

BOLETÍN DE SISMOS

» Noviembre de 2020

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CONTENIDO

1	PRESENTACIÓN	5
2	Funcionamiento de las estaciones	7
2.1	Mapa de las estaciones	7
2.2	Histograma de funcionamiento de las estaciones	8
3	Sismicidad de noviembre de 2020	9
3.1	Tabla de sismicidad destacada noviembre de 2020	10
3.2	Mapa de sismicidad destacada noviembre de 2020	11
3.3	Tabla de sismicidad mensual noviembre de 2020	12
3.4	Mapa de sismicidad mensual noviembre de 2020	48
4	Estadísticas de la sismicidad	49
4.1	Errores	49
4.2	Número de sismos	50
4.3	Evolución Temporal	51
	Referencias Bibliográficas	52

1

PRESENTACIÓN

La Red Sismológica Nacional de Colombia RSNC adscrita al SERVICIO GEOLÓGICO COLOMBIANO, 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 este 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,

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2 FUNCIONAMIENTO DE LAS ESTACIONES

2.1 Mapa de las estaciones

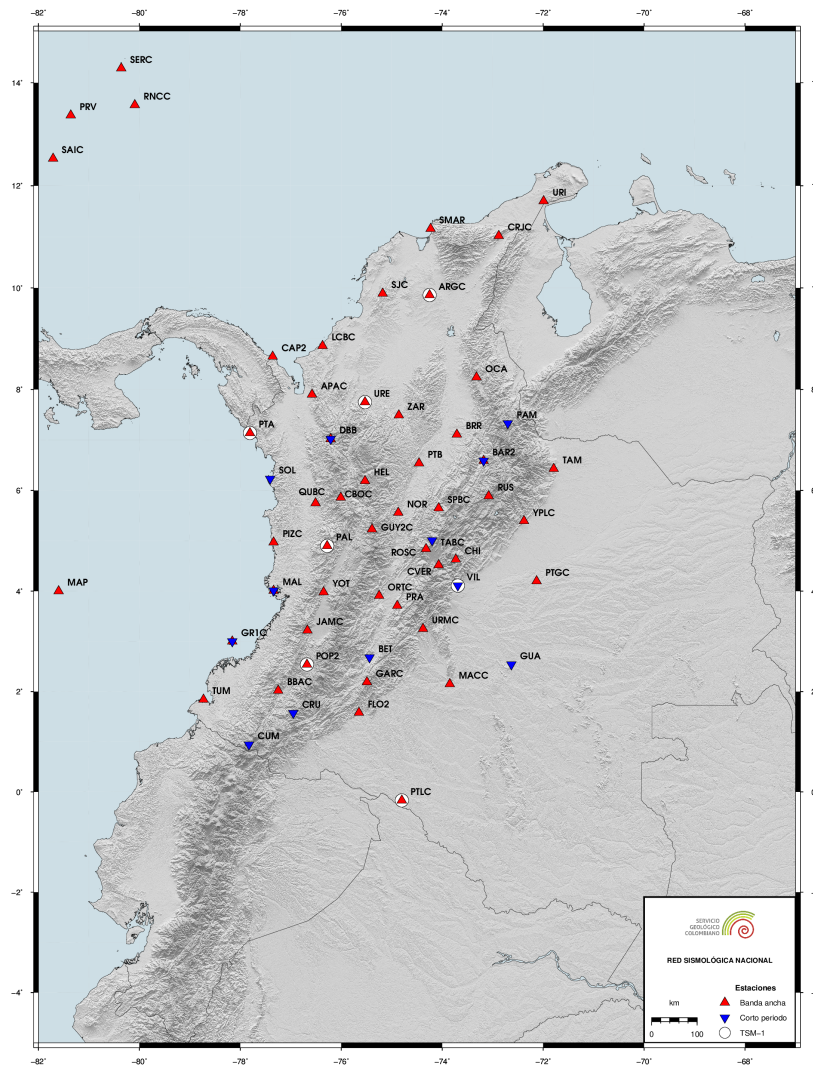


Figura 2.1: Localización de las estaciones de la RSNC.

