16:45:20.7	6.08	-72.34	Sup	1.7	0.2	241	7	LA SALINA (CASANARE)
7966	Dic 14 2017	17:25:28.1	8.44	-73.05	155	2.1	0.5	158	18	EL TARRA (N.SANTANDER)
7967	Dic 14 2017	17:33:22.7	11.41	-73.94	15	2.1	0.6	213	11	MAR CARIBE
7968	Dic 14 2017	17:38:58.7	1.74	-76.30	Sup	1.2	0.4	182	8	SAN AGUSTIN (HUILA)
7969	Dic 14 2017	18:17:58.8	6.76	-73.13	139	1.5	0.1	159	9	LOS SANTOS (SANTANDER)
7970	Dic 14 2017	18:51: 3.3	2.46	-75.37	16	2.3	0.8	152	20	ALGECIRAS (HUILA)
7971	Dic 14 2017	19:15:42.0	3.60	-74.48	9	3.0	0.8	81	52	VILLARRICA (TOLIMA)
7972	Dic 14 2017	20:39:49.8	6.80	-73.16	144	2.1	0.5	64	23	LOS SANTOS (SANTANDER)
7973	Dic 14 2017	21:14:34.6	6.84	-76.28	Sup	2.3	0.6	101	26	URAMITA (ANTIOQUIA)
7974	Dic 14 2017	21:29:46.5	4.88	-76.10	114	1.6	0.3	88	16	EL AGUILA (VALLE)
7975	Dic 14 2017	22:24:35.6	8.26	-73.61	101	1.3	0.2	122	12	AGUACHICA (CESAR)
7976	Dic 14 2017	22:36:28.3	11.41	-72.79	29	1.8	0.1	223	7	MANAURE BALCON CESAR (CESAR)
7977	Dic 14 2017	22:49: 0.3	6.83	-76.23	Sup	1.5	0.6	175	14	URAMITA (ANTIOQUIA)
7978	Dic 14 2017	23:09:52.3	6.85	-76.29	Sup	2.5	0.7	102	31	URAMITA (ANTIOQUIA)
7979	Dic 15 2017	00:02: 1.7	6.84	-76.37	Sup	1.2	0.2	243	8	DABEIBA (ANTIOQUIA)
7980	Dic 15 2017	00:16:48.9	7.32	-75.15	Sup	1.5	0.4	147	8	ANORI (ANTIOQUIA)
7981	Dic 15 2017	01:31:26.0	6.87	-76.38	12	1.1	0.5	244	8	DABEIBA (ANTIOQUIA)
7982	Dic 15 2017	02:00:25.0	5.32	-73.83	156	1.7	0.4	239	13	UBATE (CUNDINAMARCA)
7983	Dic 15 2017	02:10:37.7	6.78	-72.96	27	1.2	0.5	324	7	CEPITA (SANTANDER)
7984	Dic 15 2017	02:46: 2.3	7.02	-76.32	13	1.3	0.7	242	10	DABEIBA (ANTIOQUIA)
7985	Dic 15 2017	03:10:27.2	6.54	-73.52	105	2.0	0.8	71	33	EL CARMEN (SANTANDER)
7986	Dic 15 2017	03:19:42.1	0.92	-76.77	Sup	1.2	0.5	178	14	VILLAGARZON (PUTUMAYO)
7987	Dic 15 2017	03:48:32.9	7.23	-76.18	Sup	1.8	0.7	82	17	DABEIBA (ANTIOQUIA)
7988	Dic 15 2017	05:20:23.3	6.85	-73.15	145	3.2	0.8	56	59	LOS SANTOS (SANTANDER)
7989	Dic 15 2017	05:46:13.7	9.02	-77.40	6	2.0	0.3	208	10	MAR CARIBE
7990	Dic 15 2017	06:25:33.4	6.83	-73.20	129	1.4	0.5	181	11	ZAPATOCA (SANTANDER)
7991	Dic 15 2017	07:04:36.1	6.84	-73.16	147	3.9	0.7	56	117	LOS SANTOS (SANTANDER)
7992	Dic 15 2017	07:28:10.3	6.76	-73.12	142	2.1	0.8	67	39	LOS SANTOS (SANTANDER)
7993	Dic 15 2017	07:35:45.3	6.86	-73.18	140	2.5	0.6	62	65	ZAPATOCA (SANTANDER)
7994	Dic 15 2017	07:47:47.4	6.79	-73.14	148	1.4	0.2	259	9	LOS SANTOS (SANTANDER)
7995	Dic 15 2017	08:16:52.8	5.10	-76.03	98	1.4	0.4	131	19	SANTUARIO (RISARALDA)
7996	Dic 15 2017	08:23:54.1	2.49	-77.14	Sup	1.2	0.4	201	10	ARGELIA (CAUCA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
7997	Dic 15 2017	08:27:19.4	6.74	-73.19	145	1.5	0.3	180	9	VILLANUEVA (SANTANDER)
7998	Dic 15 2017	08:46:21.4	6.70	-73.19	137	1.3	0.3	178	8	VILLANUEVA (SANTANDER)
7999	Dic 15 2017	09:40:46.8	8.06	-77.43	24	1.7	0.2	108	7	FRONTERA CON PANAMA
8000	Dic 15 2017	09:53:10.6	6.84	-73.16	141	2.0	0.5	63	22	ZAPATOCA (SANTANDER)
8001	Dic 15 2017	10:07: 5.4	6.83	-73.13	144	3.0	1.0	56	58	LOS SANTOS (SANTANDER)
8002	Dic 15 2017	10:19: 7.5	2.43	-75.63	Sup	0.8	0.3	135	9	GIGANTE (HUILA)
8003	Dic 15 2017	10:38:41.4	4.73	-76.08	84	1.6	0.5	70	16	ARGELIA (VALLE)
8004	Dic 15 2017	11:23:51.4	11.12	-73.55	28	1.6	0.6	185	12	PUEBLO BELLO (CESAR)
8005	Dic 15 2017	11:28:42.9	4.02	-76.84	47	1.5	0.2	124	7	BUENAVENTURA (VALLE)
8006	Dic 15 2017	13:28:45.5	7.41	-75.38	24	1.6	0.1	111	8	CACERES (ANTIOQUIA)
8007	Dic 15 2017	14:25: 7.4	6.79	-73.15	140	2.1	0.6	65	19	LOS SANTOS (SANTANDER)
8008	Dic 15 2017	15:04:42.1	6.77	-73.15	142	1.9	0.4	151	10	LOS SANTOS (SANTANDER)
8009	Dic 15 2017	16:33:51.7	4.45	-75.83	148	1.7	0.4	141	9	LA TEBAIDA (QUINDIO)
8010	Dic 15 2017	16:38:17.4	6.69	-73.12	141	1.9	0.4	110	10	JORDAN (SANTANDER)
8011	Dic 15 2017	16:52:26.3	6.88	-73.13	150	3.6	1.2	57	87	LOS SANTOS (SANTANDER)
8012	Dic 15 2017	18:05:33.8	7.28	-76.18	10	2.5	1.1	86	20	MUTATA (ANTIOQUIA)
8013	Dic 15 2017	18:49: 8.0	10.96	-72.76	Sup	2.4	0.9	157	12	MANAURE BALCON CESAR (CESAR)
8014	Dic 15 2017	19:48:55.3	9.69	-72.80	Sup	2.8	1.1	89	28	FRONTERA CON VENEZUELA
8015	Dic 15 2017	20:26:48.7	6.84	-73.15	146	2.5	0.3	64	29	LOS SANTOS (SANTANDER)
8016	Dic 15 2017	21:19: 1.6	6.01	-72.40	Sup	2.0	0.4	116	16	LA SALINA (CASANARE)
8017	Dic 15 2017	21:36:32.8	6.00	-72.39	8	2.1	0.6	117	13	LA SALINA (CASANARE)
8018	Dic 15 2017	22:06:59.6	3.75	-77.11	72	2.7	0.5	85	37	BUENAVENTURA (VALLE)
8019	Dic 15 2017	23:29:41.1	5.27	-73.76	156	2.2	0.5	111	22	CUCUNUBA (CUNDINAMARCA)
8020	Dic 16 2017	00:07:56.7	6.81	-73.13	146	2.0	0.5	85	24	LOS SANTOS (SANTANDER)
8021	Dic 16 2017	00:11:59.8	8.35	-76.81	55	1.9	0.4	177	10	MAR CARIBE
8022	Dic 16 2017	00:12:29.7	6.84	-73.14	151	2.6	0.4	56	55	LOS SANTOS (SANTANDER)
8023	Dic 16 2017	02:39:14.5	5.29	-73.74	146	1.9	0.3	92	22	LENGUAZQUE (CUNDINAMARCA)
8024	Dic 16 2017	02:50: 7.6	6.83	-73.15	141	2.6	0.5	56	48	LOS SANTOS (SANTANDER)
8025	Dic 16 2017	03:21: 6.3	6.82	-73.17	142	1.9	0.4	108	23	ZAPATOCA (SANTANDER)
8026	Dic 16 2017	03:42:14.3	6.84	-76.18	Sup	2.0	0.8	169	19	URAMITA (ANTIOQUIA)
8027	Dic 16 2017	03:45:25.0	8.22	-73.31	12	2.4	0.8	144	18	OCANA (N.SANTANDER)
8028	Dic 16 2017	03:56:56.7	6.79	-73.16	142	1.5	0.3	144	10	LOS SANTOS (SANTANDER)
8029	Dic 16 2017	03:57:30.2	6.78	-73.13	143	2.1	0.6	67	29	LOS SANTOS (SANTANDER)
8030	Dic 16 2017	04:01:14.0	6.83	-73.15	144	2.6	0.5	62	48	LOS SANTOS (SANTANDER)
8031	Dic 16 2017	04:47: 1.3	6.73	-73.13	141	1.4	0.3	161	8	LOS SANTOS (SANTANDER)
8032	Dic 16 2017	05:44: 5.4	4.47	-75.99	36	0.8	0.5	118	8	LA VICTORIA (VALLE)
8033	Dic 16 2017	06:16:19.2	2.79	-76.91	108	1.1	0.3	187	10	SUAREZ (CAUCA)
8034	Dic 16 2017	07:13:13.5	5.28	-73.72	152	2.3	0.7	54	43	LENGUAZQUE (CUNDINAMARCA)
8035	Dic 16 2017	07:21:46.8	3.82	-78.70	62	1.7	0.9	295	16	O. PACIFICO SUR
8036	Dic 16 2017	07:55:18.0	6.86	-73.18	143	1.8	0.3	72	18	ZAPATOCA (SANTANDER)
8037	Dic 16 2017	08:22:56.6	6.80	-73.17	144	1.9	0.4	117	24	LOS SANTOS (SANTANDER)
8038	Dic 16 2017	09:14:31.0	6.74	-73.13	144	1.0	0.4	160	8	LOS SANTOS (SANTANDER)
8039	Dic 16 2017	09:34:30.0	6.77	-73.12	148	1.7	0.5	122	21	LOS SANTOS (SANTANDER)
8040	Dic 16 2017	09:53:27.4	6.78	-73.16	136	2.2	0.6	81	32	LOS SANTOS (SANTANDER)
8041	Dic 16 2017	10:01:50.2	6.38	-76.63	8	1.5	0.3	170	11	VIGIA DEL FUERTE (ANTIOQUIA)
8042	Dic 16 2017	10:14:46.6	6.79	-73.15	137	1.4	0.4	147	10	LOS SANTOS (SANTANDER)
8043	Dic 16 2017	10:14:55.8	6.60	-72.95	145	1.5	0.4	248	8	CURITI (SANTANDER)
8044	Dic 16 2017	11:00:19.3	6.84	-73.33	120	1.6	0.4	97	12	BETULIA (SANTANDER)
8045	Dic 16 2017	12:00:56.0	6.76	-73.12	143	1.9	0.6	122	18	LOS SANTOS (SANTANDER)
8046	Dic 16 2017	13:04: 9.8	6.79	-73.16	143	1.7	0.4	145	10	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8047	Dic 16 2017	15:10:21.5	4.10	-75.34	9	1.4	0.3	134	17	ROVIRA (TOLIMA)
8048	Dic 16 2017	19:13:25.4	2.44	-75.60	Sup	1.6	0.4	127	13	GIGANTE (HUILA)
8049	Dic 16 2017	20:34: 6.2	8.52	-77.04	62	2.1	0.4	185	12	MAR CARIBE
8050	Dic 16 2017	20:45:55.2	6.81	-73.16	143	2.6	0.7	64	40	LOS SANTOS (SANTANDER)
8051	Dic 16 2017	22:01:10.8	5.50	-73.53	165	2.6	0.7	54	40	SAMACA (BOYACA)
8052	Dic 16 2017	22:30:14.3	9.89	-75.21	35	2.4	0.7	170	29	SAN JACINTO (BOLIVAR)
8053	Dic 16 2017	22:32:35.7	4.20	-76.30	130	1.9	0.7	73	30	TRUJILLO (VALLE)
8054	Dic 16 2017	22:45:29.0	6.77	-73.15	144	2.1	0.7	112	25	LOS SANTOS (SANTANDER)
8055	Dic 16 2017	23:01:34.7	8.60	-74.83	Sup	2.5	0.6	66	26	MAJAGUAL (SUCRE)
8056	Dic 16 2017	23:31:35.8	6.79	-73.11	142	2.0	0.5	115	20	LOS SANTOS (SANTANDER)
8057	Dic 16 2017	23:43:15.1	6.84	-73.16	149	2.6	0.8	56	45	LOS SANTOS (SANTANDER)
8058	Dic 17 2017	00:27: 8.7	2.72	-75.09	Sup	1.8	0.4	195	31	RIVERA (HUILA)
8059	Dic 17 2017	00:46:36.2	8.74	-73.38	Sup	1.2	0.1	179	7	EL CARMEN (N.SANTANDER)
8060	Dic 17 2017	02:07:17.3	6.96	-76.31	Sup	1.3	0.3	240	7	DABEIBA (ANTIOQUIA)
8061	Dic 17 2017	02:18:42.2	6.79	-73.17	131	1.7	0.5	140	18	LOS SANTOS (SANTANDER)
8062	Dic 17 2017	02:22:39.1	6.82	-73.17	140	2.0	0.3	63	25	ZAPATOCA (SANTANDER)