2.2 Histograma de funcionamiento de las estaciones

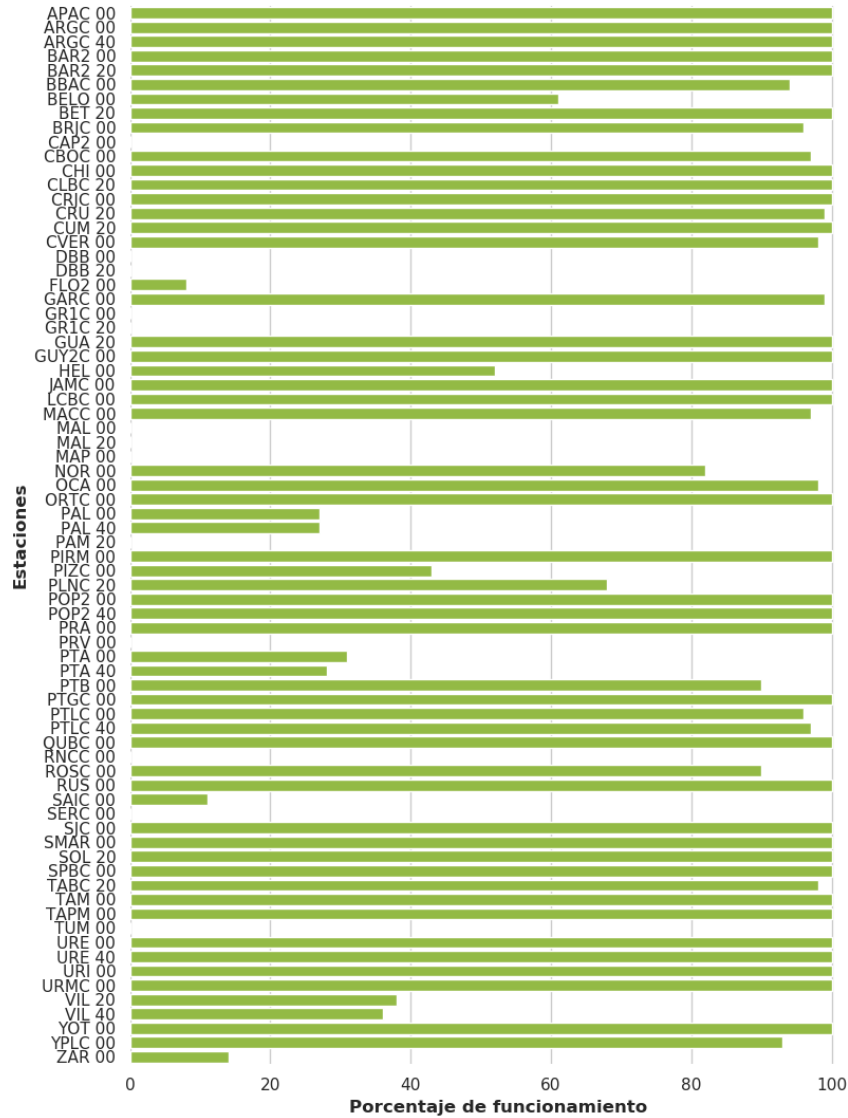


Figura 2.2: El porcentaje de funcionamiento es calculado según la disponibilidad de los datos.

3 Sismicidad de noviembre de 2020

Durante el mes de noviembre se registraron 1649 eventos, entre los cuales 1562 corresponden a eventos locales, 26 a eventos regionales, 45 a eventos en el Océano Pacífico, 12 a eventos en el Mar Caribe y 4 a eventos Volcánicos. De los eventos localizados, 9 se determinaron como destacados, ver tabla 3.1 y figura 3.1.

Un evento es denominado como destacado si:

1. El sismo tiene magnitud (M) mayor o igual a 4.0.
2. El sismo es reportado como sentido cerca al epicentro, sin importar su magnitud.
3. El sismo está asociado a sismicidad volcánica con magnitud mayor o igual a 3.0.

Convenciones

FECHA	Año Mes Día
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.
LON	Longitud en grados.
Z	Profundidad en kilómetros.
M	Magnitud preferida para el sismo. Puede ser alguna de las siguientes: Mw(mB), Mw(Mwp), MLr, M (promedio ponderado de las magnitudes).
UBICACION	Epicentro del evento.

Nota

El promedio ponderado de las magnitudes se calcula de la siguiente manera:

$$M = \frac{\sum w_i M_i}{\sum w_i}$$

Donde $w_i = a_i * \text{conteo_estaciones}(M_i) + b_i$. Los tipos de magnitud utilizados son:

- **MLr**: Magnitud local adecuada para Colombia (F. Rengifo y A. Ojeda, 2004).
- **Mw(mB)**: Estimación de magnitud Mw con base en la magnitud mB a través de la regresión Mw vs. mB (Bormann y Saul, 2008).
- **Mw(Mwp)**: Estimación de magnitud Mw con base en la magnitud Mwp a través de la regresión Mw vs. Mwp (Whitmore et al., 2002).

Las magnitudes Mw son consideradas para calcular la magnitud promedio si se encuentran en al menos cuatro estaciones. En caso contrario se deja la magnitud local. ■

3.1 Tabla de sismicidad destacada noviembre de 2020

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2020/11/03	05:14:14	1,742	-76,156	34,0	4,1	Pitalito, Huila
2	2020/11/03	21:40:31	6,95	-73,105	159,0	4,0	Girón, Santander
3	2020/11/06	10:22:47	6,81	-73,237	147,0	4,2	Zapatoca, Santander
4	2020/11/16	13:59:22	4,885	-76,644	58,0	4,6	Nóvita, Chocó
5	2020/11/20	00:56:59	6,831	-73,232	152,0	4,7	Zapatoca, Santander
6	2020/11/20	01:03:50	6,767	-73,17	146,0	4,1	Los Santos, Santander
7	2020/11/21	07:42:11	4,901	-75,311	4,0	2,7	Área de Influencia Volcán Nevado del Ruiz
8	2020/11/24	06:20:58	2,411	-75,763	16,0	3,1	Paicol, Huila
9	2020/11/24	09:35:17	0,746333	-77,9267	8,0	2,0	Área de influencia Complejo volcánico Chiles, Cerro Negro