8063	Dic 17 2017	02:28:39.6	4.16	-75.27	Sup	1.0	0.4	165	7	ROVIRA (TOLIMA)
8064	Dic 17 2017	02:37:32.3	7.03	-76.29	Sup	1.1	0.6	240	8	DABEIBA (ANTIOQUIA)
8065	Dic 17 2017	02:53:23.0	6.79	-73.17	142	1.8	0.5	109	21	LOS SANTOS (SANTANDER)
8066	Dic 17 2017	03:00:32.5	6.79	-73.18	137	2.0	0.5	63	26	LOS SANTOS (SANTANDER)
8067	Dic 17 2017	03:02: 2.2	5.33	-73.73	156	1.7	0.6	53	31	LENGUAZAQUE (CUNDINAMARCA)
8068	Dic 17 2017	03:14:12.0	6.94	-76.16	Sup	1.3	0.4	157	8	URAMITA (ANTIOQUIA)
8069	Dic 17 2017	03:26: 2.6	2.32	-75.42	Sup	2.1	0.9	101	47	GIGANTE (HUILA)
8070	Dic 17 2017	05:16:51.8	1.91	-79.81	48	2.2	0.4	237	39	O. PACIFICO SUR
8071	Dic 17 2017	05:30:22.4	4.84	-76.23	108	1.6	0.5	134	17	EL CAIRO (VALLE)
8072	Dic 17 2017	06:00: 5.3	6.79	-73.12	153	1.4	0.3	157	9	LOS SANTOS (SANTANDER)
8073	Dic 17 2017	06:22:44.6	6.86	-74.06	66	1.9	0.6	73	26	YONDO (ANTIOQUIA)
8074	Dic 17 2017	07:32: 8.6	6.81	-73.26	140	1.3	0.5	191	13	ZAPATOCA (SANTANDER)
8075	Dic 17 2017	07:46:21.3	6.84	-73.14	144	3.0	0.7	56	80	LOS SANTOS (SANTANDER)
8076	Dic 17 2017	09:05:15.1	10.22	-73.01	126	1.7	0.5	179	18	MANAURE BALCON CESAR (CESAR)
8077	Dic 17 2017	09:32:59.1	5.45	-73.83	143	1.5	0.4	119	11	SUSA (CUNDINAMARCA)
8078	Dic 17 2017	09:41:51.4	4.22	-76.98	68	1.8	0.5	94	14	BUENAVENTURA (VALLE)
8079	Dic 17 2017	09:50:29.4	4.65	-76.08	98	1.1	0.5	119	14	TORO (VALLE)
8080	Dic 17 2017	09:51:13.5	6.00	-72.44	Sup	1.8	0.5	117	12	LA SALINA (CASANARE)
8081	Dic 17 2017	10:11:56.8	6.91	-73.16	146	1.0	0.4	254	8	BETULIA (SANTANDER)
8082	Dic 17 2017	11:06:18.2	6.55	-75.93	58	1.6	0.2	142	10	SANTA FE ANTIOQUIA (ANTIOQUIA)
8083	Dic 17 2017	11:12:51.8	6.81	-73.13	144	1.5	0.4	260	8	LOS SANTOS (SANTANDER)
8084	Dic 17 2017	12:13: 2.6	11.07	-73.57	21	1.8	0.8	150	14	PUEBLO BELLO (CESAR)
8085	Dic 17 2017	13:46:10.1	3.63	-74.39	9	1.6	0.5	156	15	CABRERA (CUNDINAMARCA)
8086	Dic 17 2017	15:31:26.3	6.82	-76.28	Sup	1.6	0.5	180	18	URAMITA (ANTIOQUIA)
8087	Dic 17 2017	15:49:44.3	6.84	-73.38	117	3.3	0.8	50	58	SAN VICENTE DE CHUCURI (SANTANDER)
8088	Dic 17 2017	15:54:26.0	6.86	-73.14	148	2.2	0.7	62	34	LOS SANTOS (SANTANDER)
8089	Dic 17 2017	16:32:47.7	7.19	-75.74	19	2.5	0.9	57	24	ITUANGO (ANTIOQUIA)
8090	Dic 17 2017	17:28:27.4	1.10	-78.89	67	2.0	0.5	201	20	FRONTERA CON ECUADOR
8091	Dic 17 2017	17:53: 6.9	6.78	-73.19	146	1.6	0.5	135	13	ZAPATOCA (SANTANDER)
8092	Dic 17 2017	18:12: 5.2	2.35	-75.42	18	1.5	0.6	175	15	GIGANTE (HUILA)
8093	Dic 17 2017	20:39:46.3	11.11	-72.81	Sup	1.8	0.4	286	10	MANAURE BALCON CESAR (CESAR)
8094	Dic 17 2017	20:43:25.6	10.63	-73.53	30	1.6	0.5	112	15	PUEBLO BELLO (CESAR)
8095	Dic 17 2017	21:49:34.2	3.36	-74.25	Sup	1.8	0.7	137	12	URIBE (META)
8096	Dic 17 2017	22:25:11.8	9.71	-72.93	12	2.0	0.2	192	9	FRONTERA CON VENEZUELA

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8097	Dic 18 2017	00:28: 8.5	5.29	-73.73	150	3.0	0.8	54	54	LENGUAZAQUE (CUNDINAMARCA)
8098	Dic 18 2017	00:33: 4.3	6.77	-73.16	137	1.9	0.6	110	24	LOS SANTOS (SANTANDER)
8099	Dic 18 2017	01:13:37.5	7.01	-76.31	9	1.4	0.5	241	10	DABEIBA (ANTIOQUIA)
8100	Dic 18 2017	02:20:44.8	8.46	-73.53	96	2.5	0.7	68	46	EL CARMEN (N.SANTANDER)
8101	Dic 18 2017	02:31:37.6	10.22	-73.11	111	1.5	0.3	182	9	SAN DIEGO (CESAR)
8102	Dic 18 2017	02:45:30.2	6.90	-73.19	137	1.4	0.4	283	10	BETULIA (SANTANDER)
8103	Dic 18 2017	03:19:53.9	6.83	-73.15	142	2.2	0.7	64	37	LOS SANTOS (SANTANDER)
8104	Dic 18 2017	03:31:37.8	6.81	-76.21	Sup	1.7	0.5	173	9	URAMITA (ANTIOQUIA)
8105	Dic 18 2017	03:31:52.9	6.83	-76.26	Sup	1.7	0.6	179	14	URAMITA (ANTIOQUIA)
8106	Dic 18 2017	03:33:25.5	6.84	-76.20	Sup	1.8	0.8	158	18	URAMITA (ANTIOQUIA)
8107	Dic 18 2017	03:49:19.6	6.84	-76.40	11	1.0	0.1	246	8	DABEIBA (ANTIOQUIA)
8108	Dic 18 2017	03:50:58.8	6.83	-76.28	16	0.9	0.4	219	8	URAMITA (ANTIOQUIA)
8109	Dic 18 2017	03:53:45.8	6.80	-73.09	149	1.6	0.4	211	12	LOS SANTOS (SANTANDER)
8110	Dic 18 2017	04:40: 3.4	5.31	-73.80	163	1.4	0.3	189	8	UBATE (CUNDINAMARCA)
8111	Dic 18 2017	04:41:57.8	6.82	-73.14	134	1.5	0.3	258	8	LOS SANTOS (SANTANDER)
8112	Dic 18 2017	05:17:57.7	2.37	-75.60	19	0.7	0.2	243	7	GIGANTE (HUILA)
8113	Dic 18 2017	05:29:47.0	6.84	-73.14	142	1.5	0.2	195	12	LOS SANTOS (SANTANDER)
8114	Dic 18 2017	05:36: 0.8	3.96	-74.05	16	1.1	0.3	185	10	CUBARRAL (META)
8115	Dic 18 2017	05:57:52.9	7.36	-71.97	Sup	1.8	0.7	128	15	FRONTERA CON VENEZUELA
8116	Dic 18 2017	06:12:17.1	6.84	-73.15	143	2.3	0.9	64	45	LOS SANTOS (SANTANDER)
8117	Dic 18 2017	07:04:12.7	1.95	-75.91	15	0.6	0.7	106	11	TIMANA (HUILA)
8118	Dic 18 2017	07:05:23.4	6.82	-73.09	142	1.5	0.3	209	10	LOS SANTOS (SANTANDER)
8119	Dic 18 2017	07:21:35.4	6.79	-73.20	130	1.1	0.4	179	8	ZAPATOCA (SANTANDER)
8120	Dic 18 2017	07:26:22.9	6.74	-73.18	146	1.2	0.3	184	8	VILLANUEVA (SANTANDER)
8121	Dic 18 2017	07:38:46.9	7.80	-77.58	6	1.7	0.6	132	10	FRONTERA CON PANAMA
8122	Dic 18 2017	07:38:50.4	6.78	-73.15	142	1.6	0.3	195	10	LOS SANTOS (SANTANDER)
8123	Dic 18 2017	07:57:43.8	2.08	-75.66	Sup	0.7	0.4	120	10	GARZON (HUILA)
8124	Dic 18 2017	08:00:49.4	7.12	-75.77	Sup	1.3	0.4	77	12	ITUANGO (ANTIOQUIA)
8125	Dic 18 2017	08:03:41.1	3.86	-76.96	81	1.7	0.4	291	14	BUENAVENTURA (VALLE)
8126	Dic 18 2017	08:22: 8.0	3.41	-76.92	38	1.1	0.5	213	10	DAGUA (VALLE)
8127	Dic 18 2017	08:39:58.1	4.85	-76.40	48	0.8	0.1	192	8	EL CAIRO (VALLE)
8128	Dic 18 2017	08:40:21.1	6.86	-73.29	120	1.8	0.5	107	31	BETULIA (SANTANDER)
8129	Dic 18 2017	08:53:31.8	4.74	-76.21	91	1.0	0.2	148	7	EL CAIRO (VALLE)
8130	Dic 18 2017	09:10:19.1	2.72	-75.07	Sup	1.0	0.2	196	9	RIVERA (HUILA)
8131	Dic 18 2017	09:23:18.5	6.79	-73.10	143	1.4	0.3	210	9	LOS SANTOS (SANTANDER)
8132	Dic 18 2017	11:55: 3.6	6.63	-73.15	158	1.7	0.1	219	7	VILLANUEVA (SANTANDER)
8133	Dic 18 2017	12:17: 4.8	6.81	-73.17	141	2.1	0.3	219	10	LOS SANTOS (SANTANDER)
8134	Dic 18 2017	12:39:38.5	4.67	-76.17	85	2.3	0.6	67	30	ARGELIA (VALLE)
8135	Dic 18 2017	14:06:53.1	6.85	-73.17	146	1.9	0.5	137	9	ZAPATOCA (SANTANDER)
8136	Dic 18 2017	14:09:17.8	6.44	-75.71	23	2.0	0.4	125	11	SAN JERONIMO (ANTIOQUIA)
8137	Dic 18 2017	14:42:40.0	6.89	-73.13	148	2.4	0.9	102	29	PIEDRECUESTA (SANTANDER)
8138	Dic 18 2017	15:01: 2.5	6.78	-73.16	142	2.0	0.6	147	11	LOS SANTOS (SANTANDER)
8139	Dic 18 2017	15:03:22.8	6.82	-73.16	144	1.7	0.4	143	9	LOS SANTOS (SANTANDER)
8140	Dic 18 2017	15:54:57.5	6.69	-73.12	147	1.4	0.3	175	7	JORDAN (SANTANDER)
8141	Dic 18 2017	16:40:12.1	6.84	-73.13	147	3.0	1.1	56	59	LOS SANTOS (SANTANDER)
8142	Dic 18 2017	17:06:27.7	6.75	-73.16	145	1.6	0.2	146	8	LOS SANTOS (SANTANDER)
8143	Dic 18 2017	18:18:25.9	6.81	-73.19	145	2.4	0.4	132	16	ZAPATOCA (SANTANDER)
8144	Dic 18 2017	18:39:33.8	6.76	-73.18	141	1.5	0.2	140	8	LOS SANTOS (SANTANDER)
8145	Dic 18 2017	19:37:30.9	6.84	-73.15	142	2.3	0.6	109	19	LOS SANTOS (SANTANDER)
8146	Dic 18 2017	20:24:54.1	5.73	-76.04	51	1.5	0.3	179	10	BETANIA (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8147	Dic 18 2017	21:00:28.8	6.79	-73.22	140	1.5	0.3	126	10	ZAPATOCA (SANTANDER)
8148	Dic 18 2017	21:08:29.9	5.30	-74.62	22	1.1	0.5	132	10	CAPARRAPI (CUNDINAMARCA)
8149	Dic 18 2017	21:30: 5.8	5.52	-78.00	47	1.8	0.2	337	8	O. PACIFICO NORTE
8150	Dic 18 2017	22:07:31.4	6.81	-73.17	136	2.0	0.4	141	20	LOS SANTOS (SANTANDER)
8151	Dic 18 2017	22:26:16.8	6.76	-73.16	141	2.0	0.4	146	17	LOS SANTOS (SANTANDER)
8152	Dic 18 2017	22:50:49.7	6.79	-73.18	141	1.6	0.3	136	13	ZAPATOCA (SANTANDER)
8153	Dic 19 2017	01:16:41.6	6.81	-73.37	113	1.6	0.5	136	13	SAN VICENTE DE CHUCURI (SANTANDER)
8154	Dic 19 2017	02:15:41.0	10.68	-72.65	6	1.3	0.4	246	8	FRONTERA CON VENEZUELA
8155	Dic 19 2017	02:19:45.8	6.76	-73.10	140	1.4	0.3	171	10	LOS SANTOS (SANTANDER)
8156	Dic 19 2017	02:20:58.9	5.23	-75.25	55	0.9	0.1	135	8	MARULANDA (CALDAS)
8157	Dic 19 2017	02:41:46.8	4.05	-76.31	114	0.9	0.2	159	8	SAN PEDRO (VALLE)
8158	Dic 19 2017	03:28:53.0	6.85	-73.14	142	1.7	0.5	146	16	LOS SANTOS (SANTANDER)
8159	Dic 19 2017	03:37:12.7	6.84	-76.25	Sup	1.4	0.6	177	12	URAMITA (ANTIOQUIA)
8160	Dic 19 2017	03:43:16.0	6.78	-73.14	142	1.8	0.5	87	21	LOS SANTOS (SANTANDER)
8161	Dic 19 2017	04:20: 9.7	4.75	-74.79	Sup	1.7	0.9	65	36	AMBALEMA (TOLIMA)
8162	Dic 19 2017	04:34:40.0	6.85	-73.15	138	1.6	0.4	144	12	LOS SANTOS (SANTANDER)
8163	Dic 19 2017	04:40:21.6	6.54	-73.52	104	1.7	0.7	71	28	EL CARMEN (SANTANDER)
8164	Dic 19 2017	05:56:49.0	5.56	-73.66	146	1.5	0.4	257	8	TINJACA (BOYACA)
8165	Dic 19 2017	06:02: 1.8	8.62	-73.65	21	1.0	0.5	234	8	PELAYA (CESAR)
8166	Dic 19 2017	06:41:26.3	6.76	-73.15	139	1.3	0.3	254	8	LOS SANTOS (SANTANDER)
8167	Dic 19 2017	06:50:18.7	6.80	-73.12	139	1.6	0.3	202	10	LOS SANTOS (SANTANDER)
8168	Dic 19 2017	06:54:16.7	6.68	-73.10	149	1.3	0.3	227	9	JORDAN (SANTANDER)
8169	Dic 19 2017	07:22:54.7	5.65	-74.05	110	1.0	0.4	207	8	SAN PABLO DE BORBUR (BOYACA)
8170	Dic 19 2017	07:24:23.7	6.70	-73.09	138	1.1	0.2	286	8	JORDAN (SANTANDER)
8171	Dic 19 2017	07:36:22.7	6.66	-73.18	139	1.3	0.4	240	8	VILLANUEVA (SANTANDER)
8172	Dic 19 2017	07:45:57.3	6.83	-73.21	130	1.2	0.2	240	8	ZAPATOCA (SANTANDER)
8173	Dic 19 2017	07:55: 0.2	3.23	-74.03	Sup	1.1	0.8	129	10	MESETAS (META)
8174	Dic 19 2017	07:59:38.7	4.29	-75.28	Sup	0.5	0.1	178	8	ROVIRA (TOLIMA)
8175	Dic 19 2017	08:26:46.3	10.30	-73.69	74	1.5	0.2	151	10	PUEBLO BELLO (CESAR)
8176	Dic 19 2017	08:34:43.0	6.79	-73.13	139	1.7	0.4	113	13	LOS SANTOS (SANTANDER)
8177	Dic 19 2017	08:54:32.3	1.98	-76.17	Sup	1.2	0.6	109	20	ISNOS (HUILA)
8178	Dic 19 2017	09:23:37.7	6.89	-73.03	138	1.3	0.3	277	8	PIEDRECUESTA (SANTANDER)
8179	Dic 19 2017	10:03:38.2	4.77	-76.21	104	1.2	0.3	142	11	EL CAIRO (VALLE)
8180	Dic 19 2017	10:16:19.2	7.38	-73.18	129	1.4	0.2	104	9	EL PLAYON (SANTANDER)
8181	Dic 19 2017	11:22:44.9	6.78	-73.17	144	1.5	0.0	142	7	LOS SANTOS (SANTANDER)
8182	Dic 19 2017	12:06:41.8	7.58	-74.02	23	1.7	0.4	184	10	SAN PABLO (BOLIVAR)
8183	Dic 19 2017	12:45:27.3	11.20	-73.48	Sup	2.1	0.7	164	10	PUEBLO BELLO (CESAR)
8184	Dic 19 2017	14:25:39.0	6.74	-73.15	143	1.3	0.2	154	7	LOS SANTOS (SANTANDER)
8185	Dic 19 2017	14:49:10.9	6.84	-73.11	144	2.4	0.7	103	26	LOS SANTOS (SANTANDER)
8186	Dic 19 2017	14:56:18.6	6.79	-73.14	135	1.8	0.5	150	11	LOS SANTOS (SANTANDER)
8187	Dic 19 2017	15:47:59.8	4.74	-76.09	99	2.4	0.8	60	33	ARGELIA (VALLE)
8188	Dic 19 2017	15:57: 1.3	6.83	-73.15	145	1.3	0.2	143	7	LOS SANTOS (SANTANDER)
8189	Dic 19 2017	16:04:56.4	7.33	-78.85	32	2.7	0.4	188	10	O. PACIFICO NORTE
8190	Dic 19 2017	16:11: 4.4	7.54	-73.05	150	1.5	0.1	140	7	EL PLAYON (SANTANDER)
8191	Dic 19 2017	16:53:25.8	4.34	-77.68	46	1.7	0.4	290	12	O. PACIFICO CENTRO
8192	Dic 19 2017	17:21: 7.4	6.16	-72.16	Sup	1.4	0.3	220	8	SACAMA (CASANARE)
8193	Dic 19 2017	18:16:15.6	7.41	-78.88	Sup	2.2	0.7	181	13	O. PACIFICO NORTE
8194	Dic 19 2017	19:21:44.4	7.32	-78.89	32	2.5	0.6	172	17	O. PACIFICO NORTE
8195	Dic 19 2017	21:50:27.9	6.78	-73.13	141	2.0	0.4	89	18	LOS SANTOS (SANTANDER)
8196	Dic 19 2017	21:55:26.6	7.30	-78.88	Sup	2.9	0.5	191	12	O. PACIFICO NORTE

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8197	Dic 20 2017	00:11:38.6	3.95	-71.35	Sup	1.9	0.4	309	8	PUERTO GAITAN (META)
8198	Dic 20 2017	00:19:32.6	10.09	-73.94	Sup	1.7	0.4	85	18	EL COPEY (CESAR)
8199	Dic 20 2017	01:09:13.1	6.88	-76.38	21	1.2	0.4	245	8	DABEIBA (ANTIOQUIA)
8200	Dic 20 2017	02:11:45.5	6.84	-73.12	145	2.4	0.7	56	41	LOS SANTOS (SANTANDER)
8201	Dic 20 2017	02:44:46.0	6.64	-73.19	150	1.5	0.6	151	17	BARICHARA (SANTANDER)
8202	Dic 20 2017	02:48:55.7	7.33	-78.96	32	2.2	0.4	173	14	O. PACIFICO NORTE
8203	Dic 20 2017	03:49: 3.4	6.81	-73.17	143	2.1	0.7	63	35	LOS SANTOS (SANTANDER)
8204	Dic 20 2017	04:09:17.8	7.09	-76.17	Sup	1.3	0.6	129	12	DABEIBA (ANTIOQUIA)
8205	Dic 20 2017	04:13:15.4	5.61	-73.88	132	1.5	0.5	110	14	CALDAS (BOYACA)
8206	Dic 20 2017	04:14:26.1	6.82	-73.15	142	2.0	0.7	65	28	LOS SANTOS (SANTANDER)
8207	Dic 20 2017	05:09:44.7	7.39	-78.24	Sup	2.1	0.7	137	11	O. PACIFICO NORTE
8208	Dic 20 2017	05:39: 8.7	6.12	-73.89	40	1.7	0.7	71	31	EL PENON (SANTANDER)
8209	Dic 20 2017	06:34:25.7	6.25	-77.53	18	1.6	0.3	239	7	O. PACIFICO NORTE
8210	Dic 20 2017	06:51:28.6	4.53	-76.32	119	1.1	0.4	183	10	EL DOVIO (VALLE)
8211	Dic 20 2017	07:04:11.0	6.75	-73.12	138	1.1	0.3	166	8	LOS SANTOS (SANTANDER)
8212	Dic 20 2017	07:08:31.4	6.86	-73.14	149	1.3	0.3	145	10	LOS SANTOS (SANTANDER)
8213	Dic 20 2017	07:19:39.3	6.77	-73.07	144	1.9	0.7	126	28	LOS SANTOS (SANTANDER)
8214	Dic 20 2017	08:58:39.7	6.72	-73.10	136	1.5	0.4	176	12	JORDAN (SANTANDER)
8215	Dic 20 2017	09:10:15.2	6.93	-76.37	Sup	1.1	0.7	244	10	DABEIBA (ANTIOQUIA)
8216	Dic 20 2017	09:23:12.9	6.85	-73.19	129	1.0	0.3	150	8	ZAPATOCA (SANTANDER)
8217	Dic 20 2017	09:40:38.1	0.62	-77.17	Sup	1.1	0.5	186	7	ORITO (PUTUMAYO)
8218	Dic 20 2017	10:05:44.1	6.82	-73.15	153	1.2	0.2	145	9	LOS SANTOS (SANTANDER)
8219	Dic 20 2017	10:26:14.9	6.83	-73.19	140	1.6	0.4	134	9	ZAPATOCA (SANTANDER)
8220	Dic 20 2017	12:09:31.9	6.79	-73.14	143	2.2	0.4	152	13	LOS SANTOS (SANTANDER)
8221	Dic 20 2017	12:22:28.5	7.34	-73.95	74	2.5	0.5	66	16	CANTAGALLO (BOLIVAR)
8222	Dic 20 2017	13:01:35.3	6.82	-73.17	140	2.0	0.6	140	9	ZAPATOCA (SANTANDER)
8223	Dic 20 2017	13:12:16.4	2.46	-75.52	Sup	1.4	0.3	147	9	GIGANTE (HUILA)
8224	Dic 20 2017	13:17:43.6	6.78	-73.14	141	1.8	0.5	113	9	LOS SANTOS (SANTANDER)
8225	Dic 20 2017	13:23:32.2	6.79	-73.15	142	1.5	0.2	148	6	LOS SANTOS (SANTANDER)
8226	Dic 20 2017	13:38:56.4	6.79	-73.13	147	1.4	0.2	155	7	LOS SANTOS (SANTANDER)
8227	Dic 20 2017	13:53:35.5	6.79	-73.17	135	2.1	0.5	110	12	LOS SANTOS (SANTANDER)
8228	Dic 20 2017	14:42:39.5	8.66	-77.25	30	2.3	0.8	158	16	MAR CARIBE
8229	Dic 20 2017	15:45:43.6	6.12	-74.30	Sup	2.2	0.7	86	15	PUERTO NARE (ANTIOQUIA)
8230	Dic 20 2017	20:08:56.4	6.79	-73.09	142	2.3	0.4	117	26	LOS SANTOS (SANTANDER)
8231	Dic 20 2017	20:34:58.7	6.75	-73.12	136	1.4	0.4	162	7	LOS SANTOS (SANTANDER)
8232	Dic 20 2017	20:43: 9.1	6.77	-73.16	143	1.8	0.2	148	11	LOS SANTOS (SANTANDER)
8233	Dic 20 2017	21:59:47.1	6.78	-73.13	140	1.5	0.0	154	8	LOS SANTOS (SANTANDER)
8234	Dic 20 2017	22:26:43.5	7.46	-73.42	116	1.8	0.5	92	18	SABANA DE TORRES (SANTANDER)
8235	Dic 20 2017	22:28:34.2	6.67	-73.13	145	1.3	0.3	174	7	VILLANUEVA (SANTANDER)
8236	Dic 20 2017	23:06:38.7	5.55	-75.65	90	1.5	0.3	88	15	CARAMANTA (ANTIOQUIA)
8237	Dic 20 2017	23:11:45.5	6.83	-73.16	145	3.4	0.6	55	90	LOS SANTOS (SANTANDER)
8238	Dic 21 2017	00:43:25.9	7.75	-75.24	14	2.1	0.8	138	15	CACERES (ANTIOQUIA)
8239	Dic 21 2017	02:02:19.6	6.84	-73.16	140	1.6	0.6	112	11	ZAPATOCA (SANTANDER)
8240	Dic 21 2017	02:19:10.5	1.79	-77.07	10	0.7	0.2	118	7	MERCADERES (CAUCA)
8241	Dic 21 2017	02:20:59.1	1.72	-76.62	Sup	0.3	0.5	215	8	SANTA ROSA (CAUCA)
8242	Dic 21 2017	03:08:19.6	5.14	-73.07	Sup	2.1	0.9	166	16	PAEZ (BOYACA)
8243	Dic 21 2017	03:39:49.3	6.80	-73.11	154	1.3	0.4	160	8	LOS SANTOS (SANTANDER)
8244	Dic 21 2017	04:02:36.7	4.47	-73.63	Sup	1.4	0.4	167	12	SAN JUANITO (META)
8245	Dic 21 2017	04:38:45.7	2.69	-75.08	Sup	1.3	0.5	196	17	RIVERA (HUILA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8246	Dic 21 2017	04:43: 5.1	2.45	-75.53	Sup	1.1	0.4	160	10	GIGANTE (HUILA)
8247	Dic 21 2017	04:56:32.2	2.44	-79.77	48	2.2	0.5	270	24	O. PACIFICO SUR
8248	Dic 21 2017	05:05:59.1	6.89	-73.28	120	2.2	0.5	71	19	BETULIA (SANTANDER)
8249	Dic 21 2017	05:20:15.1	4.68	-74.64	Sup	1.4	0.4	89	15	PULI (CUNDINAMARCA)
8250	Dic 21 2017	05:25: 2.9	3.26	-76.79	111	1.1	0.6	177	14	JAMUNDI (VALLE)
8251	Dic 21 2017	05:36:25.7	2.57	-77.13	Sup	0.5	0.2	205	8	LOPEZ (CAUCA)
8252	Dic 21 2017	05:55:51.1	6.81	-73.16	142	1.7	0.4	67	14	LOS SANTOS (SANTANDER)
8253	Dic 21 2017	06:23:18.5	11.15	-73.82	Sup	1.5	0.6	187	10	PUEBLO BELLO (CESAR)
8254	Dic 21 2017	06:24:14.2	1.76	-76.18	Sup	0.4	0.5	136	11	PALESTINA (HUILA)
8255	Dic 21 2017	06:29:24.4	6.79	-73.12	149	1.5	0.3	158	8	LOS SANTOS (SANTANDER)
8256	Dic 21 2017	06:32:28.9	9.97	-72.80	Sup	2.0	0.5	200	16	FRONTERA CON VENEZUELA