Tabla 3.1: Eventos destacados durante noviembre de 2020

3.2 Mapa de sismicidad destacada noviembre de 2020



Figura 3.1: Eventos destacados durante noviembre de 2020

3.3 Tabla de sismicidad mensual noviembre de 2020

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2020/11/01	00:08:52	7,144	-75,831	6,0	2,0	Ituango, Antioquia
2	2020/11/01	00:09:04	6,771	-73,146	141,0	2,4	Los Santos, Santander
3	2020/11/01	00:14:08	6,693	-71,965	22,0	2,0	Fortul, Arauca
4	2020/11/01	00:43:11	6,813	-73,231	148,0	1,8	Zapatoca, Santander
5	2020/11/01	00:44:01	6,748	-73,134	139,0	2,4	Los Santos, Santander
6	2020/11/01	01:24:19	6,762	-73,184	141,0	1,6	Los Santos, Santander
7	2020/11/01	02:21:14	6,788	-73,255	143,0	1,7	Zapatoca, Santander
8	2020/11/01	02:59:00	6,741	-73,227	139,0	1,8	Zapatoca, Santander
9	2020/11/01	03:12:13	10,094	-72,566	158,0	2,1	Venezuela
10	2020/11/01	03:13:32	2,462	-75,553	38,0	1,7	Gigante, Huila
11	2020/11/01	03:32:19	3,467	-74,209	7,0	1,1	Mesetas, Meta
12	2020/11/01	03:40:52	2,193	-76,087	28,0	1,6	La Plata, Huila
13	2020/11/01	03:44:07	10,608	-72,756	11,0	1,6	Venezuela
14	2020/11/01	04:38:15	1,734	-77,356	16,0	1,1	El Rosario, Nariño
15	2020/11/01	04:42:27	6,787	-73,099	143,0	2,1	Los Santos, Santander
16	2020/11/01	04:56:23	3,46	-74,189	7,0	1,4	Mesetas, Meta
17	2020/11/01	05:00:28	6,424	-74,338	19,0	0,8	Cimitarra, Santander
18	2020/11/01	05:07:08	5,2	-73,0	15,0	2,0	Páez, Boyacá
19	2020/11/01	05:25:24	3,552	-74,514	25,0	1,4	Uribe, Meta
20	2020/11/01	05:46:48	6,737	-73,12	145,0	1,8	Los Santos, Santander
21	2020/11/01	05:51:07	6,807	-76,866	23,0	1,8	Murindó, Antioquia
22	2020/11/01	05:53:21	3,817	-74,881	41,0	1,3	Prado, Tolima
23	2020/11/01	06:11:04	6,787	-73,129	144,0	2,1	Los Santos, Santander
24	2020/11/01	06:20:27	6,754	-73,193	135,0	1,7	Villanueva, Santander
25	2020/11/01	06:27:35	6,808	-73,159	148,0	1,7	Los Santos, Santander
26	2020/11/01	06:36:03	7,484	-73,165	142,0	2,0	El Playón, Santander
27	2020/11/01	07:15:56	6,117	-73,898	104,0	1,3	El Peñón, Santander
28	2020/11/01	07:20:13	3,981	-73,708	1,0	1,4	Acacías, Meta
29	2020/11/01	07:28:54	6,685	-76,76	67,0	2,5	Murindó, Antioquia
30	2020/11/01	07:35:31	5,069	-73,214	19,0	2,0	Campohermoso, Boyacá
31	2020/11/01	07:59:33	6,785	-73,165	148,0	1,6	Los Santos, Santander
32	2020/11/01	08:02:36	6,811	-73,181	147,0	1,8	Los Santos, Santander
33	2020/11/01	08:22:39	7,873	-73,249	127,0	1,9	Ábrego, Norte de Santander
34	2020/11/01	08:56:57	6,792	-73,114	144,0	1,7	Los Santos, Santander
35	2020/11/01	09:04:30	9,869	-73,155	126,0	2,3	Agustín Codazzi, Cesar
36	2020/11/01	09:11:11	3,463	-74,197	10,0	1,8	Mesetas, Meta
37	2020/11/01	09:20:48	6,779	-73,154	143,0	2,1	Los Santos, Santander