8257	Dic 21 2017	06:39: 8.3	4.88	-76.27	98	2.0	0.6	75	36	SAN JOSE DEL PALMAR (CHOCO)
8258	Dic 21 2017	06:46:12.6	6.77	-73.16	145	1.6	0.2	147	10	LOS SANTOS (SANTANDER)
8259	Dic 21 2017	07:08:35.2	7.46	-76.08	24	1.1	0.6	116	12	MUTATA (ANTIOQUIA)
8260	Dic 21 2017	07:11:35.3	8.90	-77.42	22	1.9	0.6	213	12	MAR CARIBE
8261	Dic 21 2017	07:27:42.9	3.82	-76.76	54	1.7	0.7	93	25	DAGUA (VALLE)
8262	Dic 21 2017	07:28:17.4	3.79	-76.75	50	1.5	0.4	135	8	DAGUA (VALLE)
8263	Dic 21 2017	07:38: 0.3	7.14	-72.98	172	3.3	1.3	65	68	TONA (SANTANDER)
8264	Dic 21 2017	07:41:25.9	5.53	-77.37	Sup	2.4	0.8	178	15	NUQUI (CHOCO)
8265	Dic 21 2017	08:03:59.9	6.83	-73.17	133	1.9	0.6	139	19	ZAPATOCA (SANTANDER)
8266	Dic 21 2017	08:46:45.0	6.65	-73.05	170	2.2	0.4	124	19	CURITI (SANTANDER)
8267	Dic 21 2017	08:49: 1.1	5.97	-74.19	Sup	1.1	0.7	179	9	LA BELLEZA (SANTANDER)
8268	Dic 21 2017	08:59: 6.6	6.76	-73.17	139	1.1	0.4	145	8	LOS SANTOS (SANTANDER)
8269	Dic 21 2017	09:58:47.6	4.60	-76.32	106	1.3	0.4	175	16	VERSALLES (VALLE)
8270	Dic 21 2017	10:46: 1.1	4.14	-76.36	Sup	1.0	0.2	194	7	RIOFRIO (VALLE)
8271	Dic 21 2017	11:26:34.7	6.47	-75.67	Sup	1.0	0.4	122	8	SAN JERONIMO (ANTIOQUIA)
8272	Dic 21 2017	12:18:18.0	4.14	-76.20	135	1.5	0.5	134	21	ANDALUCIA (VALLE)
8273	Dic 21 2017	12:51: 6.2	6.85	-73.14	142	2.2	0.6	62	20	LOS SANTOS (SANTANDER)
8274	Dic 21 2017	12:56:28.8	6.79	-73.13	136	1.5	0.4	154	8	LOS SANTOS (SANTANDER)
8275	Dic 21 2017	13:36: 7.8	2.48	-75.43	14	1.1	0.4	167	16	HOBO (HUILA)
8276	Dic 21 2017	13:53:48.7	5.08	-73.05	Sup	2.0	0.8	80	20	PAEZ (BOYACA)
8277	Dic 21 2017	14:06: 9.6	7.36	-74.04	15	2.0	0.8	75	20	CANTAGALLO (BOLIVAR)
8278	Dic 21 2017	14:13: 9.3	6.84	-73.18	138	2.5	0.7	55	37	ZAPATOCA (SANTANDER)
8279	Dic 21 2017	16:43: 4.3	6.89	-73.15	148	2.5	0.7	57	45	BETULIA (SANTANDER)
8280	Dic 21 2017	17:00:60.0	2.46	-75.46	15	1.8	0.4	161	16	GIGANTE (HUILA)
8281	Dic 21 2017	17:43:51.7	6.79	-73.14	142	1.8	0.6	150	16	LOS SANTOS (SANTANDER)
8282	Dic 21 2017	18:12: 2.7	6.83	-73.14	138	2.3	0.7	65	32	LOS SANTOS (SANTANDER)
8283	Dic 21 2017	18:26:23.8	6.54	-73.54	103	2.1	0.5	71	24	EL CARMEN (SANTANDER)
8284	Dic 21 2017	18:59:41.8	2.41	-76.00	Sup	1.4	0.6	108	12	LA PLATA (HUILA)
8285	Dic 21 2017	19:18:32.7	2.27	-75.79	Sup	1.0	0.5	92	12	PITAL (HUILA)
<u>8286</u>	<u>Dic 21 2017</u>	<u>19:26:39.6</u>	<u>4.25</u>	<u>-76.22</u>	<u>146</u>	<u>4.9*</u>	<u>1.0</u>	<u>44</u>	<u>132</u>	<u>BUGALAGRANDE (VALLE)</u>
8287	Dic 22 2017	01:00:48.8	6.84	-73.13	144	2.0	0.5	66	16	LOS SANTOS (SANTANDER)
8288	Dic 22 2017	01:25:13.6	7.38	-78.89	7	2.5	1.0	151	20	O. PACIFICO NORTE
8289	Dic 22 2017	01:45:16.3	7.35	-78.91	32	3.1	1.8	114	34	O. PACIFICO NORTE
8290	Dic 22 2017	01:47:49.6	7.30	-78.86	32	2.1	0.6	172	8	O. PACIFICO NORTE
8291	Dic 22 2017	01:49: 6.0	7.35	-78.85	32	2.3	0.3	168	7	O. PACIFICO NORTE
8292	Dic 22 2017	01:55:17.2	7.43	-78.87	Sup	2.8	1.1	145	15	O. PACIFICO NORTE
8293	Dic 22 2017	02:04:22.7	7.33	-78.84	32	2.2	0.4	170	10	O. PACIFICO NORTE
8294	Dic 22 2017	02:05:40.3	7.34	-78.86	32	2.4	0.7	152	13	O. PACIFICO NORTE

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8295	Dic 22 2017	02:10: 1.8	6.82	-73.18	141	1.6	0.4	107	14	ZAPATOCA (SANTANDER)
8296	Dic 22 2017	03:08: 8.1	6.18	-73.68	109	1.6	0.3	95	11	LA PAZ (SANTANDER)
8297	Dic 22 2017	03:17: 6.6	8.33	-72.91	152	1.4	0.2	182	9	HACARI (N.SANTANDER)
8298	Dic 22 2017	03:36:57.2	6.75	-73.15	140	1.1	0.2	152	7	LOS SANTOS (SANTANDER)
8299	Dic 22 2017	03:59:27.2	6.81	-76.70	11	1.4	0.5	143	10	MURINDO (ANTIOQUIA)
8300	Dic 22 2017	04:19:36.7	7.38	-78.88	Sup	2.2	1.0	151	16	O. PACIFICO NORTE
8301	Dic 22 2017	04:21:42.9	7.49	-78.96	114	2.2	0.4	158	11	O. PACIFICO NORTE
8302	Dic 22 2017	04:33:21.3	4.37	-75.25	19	1.0	0.2	139	8	IBAGUE (TOLIMA)
8303	Dic 22 2017	05:01:25.1	8.21	-74.30	15	1.4	0.2	199	7	MONTECRISTO (BOLIVAR)
8304	Dic 22 2017	05:04:10.2	6.80	-73.17	139	1.4	0.3	140	11	LOS SANTOS (SANTANDER)
8305	Dic 22 2017	05:25:48.2	2.65	-78.10	63	2.5	0.8	132	31	O. PACIFICO SUR
8306	Dic 22 2017	05:32:54.4	7.95	-73.53	102	1.4	0.8	98	14	SAN MARTIN (CESAR)
8307	Dic 22 2017	05:37:40.7	6.78	-73.18	141	1.7	0.5	138	14	ZAPATOCA (SANTANDER)
8308	Dic 22 2017	06:34: 2.1	6.82	-73.21	141	1.1	0.2	147	7	ZAPATOCA (SANTANDER)
8309	Dic 22 2017	07:02:43.1	5.30	-73.75	148	1.8	0.7	97	30	LENGUAZAQUE (CUNDINAMARCA)
8310	Dic 22 2017	07:03:56.0	6.76	-73.17	149	1.6	0.5	119	18	LOS SANTOS (SANTANDER)
8311	Dic 22 2017	07:05:34.0	5.26	-73.68	146	1.2	0.3	144	10	LENGUAZAQUE (CUNDINAMARCA)
8312	Dic 22 2017	07:14:57.6	4.36	-75.85	120	1.3	0.3	106	7	CAICEDONIA (VALLE)
8313	Dic 22 2017	07:48:43.0	6.81	-73.18	138	1.5	0.5	138	13	ZAPATOCA (SANTANDER)
8314	Dic 22 2017	07:58: 1.3	6.86	-73.18	148	1.3	0.4	134	11	ZAPATOCA (SANTANDER)
8315	Dic 22 2017	08:01:59.2	6.85	-73.29	126	1.5	0.5	97	13	BETULIA (SANTANDER)
8316	Dic 22 2017	08:02:27.1	7.41	-78.86	Sup	3.1	0.7	136	38	O. PACIFICO NORTE
8317	Dic 22 2017	08:30:15.1	2.51	-75.22	Sup	1.4	0.5	206	14	ALGECIRAS (HUILA)
8318	Dic 22 2017	08:36: 1.5	2.91	-74.73	Sup	1.4	0.6	174	14	BARAYA (HUILA)
8319	Dic 22 2017	09:00:57.4	6.75	-73.55	119	1.7	0.4	92	14	EL CARMEN (SANTANDER)
8320	Dic 22 2017	09:04:56.1	5.89	-74.13	Sup	1.1	0.5	112	11	LA BELLEZA (SANTANDER)
8321	Dic 22 2017	10:15:17.2	7.96	-73.21	134	1.4	0.3	162	11	ABREGO (N.SANTANDER)
8322	Dic 22 2017	10:42: 1.9	6.81	-73.14	136	1.3	0.3	151	10	LOS SANTOS (SANTANDER)
8323	Dic 22 2017	12:01:59.6	3.70	-74.30	Sup	3.1	0.9	135	59	CABRERA (CUNDINAMARCA)
8324	Dic 22 2017	12:43:48.4	7.35	-78.85	32	2.8	0.4	152	17	O. PACIFICO NORTE
8325	Dic 22 2017	13:36:21.2	9.45	-73.45	112	1.7	0.3	170	12	LA JAGUA DE IBIRICO (CESAR)
8326	Dic 22 2017	13:41:46.1	7.41	-78.85	Sup	3.0	0.9	175	12	O. PACIFICO NORTE
8327	Dic 22 2017	13:56:15.3	6.76	-73.17	137	1.7	0.4	144	10	LOS SANTOS (SANTANDER)
8328	Dic 22 2017	15:01:46.1	6.84	-76.70	Sup	2.1	0.7	127	17	MURINDO (ANTIOQUIA)
8329	Dic 22 2017	15:36:28.4	6.79	-73.15	143	1.8	0.4	147	14	LOS SANTOS (SANTANDER)
8330	Dic 22 2017	18:02:34.1	11.02	-72.78	Sup	2.4	0.8	152	15	MANAURE BALCON CESAR (CESAR)
8331	Dic 22 2017	18:13:15.7	6.79	-73.12	136	1.4	0.2	159	8	LOS SANTOS (SANTANDER)
8332	Dic 22 2017	18:16:19.2	7.72	-73.37	118	1.5	0.3	113	14	SAN ALBERTO (CESAR)
8333	Dic 22 2017	18:20:14.6	6.72	-73.11	136	1.6	0.2	173	8	JORDAN (SANTANDER)
8334	Dic 22 2017	18:47:17.8	4.73	-76.09	85	2.4	0.5	91	26	ARGELIA (VALLE)
8335	Dic 22 2017	19:10:23.3	6.85	-73.31	120	1.6	0.2	119	8	BETULIA (SANTANDER)
8336	Dic 22 2017	20:26:47.0	5.27	-73.71	146	2.4	0.5	55	37	LENGUAZAQUE (CUNDINAMARCA)
8337	Dic 22 2017	20:57:26.7	5.71	-72.56	Sup	1.6	0.6	155	13	PISVA (BOYACA)
8338	Dic 22 2017	21:29:13.0	9.98	-72.81	9	2.4	0.6	121	26	FRONTERA CON VENEZUELA
8339	Dic 22 2017	21:32:57.3	2.46	-75.49	Sup	1.3	0.3	164	9	GIGANTE (HUILA)
8340	Dic 22 2017	21:47:28.2	4.43	-76.80	27	1.7	0.4	176	7	SIPI (CHOCO)
8341	Dic 22 2017	22:32:37.0	6.83	-73.13	146	1.7	0.3	260	8	LOS SANTOS (SANTANDER)
8342	Dic 22 2017	23:02:18.1	2.83	-74.35	7	1.7	0.2	127	12	URIBE (META)
8343	Dic 22 2017	23:53:30.9	10.38	-73.45	25	1.5	0.4	221	11	PUEBLO BELLO (CESAR)
8344	Dic 23 2017	01:54:47.6	6.89	-76.28	Sup	1.4	0.4	226	9	DABEIBA (ANTIOQUIA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8345	Dic 23 2017	02:24:10.1	2.92	-74.77	Sup	1.3	0.4	232	10	BARAYA (HUILA)
8346	Dic 23 2017	02:58: 5.3	6.81	-73.12	151	2.4	0.8	67	44	LOS SANTOS (SANTANDER)
8347	Dic 23 2017	03:05:21.0	2.50	-75.95	Sup	2.0	0.6	79	28	INZA (CAUCA)
8348	Dic 23 2017	03:34:19.4	2.10	-75.71	21	0.8	0.1	239	8	ALTAMIRA (HUILA)
8349	Dic 23 2017	03:35: 0.9	6.84	-73.18	141	2.0	0.5	62	35	ZAPATOCA (SANTANDER)
8350	Dic 23 2017	04:44:38.5	5.62	-74.36	87	1.5	0.6	97	12	YACOPI (CUNDINAMARCA)
8351	Dic 23 2017	05:15:19.6	6.80	-73.14	139	2.0	0.8	66	32	LOS SANTOS (SANTANDER)
8352	Dic 23 2017	05:27:50.5	6.80	-76.21	Sup	1.2	0.5	194	11	FRONTINO (ANTIOQUIA)
8353	Dic 23 2017	06:05: 5.4	6.75	-76.66	Sup	1.5	0.9	196	14	MURINDO (ANTIOQUIA)
8354	Dic 23 2017	06:16:43.7	5.02	-74.55	14	1.1	0.4	191	8	GUADUAS (CUNDINAMARCA)
8355	Dic 23 2017	06:52:25.3	6.72	-73.14	145	1.2	0.3	159	8	JORDAN (SANTANDER)
8356	Dic 23 2017	06:58:31.2	6.81	-73.17	137	1.1	0.2	142	10	LOS SANTOS (SANTANDER)
8357	Dic 23 2017	07:06:12.0	7.03	-76.21	9	1.1	0.4	234	8	DABEIBA (ANTIOQUIA)
8358	Dic 23 2017	07:12:22.0	2.61	-76.84	16	0.7	0.2	161	10	EL TAMBO (CAUCA)
8359	Dic 23 2017	09:12: 9.5	6.84	-73.14	149	3.3	0.9	56	77	LOS SANTOS (SANTANDER)
8360	Dic 23 2017	09:15:38.2	4.71	-77.93	32	2.2	0.5	249	25	O. PACIFICO CENTRO
8361	Dic 23 2017	09:29: 5.6	4.55	-75.80	147	3.1	1.0	34	77	MONTENEGRO (QUINDIO)
8362	Dic 23 2017	09:43: 6.4	3.34	-76.23	Sup	1.1	0.6	97	17	FLORIDA (VALLE)
8363	Dic 23 2017	09:55: 6.6	2.98	-79.16	17	3.4	1.0	215	64	O. PACIFICO SUR
8364	Dic 23 2017	10:41:34.4	6.84	-73.17	141	2.0	0.6	132	17	ZAPATOCA (SANTANDER)
8365	Dic 23 2017	10:58:34.1	7.40	-78.85	Sup	2.3	0.7	167	13	O. PACIFICO NORTE
8366	Dic 23 2017	10:59: 8.7	7.40	-78.85	Sup	2.5	0.6	181	11	O. PACIFICO NORTE
8367	Dic 23 2017	11:03:13.9	6.82	-73.13	139	1.7	0.6	66	17	LOS SANTOS (SANTANDER)
8368	Dic 23 2017	11:13:12.4	6.72	-73.14	138	1.3	0.5	161	9	JORDAN (SANTANDER)
8369	Dic 23 2017	11:27:48.2	6.82	-73.16	141	1.5	0.3	144	10	LOS SANTOS (SANTANDER)
8370	Dic 23 2017	11:32:50.8	6.81	-73.14	152	2.1	0.8	111	25	LOS SANTOS (SANTANDER)
8371	Dic 23 2017	12:02:31.8	6.83	-73.19	142	1.5	0.3	147	8	ZAPATOCA (SANTANDER)
8372	Dic 23 2017	12:27:41.4	7.38	-73.19	129	1.4	0.2	182	7	EL PLAYON (SANTANDER)
8373	Dic 23 2017	12:45: 5.8	6.81	-73.16	141	1.7	0.4	145	11	LOS SANTOS (SANTANDER)
8374	Dic 23 2017	13:39:55.4	6.81	-73.17	142	1.7	0.3	249	8	ZAPATOCA (SANTANDER)
8375	Dic 23 2017	14:24:53.2	3.77	-77.18	62	2.5	1.2	96	44	BUENAVENTURA (VALLE)
8376	Dic 23 2017	15:19:18.2	7.72	-73.32	121	2.1	0.4	120	16	SAN ALBERTO (CESAR)
8377	Dic 23 2017	15:38: 4.5	6.68	-73.73	94	2.0	0.5	99	15	EL CARMEN (SANTANDER)
8378	Dic 23 2017	15:44:21.8	4.74	-77.66	27	1.9	0.6	259	16	O. PACIFICO CENTRO
8379	Dic 23 2017	16:12:59.2	4.25	-76.71	87	1.4	0.3	216	10	TRUJILLO (VALLE)
8380	Dic 23 2017	16:45:57.4	2.15	-76.04	Sup	1.4	0.4	181	8	LA ARGENTINA (HUILA)
8381	Dic 23 2017	19:04:28.3	3.87	-76.17	108	1.3	0.1	207	8	BUGA (VALLE)
8382	Dic 23 2017	19:38:26.1	4.79	-76.18	100	1.4	0.2	130	8	EL CAIRO (VALLE)
8383	Dic 23 2017	19:50:25.5	5.29	-73.77	151	1.8	0.5	90	20	UBATE (CUNDINAMARCA)
8384	<u>Dic 23 2017</u>	<u>20:41:26.2</u>	<u>6.83</u>	<u>-76.32</u>	<u>Sup</u>	<u>4.3*</u>	<u>1.3</u>	<u>41</u>	<u>89</u>	<u>URAMITA (ANTIOQUIA)</u>
8385	Dic 23 2017	21:53:24.7	6.71	-73.12	136	1.8	0.5	116	10	JORDAN (SANTANDER)
8386	Dic 23 2017	22:23:54.7	7.41	-78.87	6	2.7	0.8	164	18	O. PACIFICO NORTE
8387	Dic 23 2017	22:30:54.2	6.75	-73.14	135	1.7	0.4	156	9	LOS SANTOS (SANTANDER)
8388	Dic 23 2017	23:31:58.3	6.79	-73.16	140	2.1	0.6	64	19	LOS SANTOS (SANTANDER)
8389	Dic 24 2017	00:14:20.9	5.49	-76.52	19	0.9	0.3	256	7	LLORO (CHOCO)
8390	Dic 24 2017	00:59:50.7	2.29	-75.68	Sup	1.5	0.9	89	18	AGRADO (HUILA)
8391	Dic 24 2017	01:17:34.0	6.80	-73.12	142	1.8	0.5	113	11	LOS SANTOS (SANTANDER)
8392	Dic 24 2017	01:35:19.3	6.82	-73.13	139	2.1	0.6	66	22	LOS SANTOS (SANTANDER)
8393	Dic 24 2017	03:06:34.8	6.84	-73.16	136	1.0	0.2	140	6	ZAPATOCA (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8394	Dic 24 2017	03:14:12.4	1.88	-76.01	Sup	0.7	0.2	170	7	PITALITO (HUILA)
8395	Dic 24 2017	03:47: 1.7	4.28	-76.47	102	2.2	0.6	124	35	TRUJILLO (VALLE)
8396	Dic 24 2017	03:52: 8.8	2.34	-79.44	12	1.7	0.6	278	16	O. PACIFICO SUR
8397	Dic 24 2017	03:59: 2.5	6.76	-76.56	Sup	1.7	0.7	211	14	MURINDO (ANTIOQUIA)
8398	Dic 24 2017	04:23:49.3	4.17	-76.94	72	1.2	0.4	155	8	BUENAVENTURA (VALLE)
8399	Dic 24 2017	04:30:56.1	6.48	-74.05	31	1.8	0.7	98	10	PUERTO PARRA (SANTANDER)
8400	Dic 24 2017	04:39:34.3	6.83	-76.19	Sup	1.5	0.4	187	10	URAMITA (ANTIOQUIA)
8401	Dic 24 2017	04:50:43.7	3.86	-76.76	103	4.0*	1.4	46	111	DAGUA (VALLE)
8402	Dic 24 2017	05:48:12.4	7.90	-73.16	136	1.5	0.4	165	10	ABREGO (N.SANTANDER)
8403	Dic 24 2017	06:37:47.9	2.78	-76.93	110	1.4	0.5	175	18	SUAREZ (CAUCA)
8404	Dic 24 2017	07:11:19.7	6.36	-72.34	Sup	1.1	0.5	165	9	EL COCUCY (BOYACA)
8405	Dic 24 2017	07:13:20.5	6.85	-73.16	149	1.4	0.6	77	17	ZAPATOCA (SANTANDER)
8406	Dic 24 2017	08:40:31.3	6.73	-73.17	131	1.0	0.2	144	8	VILLANUEVA (SANTANDER)
8407	Dic 24 2017	09:23:52.3	6.83	-73.17	145	2.4	0.5	63	56	ZAPATOCA (SANTANDER)
8408	Dic 24 2017	09:43: 8.2	6.86	-73.20	141	1.4	0.4	180	11	ZAPATOCA (SANTANDER)
8409	Dic 24 2017	09:45: 0.6	6.69	-73.20	138	0.9	0.1	229	5	VILLANUEVA (SANTANDER)
8410	Dic 24 2017	10:26:25.8	3.39	-75.15	Sup	1.2	0.6	155	12	VILLAVIEJA (HUILA)
8411	Dic 24 2017	11:01:19.9	7.58	-73.82	32	2.1	0.4	95	20	SAN PABLO (BOLIVAR)
8412	Dic 24 2017	11:06:22.4	2.54	-75.40	18	1.4	0.3	171	12	HOBO (HUILA)
8413	Dic 24 2017	11:21:11.7	5.28	-73.75	154	2.4	0.7	54	38	CUCUNUBA (CUNDINAMARCA)
8414	Dic 24 2017	11:39: 6.1	4.78	-74.64	Sup	1.3	0.2	252	8	SAN JUAN DE RIOSECO (CUNDINAMARCA)
8415	Dic 24 2017	12:00:35.0	7.44	-73.30	124	1.4	0.3	105	10	EL PLAYON (SANTANDER)
8416	Dic 24 2017	12:20:52.8	1.70	-76.32	Sup	3.0	1.0	75	52	PALESTINA (HUILA)
8417	Dic 24 2017	13:15:22.8	6.80	-73.20	136	1.9	0.6	106	20	ZAPATOCA (SANTANDER)
8418	Dic 24 2017	13:55:56.9	4.49	-75.68	9	0.8	0.4	90	15	ARMENIA (QUINDIO)
8419	Dic 24 2017	16:12: 3.3	6.80	-73.15	134	1.7	0.5	145	15	LOS SANTOS (SANTANDER)
8420	Dic 24 2017	16:22: 9.0	6.87	-73.33	122	2.0	0.7	54	30	BETULIA (SANTANDER)
8421	Dic 24 2017	16:30: 3.9	6.84	-73.15	141	1.9	0.5	145	18	LOS SANTOS (SANTANDER)
8422	Dic 24 2017	16:41:42.5	6.79	-73.15	143	1.5	0.3	147	10	LOS SANTOS (SANTANDER)
8423	Dic 24 2017	17:40:11.5	8.68	-73.74	84	2.0	0.4	113	28	PELAYA (CESAR)
8424	Dic 24 2017	18:32:47.1	3.88	-76.27	101	2.0	0.6	69	24	BUGA (VALLE)
8425	Dic 24 2017	19:33: 8.3	6.40	-72.98	133	1.7	0.3	204	10	MOGOTES (SANTANDER)
8426	Dic 24 2017	19:41:51.2	9.47	-73.51	87	2.1	0.6	127	12	CHIRIGUANA (CESAR)
8427	Dic 24 2017	20:06: 6.4	4.72	-76.18	98	1.3	0.4	134	7	EL CAIRO (VALLE)
8428	Dic 24 2017	20:53:25.3	11.76	-72.81	15	2.0	0.4	208	13	MAR CARIBE
8429	Dic 24 2017	21:30:28.3	6.79	-73.16	138	1.8	0.5	145	18	LOS SANTOS (SANTANDER)
8430	Dic 24 2017	21:44:52.3	2.47	-75.55	11	1.7	0.4	72	22	GIGANTE (HUILA)
8431	Dic 24 2017	21:56:45.0	3.89	-71.42	Sup	2.1	0.6	284	10	PUERTO GAITAN (META)
8432	Dic 24 2017	21:58:54.1	6.78	-73.15	145	1.8	0.2	220	8	LOS SANTOS (SANTANDER)
8433	Dic 24 2017	22:42:59.4	7.09	-76.16	Sup	1.6	0.8	124	12	DABEIBA (ANTIOQUIA)
8434	Dic 24 2017	23:00:57.4	6.81	-73.18	139	2.5	0.5	62	46	ZAPATOCA (SANTANDER)
8435	Dic 24 2017	23:13:53.8	5.32	-73.73	141	1.5	0.3	175	17	LENGUAZAQUE (CUNDINAMARCA)
8436	Dic 24 2017	23:39:24.9	6.79	-73.16	143	2.6	0.4	64	46	LOS SANTOS (SANTANDER)
8437	Dic 24 2017	23:49:46.2	6.80	-73.16	136	0.9	0.2	217	8	LOS SANTOS (SANTANDER)
8438	Dic 25 2017	00:09:48.7	6.81	-73.14	140	2.0	0.7	65	37	LOS SANTOS (SANTANDER)
8439	Dic 25 2017	00:58:36.5	6.83	-73.17	148	1.6	0.6	108	17	ZAPATOCA (SANTANDER)
8440	Dic 25 2017	01:28:34.0	6.85	-73.12	144	2.4	0.8	57	50	LOS SANTOS (SANTANDER)
8441	Dic 25 2017	01:45:13.8	3.61	-74.48	Sup	1.9	1.0	80	34	VILLARRICA (TOLIMA)
8442	Dic 25 2017	02:50:39.7	6.75	-73.16	140	1.4	0.2	149	10	LOS SANTOS (SANTANDER)

*Magnitud de Momento (Mw)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8443	Dic 25 2017	02:54: 9.4	6.72	-73.12	143	1.3	0.2	227	8	JORDAN (SANTANDER)
8444	Dic 25 2017	03:08:27.3	6.32	-73.74	104	1.8	0.5	82	23	LANDAZURI (SANTANDER)
8445	Dic 25 2017	03:33:11.1	2.69	-74.77	Sup	1.0	0.6	142	13	RIVERA (HUILA)
8446	Dic 25 2017	04:07:44.7	6.82	-73.15	147	2.5	0.7	55	62	LOS SANTOS (SANTANDER)
8447	Dic 25 2017	04:49:18.2	6.78	-73.19	149	1.3	0.3	134	14	ZAPATOCA (SANTANDER)
8448	Dic 25 2017	05:18:48.3	1.91	-77.42	121	0.8	0.2	245	7	LEIVA (NARINO)
8449	Dic 25 2017	05:22:18.6	5.91	-74.69	Sup	0.9	0.5	185	8	PUERTO TRIUNFO (ANTIOQUIA)
8450	Dic 25 2017	06:15:44.8	2.65	-78.12	14	1.9	1.0	137	21	O. PACIFICO SUR