38	2020/11/01	09:24:41	3,449	-74,19	10,0	1,5	Mesetas, Meta
39	2020/11/01	09:32:35	6,779	-73,176	143,0	2,2	Los Santos, Santander
40	2020/11/01	10:08:24	6,82	-72,983	145,0	1,8	Piedecuesta, Santander
41	2020/11/01	10:30:15	3,002	-76,176	125,0	1,2	Toribío, Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
42	2020/11/01	10:33:13	6,758	-73,106	142,0	1,7	Los Santos, Santander
43	2020/11/01	11:31:24	5,649	-73,462	15,0	1,5	Chíquiza, Boyacá
44	2020/11/01	12:44:11	3,461	-74,201	7,0	2,2	Mesetas, Meta
45	2020/11/01	13:09:59	6,793	-73,11	139,0	2,4	Los Santos, Santander
46	2020/11/01	13:32:12	6,727	-73,119	140,0	2,3	Jordán, Santander
47	2020/11/01	15:06:54	4,486	-74,846	22,0	1,0	Coello, Tolima
48	2020/11/01	16:34:50	7,474	-74,599	36,0	2,6	El Bagre, Antioquia
49	2020/11/01	17:14:56	6,781	-73,156	138,0	2,1	Los Santos, Santander
50	2020/11/01	17:36:21	4,377	-76,535	70,0	1,1	Bolívar, Valle del Cauca
51	2020/11/01	18:04:42	6,742	-73,172	132,0	2,2	Los Santos, Santander
52	2020/11/01	18:19:04	11,902	-71,614	69,0	2,9	Uribia, la Guajira
53	2020/11/01	19:00:00	4,619	-76,031	78,0	1,8	Toro, Valle del Cauca
54	2020/11/01	19:20:40	5,022	-76,061	91,0	2,3	La Celia, Risaralda
55	2020/11/01	19:23:29	6,746	-73,17	135,0	2,1	Los Santos, Santander
56	2020/11/01	20:01:49	6,848	-72,993	147,0	1,5	Piedecuesta, Santander
57	2020/11/01	20:05:23	3,741	-74,85	3,0	1,1	Prado, Tolima
58	2020/11/01	20:37:22	6,832	-73,148	138,0	2,1	Los Santos, Santander
59	2020/11/01	21:10:22	6,8	-73,154	138,0	2,0	Los Santos, Santander
60	2020/11/01	21:45:46	4,742	-76,264	97,0	1,4	El Cairo, Valle del Cauca
61	2020/11/01	22:01:48	4,44	-76,449	98,0	1,2	Sipí, Chocó
62	2020/11/01	22:18:10	6,911	-73,046	171,0	3,4	Piedecuesta, Santander
63	2020/11/01	23:34:32	6,828	-73,07	143,0	1,9	Los Santos, Santander
64	2020/11/02	00:22:39	6,89	-73,305	124,0	2,0	Betulia, Santander
65	2020/11/02	00:40:15	6,72	-73,171	142,0	2,1	Villanueva, Santander
66	2020/11/02	00:42:25	6,495	-73,557	114,0	1,8	Simacota, Santander
67	2020/11/02	00:47:12	6,809	-73,124	131,0	1,8	Los Santos, Santander
68	2020/11/02	01:27:12	6,711	-73,197	134,0	1,8	Barichara, Santander
69	2020/11/02	02:01:35	7,192	-75,265	5,0	1,6	Anorí, Antioquia
70	2020/11/02	02:13:21	5,095	-75,202	22,0	0,6	Herveo, Tolima
71	2020/11/02	02:14:17	6,873	-73,175	130,0	1,7	Zapatoca, Santander
72	2020/11/02	02:26:41	6,878	-76,174	82,0	1,8	Uramita, Antioquia
73	2020/11/02	02:27:05	6,507	-74,55	47,0	1,8	Puerto Berrío, Antioquia
74	2020/11/02	03:42:02	6,639	-73,244	128,0	1,9	Barichara, Santander
75	2020/11/02	04:42:53	5,995	-74,009	95,0	1,2	Sucre, Santander
76	2020/11/02	04:58:28	6,822	-73,162	140,0	1,6	Los Santos, Santander
77	2020/11/02	05:11:28	6,789	-73,166	149,0	1,9	Los Santos, Santander