8451	Dic 25 2017	06:23:46.7	6.86	-73.20	137	1.7	0.7	128	26	ZAPATOCA (SANTANDER)
8452	Dic 25 2017	06:38:55.6	6.88	-73.15	143	2.2	0.8	77	33	BETULIA (SANTANDER)
8453	Dic 25 2017	06:40: 7.3	6.79	-73.15	136	1.6	0.6	82	19	LOS SANTOS (SANTANDER)
8454	Dic 25 2017	06:49:42.7	5.89	-72.11	60	3.1	0.8	150	42	TAMARA (CASANARE)
8455	Dic 25 2017	07:46:45.2	6.83	-73.15	140	1.4	0.5	143	12	LOS SANTOS (SANTANDER)
8456	Dic 25 2017	07:58:37.5	7.36	-73.29	120	1.4	0.4	94	11	EL PLAYON (SANTANDER)
8457	Dic 25 2017	08:06:25.2	6.78	-73.16	148	1.3	0.3	146	10	LOS SANTOS (SANTANDER)
8458	Dic 25 2017	08:13:41.0	6.76	-73.15	143	1.1	0.3	152	9	LOS SANTOS (SANTANDER)
8459	Dic 25 2017	08:19:10.9	8.39	-71.95	Sup	2.2	0.8	232	11	FRONTERA CON VENEZUELA
8460	Dic 25 2017	08:57:41.4	5.67	-75.48	Sup	1.2	0.7	120	9	AGUADAS (CALDAS)
8461	Dic 25 2017	08:58:54.2	6.08	-73.72	119	2.2	0.7	39	40	CHIPATA (SANTANDER)
8462	Dic 25 2017	09:11:48.8	6.17	-76.24	71	1.2	0.4	256	8	URRAO (ANTIOQUIA)
8463	Dic 25 2017	09:21:55.0	6.85	-73.20	138	1.4	0.3	128	13	ZAPATOCA (SANTANDER)
8464	Dic 25 2017	09:35:30.0	6.60	-73.74	99	1.0	0.3	150	8	EL CARMEN (SANTANDER)
8465	Dic 25 2017	09:42:42.5	10.58	-73.66	69	2.0	0.4	104	20	PUEBLO BELLO (CESAR)
8466	Dic 25 2017	09:49:35.5	6.83	-73.11	147	1.9	0.9	68	29	LOS SANTOS (SANTANDER)
8467	Dic 25 2017	10:04:46.1	6.85	-73.14	146	2.4	0.8	56	50	LOS SANTOS (SANTANDER)
8468	Dic 25 2017	10:28:21.4	4.74	-74.72	Sup	0.7	0.3	242	8	AMBALEMA (TOLIMA)
8469	Dic 25 2017	11:59:39.5	6.83	-73.14	146	2.0	0.6	65	25	LOS SANTOS (SANTANDER)
8470	Dic 25 2017	12:38: 6.4	6.73	-73.13	148	1.2	0.2	161	8	LOS SANTOS (SANTANDER)
8471	Dic 25 2017	14:00:41.0	6.85	-73.15	147	3.1	0.8	56	70	LOS SANTOS (SANTANDER)
8472	Dic 25 2017	15:15:41.2	5.79	-76.06	Sup	1.5	0.7	159	13	CIUDAD BOLIVAR (ANTIOQUIA)
8473	Dic 25 2017	15:32:13.2	8.18	-74.20	25	1.8	0.3	78	16	SANTA ROSA DEL SUR (BOLIVAR)
8474	Dic 25 2017	15:36:32.7	6.84	-73.17	137	2.1	0.4	138	23	ZAPATOCA (SANTANDER)
8475	Dic 25 2017	16:12:28.1	11.46	-73.10	16	3.4	0.8	183	56	MAR CARIBE
8476	Dic 25 2017	17:18:43.4	9.38	-77.86	48	2.7	0.4	175	29	MAR CARIBE
8477	Dic 25 2017	18:06:49.9	8.57	-73.39	101	1.3	0.5	139	20	EL CARMEN (N.SANTANDER)
8478	Dic 25 2017	18:22:13.1	6.84	-73.18	129	1.4	0.3	136	12	ZAPATOCA (SANTANDER)
8479	Dic 25 2017	20:26:18.7	6.75	-73.13	150	1.5	0.3	160	9	LOS SANTOS (SANTANDER)
8480	Dic 25 2017	21:13:15.9	6.88	-73.14	141	2.1	0.8	102	19	LOS SANTOS (SANTANDER)
8481	Dic 25 2017	21:55:19.3	3.79	-71.46	Sup	2.4	0.2	285	12	PUERTO GAITAN (META)
8482	Dic 25 2017	22:23:45.9	6.84	-73.17	148	1.6	0.5	137	11	ZAPATOCA (SANTANDER)
8483	Dic 25 2017	22:31: 0.4	6.76	-73.09	146	1.6	0.5	102	13	LOS SANTOS (SANTANDER)
8484	Dic 25 2017	22:38:52.7	6.79	-73.16	144	1.5	0.2	145	7	LOS SANTOS (SANTANDER)
8485	Dic 25 2017	23:01:35.1	8.94	-72.75	7	1.6	0.1	211	10	TIBU (N.SANTANDER)
8486	Dic 25 2017	23:35: 3.3	2.11	-76.79	Sup	0.9	0.1	110	11	LA SIERRA (CAUCA)
8487	Dic 26 2017	01:29:34.1	6.79	-73.15	143	1.4	0.4	148	10	LOS SANTOS (SANTANDER)
8488	Dic 26 2017	01:59:20.0	5.62	-73.49	167	2.1	0.7	51	34	CHIQUEZA (BOYACA)
8489	Dic 26 2017	02:09: 2.3	6.82	-73.23	137	1.0	0.0	123	8	ZAPATOCA (SANTANDER)
8490	Dic 26 2017	02:11:58.5	6.64	-74.08	Sup	1.5	0.5	86	13	PUERTO PARRA (SANTANDER)
8491	Dic 26 2017	02:47:10.9	6.65	-74.06	Sup	0.9	0.3	160	7	PUERTO PARRA (SANTANDER)
8492	Dic 26 2017	03:05:39.9	6.80	-73.18	136	1.8	0.6	108	22	ZAPATOCA (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8493	Dic 26 2017	03:15:12.7	6.75	-73.12	148	1.5	0.5	122	18	LOS SANTOS (SANTANDER)
8494	Dic 26 2017	03:35:54.1	6.80	-73.13	144	1.6	0.4	66	16	LOS SANTOS (SANTANDER)
8495	Dic 26 2017	03:40: 7.6	6.82	-73.15	139	1.6	0.3	144	16	LOS SANTOS (SANTANDER)
8496	Dic 26 2017	03:42:47.8	6.81	-73.17	152	1.5	0.4	140	14	ZAPATOCA (SANTANDER)
8497	Dic 26 2017	03:49: 5.3	6.75	-73.15	146	0.9	0.3	153	8	LOS SANTOS (SANTANDER)
8498	Dic 26 2017	03:49:56.4	7.83	-73.24	124	1.4	0.3	141	14	SAN ALBERTO (CESAR)
8499	Dic 26 2017	04:20:55.4	6.75	-73.13	145	1.4	0.5	93	15	LOS SANTOS (SANTANDER)
8500	Dic 26 2017	05:23: 8.4	6.82	-73.16	146	1.4	0.4	78	16	LOS SANTOS (SANTANDER)
8501	Dic 26 2017	05:33: 0.6	6.84	-73.16	146	1.5	0.5	77	15	ZAPATOCA (SANTANDER)
8502	Dic 26 2017	05:47:54.8	8.91	-73.39	116	1.0	0.2	165	10	PAILITAS (CESAR)
8503	Dic 26 2017	06:25: 9.0	6.74	-73.13	144	1.6	0.4	162	14	LOS SANTOS (SANTANDER)
8504	Dic 26 2017	07:01:46.6	6.83	-73.13	145	1.2	0.5	151	10	LOS SANTOS (SANTANDER)
8505	Dic 26 2017	08:20:15.9	6.18	-73.65	120	1.2	0.3	168	8	LA PAZ (SANTANDER)
8506	Dic 26 2017	08:24:39.6	4.94	-76.11	103	1.1	0.4	110	10	EL AGUILA (VALLE)
8507	Dic 26 2017	08:33: 5.4	6.87	-73.41	113	1.1	0.2	138	8	SAN VICENTE DE CHUCURI (SANTANDER)
8508	Dic 26 2017	09:13:33.6	6.79	-73.15	149	2.5	0.4	65	16	LOS SANTOS (SANTANDER)
8509	Dic 26 2017	09:21:35.1	6.13	-73.76	100	1.1	0.4	160	10	LANDAZURI (SANTANDER)
8510	Dic 26 2017	10:02:17.0	10.32	-73.16	115	1.4	0.3	163	10	SAN DIEGO (CESAR)
8511	Dic 26 2017	10:31: 6.5	6.52	-73.46	109	1.6	0.4	57	20	SIMACOTA (SANTANDER)
8512	Dic 26 2017	10:41:54.5	5.79	-77.94	43	2.0	0.2	221	9	O. PACIFICO NORTE
8513	Dic 26 2017	11:33:49.2	8.28	-74.14	26	1.7	0.2	170	10	ARENAL (BOLIVAR)
8514	Dic 26 2017	12:26:17.0	6.89	-74.68	Sup	1.4	0.4	164	8	REMEDIOS (ANTIOQUIA)
8515	Dic 26 2017	12:32:54.9	6.75	-73.17	142	1.3	0.2	145	8	LOS SANTOS (SANTANDER)
8516	Dic 26 2017	13:28:36.1	10.80	-73.29	80	1.7	0.4	131	9	LA PAZ (CESAR)
8517	Dic 26 2017	13:37:16.2	6.34	-76.57	Sup	2.0	0.4	129	16	VIGIA DEL FUERTE (ANTIOQUIA)
8518	Dic 26 2017	13:56: 6.8	6.88	-76.30	Sup	1.5	0.3	232	9	DABEIBA (ANTIOQUIA)
8519	Dic 26 2017	14:21: 4.0	6.73	-73.14	143	1.6	0.3	158	9	LOS SANTOS (SANTANDER)
8520	Dic 26 2017	14:43:53.6	6.82	-73.18	146	1.5	0.3	135	9	ZAPATOCA (SANTANDER)
8521	Dic 26 2017	15:00: 2.5	6.72	-73.17	142	1.7	0.4	82	16	VILLANUEVA (SANTANDER)
8522	Dic 26 2017	15:51:36.0	6.80	-73.16	143	1.8	0.3	145	12	LOS SANTOS (SANTANDER)
8523	Dic 26 2017	17:02:32.8	2.73	-75.14	Sup	1.8	0.3	201	10	RIVERA (HUILA)
8524	Dic 26 2017	19:01:52.3	5.79	-73.90	107	2.0	0.5	162	20	ALBANIA (SANTANDER)
8525	Dic 26 2017	19:47:19.3	6.87	-73.14	149	2.9	0.5	57	44	LOS SANTOS (SANTANDER)
8526	Dic 26 2017	20:15:43.8	7.01	-76.33	Sup	1.6	0.5	243	9	DABEIBA (ANTIOQUIA)
8527	Dic 26 2017	21:36:45.0	6.50	-74.79	47	2.0	0.3	86	16	MACEO (ANTIOQUIA)
8528	Dic 26 2017	21:41: 2.0	5.71	-78.31	85	1.8	0.2	296	10	O. PACIFICO NORTE
8529	Dic 26 2017	21:53:35.7	6.83	-73.19	144	1.5	0.3	134	7	ZAPATOCA (SANTANDER)
8530	Dic 26 2017	22:28:49.1	8.21	-73.57	108	2.1	0.3	131	15	AGUACHICA (CESAR)
8531	Dic 26 2017	23:44:46.5	6.83	-76.53	Sup	1.4	0.4	206	8	MURINDO (ANTIOQUIA)
8532	Dic 26 2017	23:45:25.9	4.11	-76.64	62	1.7	0.4	124	17	CALIMA (VALLE)
8533	Dic 26 2017	23:47:47.5	5.80	-75.05	Sup	1.4	0.6	136	13	ARGELIA (ANTIOQUIA)
8534	Dic 26 2017	23:51:59.5	5.00	-76.41	89	0.9	0.6	196	10	SAN JOSE DEL PALMAR (CHOCO)
8535	Dic 27 2017	01:05:45.4	2.24	-75.44	18	1.4	0.8	176	17	GIGANTE (HUILA)
8536	Dic 27 2017	01:51:15.6	6.81	-73.14	143	1.4	0.4	83	12	LOS SANTOS (SANTANDER)
8537	Dic 27 2017	02:11:40.9	4.85	-76.34	31	1.2	0.4	187	9	EL CAIRO (VALLE)
8538	Dic 27 2017	02:14:54.3	7.45	-73.15	132	1.4	0.4	114	14	EL PLAYON (SANTANDER)
8539	Dic 27 2017	03:10:40.9	6.80	-73.13	148	1.9	0.5	66	28	LOS SANTOS (SANTANDER)
8540	Dic 27 2017	04:10:34.2	6.75	-73.13	146	1.5	0.3	203	11	LOS SANTOS (SANTANDER)
8541	Dic 27 2017	04:25:17.8	6.84	-73.17	137	1.7	0.5	63	20	ZAPATOCA (SANTANDER)
8542	Dic 27 2017	04:34:20.1	6.79	-73.14	147	1.3	0.3	180	11	LOS SANTOS (SANTANDER)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8543	Dic 27 2017	04:48:36.6	3.82	-76.91	44	1.3	0.2	125	10	BUENAVENTURA (VALLE)
8544	Dic 27 2017	05:20:46.7	6.82	-73.18	139	1.8	0.4	73	22	ZAPATOCA (SANTANDER)
8545	Dic 27 2017	05:35:23.5	7.15	-75.79	17	0.9	0.3	132	10	ITUANGO (ANTIOQUIA)
8546	Dic 27 2017	06:25:22.5	6.88	-73.16	144	1.9	0.5	75	24	BETULIA (SANTANDER)
8547	Dic 27 2017	06:35:11.1	5.31	-72.89	Sup	1.2	0.6	101	10	CHAMEZA (CASANARE)
8548	Dic 27 2017	06:43:41.4	6.90	-73.15	146	2.2	0.7	63	38	BETULIA (SANTANDER)
8549	Dic 27 2017	06:51:46.0	6.79	-73.14	138	1.5	0.6	85	17	LOS SANTOS (SANTANDER)
8550	Dic 27 2017	07:07:44.1	6.13	-76.44	Sup	1.4	0.3	203	10	URRAO (ANTIOQUIA)
8551	Dic 27 2017	07:41:50.3	3.36	-77.60	Sup	1.1	0.6	131	16	O. PACIFICO SUR
8552	Dic 27 2017	08:07:17.7	6.89	-76.42	6	1.5	0.2	248	8	DABEIBA (ANTIOQUIA)
8553	Dic 27 2017	08:59:14.8	6.81	-73.13	145	1.4	0.3	260	10	LOS SANTOS (SANTANDER)
8554	Dic 27 2017	09:14:45.2	3.95	-71.51	Sup	1.9	0.7	280	7	PUERTO GAITAN (META)
8555	Dic 27 2017	09:16:12.3	6.56	-73.54	20	1.3	0.4	125	10	EL CARMEN (SANTANDER)
8556	Dic 27 2017	09:28:56.9	6.79	-73.15	150	2.0	0.4	65	30	LOS SANTOS (SANTANDER)
8557	Dic 27 2017	10:09:47.8	4.58	-75.81	132	1.5	0.4	83	16	MONTENEGRO (QUINDIO)
8558	Dic 27 2017	14:36:56.2	6.71	-73.13	144	1.9	0.4	164	8	JORDAN (SANTANDER)
8559	Dic 27 2017	14:43:46.3	6.77	-73.16	142	1.6	0.3	147	8	LOS SANTOS (SANTANDER)
8560	Dic 27 2017	15:42:27.7	6.77	-73.17	144	1.7	0.3	143	9	LOS SANTOS (SANTANDER)
8561	Dic 27 2017	15:46:30.1	11.11	-72.73	Sup	1.6	0.3	150	8	MANAURE BALCON CESAR (CESAR)
8562	Dic 27 2017	15:54:37.2	6.74	-73.14	134	2.1	0.4	103	20	LOS SANTOS (SANTANDER)
8563	Dic 27 2017	16:24: 4.7	6.86	-73.29	117	1.9	0.4	119	13	BETULIA (SANTANDER)
8564	Dic 27 2017	16:32:44.6	2.72	-75.75	Sup	3.0	0.6	51	43	IQUIRA (HUILA)
8565	Dic 27 2017	16:39:28.3	9.19	-77.77	17	1.9	0.3	235	8	MAR CARIBE
8566	Dic 27 2017	17:04:47.1	5.89	-74.82	9	1.3	0.2	189	8	PUERTO TRIUNFO (ANTIOQUIA)
8567	Dic 27 2017	17:09:36.9	2.93	-79.29	18	2.7	0.5	288	33	O. PACIFICO SUR
8568	Dic 27 2017	17:42:31.0	6.82	-73.19	146	1.7	0.2	112	9	ZAPATOCA (SANTANDER)
8569	Dic 27 2017	17:50:37.7	6.78	-73.16	132	1.8	0.3	144	10	LOS SANTOS (SANTANDER)
8570	Dic 27 2017	19:31:19.2	8.79	-72.84	Sup	2.2	0.4	112	19	TIBU (N.SANTANDER)
8571	Dic 27 2017	21:15:32.0	7.81	-73.54	113	1.7	0.2	223	8	SAN ALBERTO (CESAR)
8572	Dic 27 2017	21:32:23.2	6.75	-73.18	135	1.5	0.1	138	8	LOS SANTOS (SANTANDER)
8573	Dic 27 2017	21:56:50.6	1.99	-75.93	Sup	1.1	0.2	136	7	TIMANA (HUILA)
8574	Dic 27 2017	23:00:41.5	6.78	-73.17	122	1.1	0.3	143	6	LOS SANTOS (SANTANDER)
8575	Dic 27 2017	23:06: 1.8	8.77	-77.41	20	2.2	0.8	196	9	MAR CARIBE
8576	Dic 27 2017	23:20:39.9	6.82	-73.16	147	2.5	0.5	64	38	LOS SANTOS (SANTANDER)
8577	Dic 27 2017	23:33:52.7	4.85	-76.25	108	1.2	0.2	138	9	EL CAIRO (VALLE)
8578	Dic 27 2017	23:46:55.1	5.61	-74.38	79	1.5	0.3	152	12	YACOPI (CUNDINAMARCA)
8579	Dic 28 2017	01:26:56.3	6.43	-73.49	12	1.4	0.5	153	14	CONTRATAACION (SANTANDER)
8580	Dic 28 2017	01:29: 9.6	2.71	-75.06	Sup	2.1	1.1	104	32	RIVERA (HUILA)
8581	Dic 28 2017	02:28:51.5	4.52	-76.35	110	1.3	0.5	129	17	EL DOVIO (VALLE)
8582	Dic 28 2017	02:35:50.1	6.75	-73.09	146	1.4	0.4	174	14	LOS SANTOS (SANTANDER)
8583	Dic 28 2017	03:29:57.0	4.23	-73.85	Sup	1.3	0.6	115	10	GUAYABETAL (CUNDINAMARCA)
8584	Dic 28 2017	04:05:36.7	3.93	-76.98	42	1.6	0.3	115	12	BUENAVENTURA (VALLE)
8585	Dic 28 2017	05:14: 4.3	4.40	-76.79	24	1.3	0.5	155	16	SIPI (CHOCO)
8586	Dic 28 2017	05:42:35.1	3.00	-74.75	6	1.1	0.3	258	8	BARAYA (HUILA)
8587	Dic 28 2017	06:04: 0.9	6.87	-73.05	138	1.3	0.3	275	8	PIEDRECUESTA (SANTANDER)
8588	Dic 28 2017	06:33: 3.5	6.76	-73.15	134	1.4	0.5	150	16	LOS SANTOS (SANTANDER)
8589	Dic 28 2017	07:33:11.8	6.82	-73.05	144	1.1	0.4	279	8	LOS SANTOS (SANTANDER)
8590	Dic 28 2017	07:47:25.9	6.84	-76.73	Sup	2.6	1.2	58	54	MURINDO (ANTIOQUIA)
8591	Dic 28 2017	08:54:27.8	3.51	-75.50	Sup	1.3	0.6	107	28	RIOBLANCO (TOLIMA)
8592	Dic 28 2017	09:14:29.9	4.49	-76.20	Sup	0.7	0.6	154	10	EL DOVIO (VALLE)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8593	Dic 28 2017	09:26:34.3	6.76	-73.16	144	1.7	0.3	82	15	LOS SANTOS (SANTANDER)
8594	Dic 28 2017	10:00:48.6	6.77	-73.15	148	2.0	0.7	65	30	LOS SANTOS (SANTANDER)
8595	Dic 28 2017	10:59:43.6	7.29	-76.26	Sup	1.1	0.2	247	9	MUTATA (ANTIOQUIA)
8596	Dic 28 2017	11:26:59.4	6.36	-73.67	106	1.7	0.3	78	20	SANTA HELENA DEL OPOON (SANTANDER)
8597	Dic 28 2017	11:40:53.3	9.65	-73.38	111	1.5	0.3	147	10	LA JAGUA DE IBIRICO (CESAR)
8598	Dic 28 2017	12:21:55.6	6.82	-73.19	142	2.1	0.5	107	19	ZAPATOCA (SANTANDER)
8599	Dic 28 2017	12:55:32.7	3.88	-71.66	Sup	2.3	0.5	270	9	PUERTO GAITAN (META)
8600	Dic 28 2017	14:07:43.6	6.90	-73.33	125	2.8	0.7	57	40	BETULIA (SANTANDER)
8601	Dic 28 2017	15:30: 4.9	5.79	-76.67	14	1.9	0.4	274	7	QUIBDO (CHOCO)
8602	Dic 28 2017	16:08: 1.5	6.72	-73.16	142	1.4	0.2	150	7	VILLANUEVA (SANTANDER)
8603	Dic 28 2017	16:20:10.5	6.72	-73.15	137	1.5	0.3	154	8	VILLANUEVA (SANTANDER)
8604	Dic 28 2017	16:35:21.3	8.01	-73.53	107	2.3	0.6	86	21	SAN MARTIN (CESAR)
8605	Dic 28 2017	18:48:44.0	5.65	-73.98	114	2.9	0.7	41	46	PAUNA (BOYACA)
8606	Dic 28 2017	19:04:27.1	5.92	-74.88	Sup	1.4	0.5	155	8	SAN LUIS (ANTIOQUIA)
8607	Dic 28 2017	19:13:53.8	11.04	-72.72	Sup	3.0	0.5	221	19	MANAURE BALCON CESAR (CESAR)
8608	Dic 28 2017	20:24:41.6	9.56	-72.86	Sup	2.1	0.7	176	14	FRONTERA CON VENEZUELA
8609	Dic 28 2017	21:20: 6.3	5.64	-73.91	Sup	1.4	0.8	182	10	BRICENO (BOYACA)
8610	Dic 28 2017	23:52:49.5	6.85	-73.20	147	1.4	0.4	130	7	ZAPATOCA (SANTANDER)
8611	Dic 29 2017	00:25: 6.4	6.85	-73.17	146	2.3	0.7	62	34	ZAPATOCA (SANTANDER)
8612	Dic 29 2017	00:59:46.6	6.74	-73.13	143	2.1	0.6	67	26	LOS SANTOS (SANTANDER)
8613	Dic 29 2017	01:45:44.0	6.27	-74.25	32	1.1	0.3	153	7	PUERTO BERRIO (ANTIOQUIA)
8614	Dic 29 2017	02:43:12.2	11.16	-73.93	Sup	2.0	0.5	188	8	PUEBLO BELLO (CESAR)
8615	Dic 29 2017	03:46:24.1	6.78	-73.14	138	1.3	0.4	87	12	LOS SANTOS (SANTANDER)
8616	Dic 29 2017	04:37:12.3	6.99	-76.35	7	1.0	0.2	268	8	DABEIBA (ANTIOQUIA)
8617	Dic 29 2017	04:58:11.6	3.91	-76.85	Sup	1.7	0.7	109	22	BUENAVENTURA (VALLE)
8618	Dic 29 2017	05:25:53.0	2.38	-75.60	21	1.2	0.2	188	9	GIGANTE (HUILA)
8619	Dic 29 2017	05:29: 4.2	3.92	-76.86	25	1.1	0.4	111	10	BUENAVENTURA (VALLE)
8620	Dic 29 2017	05:50:17.0	6.82	-73.16	139	1.6	0.4	142	14	LOS SANTOS (SANTANDER)
8621	Dic 29 2017	06:36:34.0	3.95	-76.86	Sup	1.3	0.6	114	9	BUENAVENTURA (VALLE)
8622	Dic 29 2017	06:50:16.6	6.84	-73.20	138	1.3	0.4	129	14	ZAPATOCA (SANTANDER)
8623	Dic 29 2017	07:03:33.9	6.86	-73.27	122	1.5	0.5	162	10	BETULIA (SANTANDER)
8624	Dic 29 2017	07:04:46.9	2.13	-76.81	Sup	0.6	0.4	124	10	LA SIERRA (CAUCA)
8625	Dic 29 2017	07:29:38.2	3.65	-76.87	Sup	1.4	0.6	138	13	DAGUA (VALLE)
8626	Dic 29 2017	07:51:58.2	6.83	-73.13	144	1.4	0.4	150	13	LOS SANTOS (SANTANDER)
8627	Dic 29 2017	07:58:36.4	10.68	-72.70	96	1.7	0.1	238	10	FRONTERA CON VENEZUELA
8628	Dic 29 2017	08:43:52.4	7.32	-73.33	128	1.3	0.4	87	11	SABANA DE TORRES (SANTANDER)
8629	Dic 29 2017	09:02:31.3	5.38	-73.83	144	1.2	0.4	290	8	FUQUENE (CUNDINAMARCA)
8630	Dic 29 2017	09:31:12.2	11.30	-72.60	61	1.6	0.5	322	9	MANAURE BALCON CESAR (CESAR)
8631	Dic 29 2017	10:05:12.7	6.88	-73.15	143	1.8	0.6	63	18	BETULIA (SANTANDER)
8632	Dic 29 2017	10:41:18.0	4.43	-76.29	122	1.2	0.1	163	8	EL DOVIO (VALLE)
8633	Dic 29 2017	13:53: 9.5	6.77	-73.15	143	1.5	0.2	151	7	LOS SANTOS (SANTANDER)
8634	Dic 29 2017	15:11:16.2	6.82	-73.17	146	1.8	0.4	108	16	ZAPATOCA (SANTANDER)
8635	Dic 29 2017	15:49:56.1	7.20	-76.17	Sup	1.6	0.4	138	10	DABEIBA (ANTIOQUIA)
8636	Dic 29 2017	16:11:12.2	6.80	-73.13	140	1.5	0.3	154	8	LOS SANTOS (SANTANDER)
8637	Dic 29 2017	16:39:52.9	7.31	-76.08	7	2.0	0.6	121	16	PEQUE (ANTIOQUIA)
8638	Dic 29 2017	17:41:37.2	8.45	-73.76	32	1.7	0.2	148	8	GAMARRA (CESAR)
8639	Dic 29 2017	18:14: 0.1	6.90	-75.77	Sup	1.8	0.3	92	10	SABANALARGA (ANTIOQUIA)
8640	Dic 29 2017	18:42:20.8	7.33	-78.02	Sup	2.3	0.3	256	7	O. PACIFICO NORTE
8641	Dic 29 2017	20:30:25.3	6.80	-73.14	148	2.2	0.6	112	27	LOS SANTOS (SANTANDER)
8642	Dic 29 2017	20:33:23.2	11.73	-72.62	51	1.7	0.2	202	12	URIBIA (La GUAJIRA)

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8643	Dic 29 2017	21:45:18.8	6.79	-73.16	135	1.3	0.4	145	8	LOS SANTOS (SANTANDER)
8644	Dic 29 2017	23:12:27.9	6.72	-73.15	137	1.5	0.1	154	7	VILLANUEVA (SANTANDER)
8645	Dic 30 2017	00:35:41.4	4.21	-78.73	38	1.7	0.6	279	14	O. PACIFICO CENTRO
8646	Dic 30 2017	00:40:16.3	3.76	-76.85	96	1.5	0.5	104	14	DAGUA (VALLE)
8647	Dic 30 2017	00:51:40.3	6.83	-74.19	49	1.6	0.4	71	21	PUERTO PARRA (SANTANDER)
8648	Dic 30 2017	00:59: 3.2	6.81	-73.12	146	2.3	0.8	113	32	LOS SANTOS (SANTANDER)
8649	Dic 30 2017	01:18:28.0	11.85	-72.55	42	2.2	0.2	311	12	MAR CARIBE
8650	Dic 30 2017	01:22:49.6	7.42	-75.77	21	3.0	1.0	58	54	ITUANGO (ANTIOQUIA)
8651	Dic 30 2017	02:48:51.8	6.73	-73.40	126	1.3	0.4	136	8	EL CARMEN (SANTANDER)
8652	Dic 30 2017	03:04:24.3	6.78	-73.13	142	1.6	0.5	156	15	LOS SANTOS (SANTANDER)
8653	Dic 30 2017	04:05:34.5	6.84	-73.16	145	2.0	0.6	79	28	LOS SANTOS (SANTANDER)
8654	Dic 30 2017	04:08:48.0	9.88	-72.89	Sup	1.9	0.4	194	10	FRONTERA CON VENEZUELA
8655	Dic 30 2017	04:36:48.6	6.84	-73.16	146	2.3	0.6	64	32	LOS SANTOS (SANTANDER)
8656	Dic 30 2017	05:12:55.1	6.51	-73.48	112	1.4	0.6	138	12	SIMACOTA (SANTANDER)
8657	Dic 30 2017	05:15: 3.8	3.61	-75.70	Sup	1.4	0.4	118	16	RIOBLANCO (TOLIMA)
8658	Dic 30 2017	05:29:23.0	5.12	-74.66	14	1.2	0.6	81	20	GUADUAS (CUNDINAMARCA)
8659	Dic 30 2017	06:02:22.1	4.29	-77.88	25	1.5	0.5	266	10	O. PACIFICO CENTRO
8660	Dic 30 2017	06:25:58.8	6.78	-73.15	144	1.3	0.3	148	12	LOS SANTOS (SANTANDER)
8661	Dic 30 2017	06:28: 7.9	2.33	-75.34	26	1.1	0.5	213	13	ALGECIRAS (HUILA)
8662	Dic 30 2017	07:19:12.9	6.79	-73.15	144	1.5	0.3	147	12	LOS SANTOS (SANTANDER)
8663	Dic 30 2017	07:47:54.0	6.83	-73.14	146	2.7	1.0	56	60	LOS SANTOS (SANTANDER)
8664	Dic 30 2017	08:11:31.7	6.58	-73.34	119	1.1	0.2	147	8	HATO (SANTANDER)
8665	Dic 30 2017	08:36: 3.9	6.80	-73.14	137	1.5	0.4	150	10	LOS SANTOS (SANTANDER)
8666	Dic 30 2017	09:00:56.8	6.81	-73.16	149	1.0	0.4	143	7	LOS SANTOS (SANTANDER)
8667	Dic 30 2017	09:32:52.6	3.52	-74.19	Sup	1.4	0.3	200	11	LEJANIAS (META)
8668	Dic 30 2017	09:40:36.7	6.80	-73.16	145	1.4	0.4	145	10	LOS SANTOS (SANTANDER)
8669	Dic 30 2017	09:44:19.1	6.73	-73.13	143	0.8	0.4	163	7	JORDAN (SANTANDER)
8670	Dic 30 2017	09:49:17.9	2.01	-77.21	117	1.2	0.4	196	10	BALBOA (CAUCA)
8671	Dic 30 2017	10:10:19.5	6.80	-73.17	145	1.8	0.2	109	18	LOS SANTOS (SANTANDER)
8672	Dic 30 2017	10:15:14.6	6.81	-76.11	Sup	1.1	0.5	162	10	FRONTINO (ANTIOQUIA)
8673	Dic 30 2017	11:00:46.7	6.81	-73.18	139	1.5	0.2	137	12	ZAPATOCA (SANTANDER)
8674	Dic 30 2017	11:13:49.1	6.99	-73.20	143	1.1	0.3	128	8	GIRON (SANTANDER)
8675	Dic 30 2017	11:20:25.0	6.79	-73.12	152	2.1	0.4	121	24	LOS SANTOS (SANTANDER)
8676	Dic 30 2017	11:33:41.0	6.82	-73.12	145	1.7	0.3	218	8	LOS SANTOS (SANTANDER)
8677	Dic 30 2017	11:58:36.3	8.30	-77.10	23	1.8	0.7	140	16	UNGUIA (CHOCO)
8678	Dic 30 2017	12:15:21.6	6.56	-73.59	17	1.2	0.4	122	10	EL CARMEN (SANTANDER)
8679	Dic 30 2017	12:24:40.9	7.40	-73.16	131	1.5	0.3	109	10	EL PLAYON (SANTANDER)
8680	Dic 30 2017	12:38: 8.4	6.75	-73.18	146	1.4	0.2	141	8	LOS SANTOS (SANTANDER)
8681	Dic 30 2017	13:02:19.9	10.94	-73.55	56	1.3	0.2	135	8	PUEBLO BELLO (CESAR)
8682	Dic 30 2017	13:06:55.8	3.93	-76.85	87	2.4	0.7	68	26	BUENAVENTURA (VALLE)
8683	Dic 30 2017	13:52: 7.4	6.82	-73.14	148	2.5	0.6	65	40	LOS SANTOS (SANTANDER)
8684	Dic 30 2017	14:12:37.4	6.94	-76.26	12	1.6	0.5	175	13	DABEIBA (ANTIOQUIA)
8685	Dic 30 2017	16:46:22.9	7.20	-76.35	27	1.5	0.4	251	8	MUTATA (ANTIOQUIA)
8686	Dic 30 2017	17:22:15.0	1.63	-76.06	Sup	1.0	0.2	155	9	PALESTINA (HUILA)
8687	Dic 30 2017	17:29:31.9	3.54	-75.68	Sup	2.0	0.5	84	29	RIOBLANCO (TOLIMA)
8688	Dic 30 2017	18:13: 5.6	6.87	-73.47	101	1.5	0.3	117	10	SAN VICENTE DE CHUCURI (SANTANDER)
8689	Dic 30 2017	20:02:25.2	4.23	-76.68	Sup	1.5	0.6	140	10	CALIMA (VALLE)
8690	Dic 30 2017	20:38:50.8	3.80	-76.89	23	1.1	0.3	135	8	BUENAVENTURA (VALLE)
8691	Dic 30 2017	20:40:43.7	3.50	-74.59	Sup	1.0	0.2	326	8	COLOMBIA (HUILA)
8692	Dic 30 2017	21:06:52.1	9.72	-72.91	Sup	1.8	0.5	194	10	FRONTERA CON VENEZUELA

Cuadro 2: (continuación)

N	FECHA	H.M.S	LAT	LONG	Z	MAG	RMS	GAP	NF	UBICACION
8693	Dic 30 2017	21:31:17.0	6.82	-73.15	135	2.2	0.5	64	26	LOS SANTOS (SANTANDER)
8694	Dic 30 2017	22:40:26.6	11.08	-72.22	96	2.4	0.3	288	10	FRONTERA CON VENEZUELA
8695	Dic 30 2017	22:43:26.4	4.74	-73.13	Sup	1.4	0.4	195	8	SAN LUIS DE GACENO (BOYACA)
8696	Dic 30 2017	23:02:52.0	6.69	-73.11	142	1.4	0.3	181	8	JORDAN (SANTANDER)
8697	Dic 30 2017	23:21:28.7	6.76	-77.55	Sup	2.8	0.8	106	44	JURADO (CHOCO)
8698	Dic 30 2017	23:34: 2.2	7.08	-77.16	25	2.3	0.8	78	31	RIOSUCIO (CHOCO)
8699	Dic 31 2017	00:26:53.8	6.80	-73.14	138	2.1	0.7	65	33	LOS SANTOS (SANTANDER)
8700	Dic 31 2017	00:33:43.8	6.82	-73.16	144	2.0	0.4	64	20	LOS SANTOS (SANTANDER)
8701	Dic 31 2017	01:19:27.9	7.42	-73.21	128	1.8	0.5	107	17	EL PLAYON (SANTANDER)
8702	Dic 31 2017	01:21:39.3	6.75	-73.18	140	1.5	0.4	139	13	LOS SANTOS (SANTANDER)
8703	Dic 31 2017	01:23:25.1	3.90	-76.22	114	1.6	0.5	68	21	BUGA (VALLE)
8704	Dic 31 2017	01:27:46.3	2.33	-75.42	Sup	1.8	0.6	176	28	GIGANTE (HUILA)
8705	Dic 31 2017	03:13:27.1	7.80	-74.75	Sup	1.6	0.5	84	12	EL BAGRE (ANTIOQUIA)
8706	Dic 31 2017	03:26:31.8	3.93	-76.52	84	1.3	0.4	117	7	CALIMA (VALLE)
8707	Dic 31 2017	03:41:42.1	6.72	-77.61	21	2.4	0.9	124	28	O. PACIFICO NORTE
8708	Dic 31 2017	03:45:15.5	4.45	-76.37	111	1.4	0.4	178	14	EL DOVIO (VALLE)
8709	Dic 31 2017	04:25:59.3	6.88	-73.36	117	1.4	0.3	93	11	SAN VICENTE DE CHUCURI (SANTANDER)
8710	Dic 31 2017	04:52: 8.6	6.75	-73.11	146	1.6	0.5	123	19	LOS SANTOS (SANTANDER)
8711	Dic 31 2017	05:27:18.0	6.25	-76.02	24	1.3	0.3	161	8	URRAO (ANTIOQUIA)
8712	Dic 31 2017	05:32:58.3	6.77	-73.15	144	1.6	0.7	151	21	LOS SANTOS (SANTANDER)
8713	Dic 31 2017	05:37:33.2	6.86	-73.13	144	2.4	0.9	57	38	LOS SANTOS (SANTANDER)
8714	Dic 31 2017	06:01:57.2	6.87	-73.14	150	2.7	0.7	57	52	LOS SANTOS (SANTANDER)
8715	Dic 31 2017	06:11:18.2	6.84	-73.15	146	2.5	0.8	101	39	LOS SANTOS (SANTANDER)
8716	Dic 31 2017	06:18:20.6	6.82	-73.16	141	1.9	0.6	64	26	LOS SANTOS (SANTANDER)
8717	Dic 31 2017	06:21:23.9	7.41	-73.23	132	1.6	0.4	104	17	EL PLAYON (SANTANDER)
8718	Dic 31 2017	06:45: 3.5	7.23	-73.06	154	1.4	0.2	115	8	RIONEGRO (SANTANDER)
8719	Dic 31 2017	07:38:11.1	6.82	-73.15	153	1.4	0.5	146	12	LOS SANTOS (SANTANDER)
8720	Dic 31 2017	07:52:48.4	6.83	-73.18	147	1.1	0.2	137	9	ZAPATOCA (SANTANDER)
8721	Dic 31 2017	08:08:18.0	2.51	-75.41	19	1.7	0.6	171	25	HOBO (HUILA)
8722	Dic 31 2017	08:28: 6.3	2.71	-75.09	60	1.1	0.1	121	8	RIVERA (HUILA)
8723	Dic 31 2017	08:46:20.1	5.73	-75.92	53	1.3	0.1	131	8	BETANIA (ANTIOQUIA)
8724	Dic 31 2017	09:51:28.4	6.79	-73.17	139	1.7	0.5	64	21	LOS SANTOS (SANTANDER)
8725	Dic 31 2017	09:59:56.2	6.63	-73.52	118	1.6	0.5	59	20	EL CARMEN (SANTANDER)
8726	Dic 31 2017	10:11:36.0	6.77	-73.11	146	1.6	0.7	123	20	LOS SANTOS (SANTANDER)
8727	Dic 31 2017	10:27:49.8	6.80	-73.16	140	1.8	0.4	64	24	LOS SANTOS (SANTANDER)
8728	Dic 31 2017	11:00:53.5	6.75	-73.15	138	1.4	0.3	150	11	LOS SANTOS (SANTANDER)
8729	Dic 31 2017	11:04:51.5	3.32	-76.57	110	1.3	0.2	246	8	JAMUNDI (VALLE)
8730	Dic 31 2017	13:59:45.4	1.94	-75.94	25	1.2	0.1	144	9	TIMANA (HUILA)
8731	Dic 31 2017	14:19: 3.2	6.80	-73.17	141	1.8	0.4	63	19	LOS SANTOS (SANTANDER)
8732	Dic 31 2017	14:35:51.1	6.79	-73.17	144	1.8	0.5	109	20	LOS SANTOS (SANTANDER)
8733	Dic 31 2017	15:09:39.6	6.49	-73.46	14	2.4	0.4	145	15	SIMACOTA (SANTANDER)
8734	Dic 31 2017	15:23:12.6	6.80	-73.18	140	1.8	0.4	138	14	ZAPATOCA (SANTANDER)
8735	Dic 31 2017	16:17:31.6	1.72	-77.34	Sup	1.2	0.1	199	7	EL ROSARIO (NARINO)
8736	Dic 31 2017	17:34:38.9	11.08	-72.81	Sup	1.9	0.9	140	18	MANAURE BALCON CESAR (CESAR)
8737	Dic 31 2017	17:49:13.2	8.66	-77.34	12	2.3	0.8	157	16	MAR CARIBE
8738	Dic 31 2017	17:52:40.1	8.21	-73.32	118	2.1	0.2	170	9	OCANA (N.SANTANDER)
8739	Dic 31 2017	17:56: 3.9	4.35	-76.32	121	1.2	0.3	167	10	BOLIVAR (VALLE)
8740	Dic 31 2017	19:39:30.9	6.80	-73.17	145	2.4	0.4	64	37	LOS SANTOS (SANTANDER)
8741	Dic 31 2017	20:10:26.8	8.55	-74.05	22	1.5	0.5	103	19	ARENAL (BOLIVAR)
8742	Dic 31 2017	22:22:26.9	4.99	-75.88	114	2.6	0.8	82	46	VITERBO (CALDAS)