78	2020/11/02	05:17:11	11,24	-73,566	30,0	2,6	Dibulla, la Guajira
79	2020/11/02	05:22:09	6,968	-73,442	116,0	1,3	Betulia, Santander
80	2020/11/02	05:27:32	5,36	-72,395	30,0	1,6	Yopal, Casanare
81	2020/11/02	05:48:06	6,592	-76,76	20,0	1,4	Vigia del Fuerte, Antioquia
82	2020/11/02	06:03:25	6,766	-73,153	148,0	1,8	Los Santos, Santander
83	2020/11/02	06:14:39	7,189	-73,403	121,0	1,4	Lebrija, Santander
84	2020/11/02	06:23:52	8,346	-73,472	107,0	1,9	Rio de Oro, Cesar
85	2020/11/02	06:33:19	5,047	-74,693	2,0	0,9	Guaduas, Cundinamarca
86	2020/11/02	06:44:39	5,98	-73,615	122,0	2,2	Barbosa, Santander
87	2020/11/02	07:00:46	6,831	-73,178	145,0	1,5	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
88	2020/11/02	07:05:32	6,317	-76,643	48,0	1,4	Vigia del Fuerte, Antioquia
89	2020/11/02	07:10:39	4,669	-75,985	20,0	0,9	Cartago, Valle del Cauca
90	2020/11/02	07:14:27	6,774	-73,134	139,0	2,1	Los Santos, Santander
91	2020/11/02	08:29:45	6,862	-73,132	152,0	2,3	Los Santos, Santander
92	2020/11/02	08:42:42	3,528	-76,108	16,0	2,0	Palmira, Valle del Cauca
93	2020/11/02	08:52:02	12,635	-73,178	5,0	2,4	Mar Caribe
94	2020/11/02	09:28:16	2,23	-75,542	4,0	1,0	Garzón, Huila
95	2020/11/02	09:32:46	7,286	-77,242	4,0	1,6	Riosucio, Chocó
96	2020/11/02	09:55:49	7,652	-76,018	32,0	1,9	Tierralta, Córdoba
97	2020/11/02	10:08:01	4,05	-71,59	0,0	1,9	Puerto Gaitán, Meta
98	2020/11/02	10:22:56	6,798	-73,146	152,0	1,8	Los Santos, Santander
99	2020/11/02	10:50:10	6,796	-73,093	148,0	1,7	Los Santos, Santander
100	2020/11/02	10:52:18	3,135	-74,598	28,0	1,2	Uribe, Meta
101	2020/11/02	10:55:11	6,743	-73,118	137,0	2,0	Los Santos, Santander
102	2020/11/02	10:58:16	5,145	-75,466	1,0	0,5	Neira, Caldas
103	2020/11/02	11:06:39	5,233	-74,678	0,0	0,9	Guaduas, Cundinamarca
104	2020/11/02	11:12:44	6,763	-73,132	145,0	2,2	Los Santos, Santander
105	2020/11/02	11:17:53	6,707	-73,116	136,0	2,0	Jordán, Santander
106	2020/11/02	12:08:34	4,479	-74,983	22,0	0,7	Piedras, Tolima
107	2020/11/02	13:11:05	5,221	-74,016	116,0	1,6	Tausa, Cundinamarca
108	2020/11/02	13:50:23	5,614	-77,678	13,0	2,5	Océano Pacífico
109	2020/11/02	14:08:19	6,836	-73,128	149,0	2,8	Los Santos, Santander
110	2020/11/02	15:09:49	6,376	-73,574	115,0	2,1	Santa Helena del Opón, Santander
111	2020/11/02	15:38:12	6,852	-73,078	130,0	1,8	Los Santos, Santander
112	2020/11/02	16:16:43	6,525	-73,516	55,0	1,3	El Carmen, Santander
113	2020/11/02	16:26:54	5,302	-73,743	135,0	1,8	Lenguazaque, Cundinamarca
114	2020/11/02	17:27:54	7,812	-74,674	19,0	1,8	El Bagre, Antioquia
115	2020/11/02	19:01:53	7,491	-76,02	0,0	1,5	Tierralta, Córdoba
116	2020/11/02	19:55:38	5,684	-75,963	41,0	2,1	Andes, Antioquia
117	2020/11/02	20:54:53	5,506	-72,593	33,0	3,3	Labranzagrande, Boyacá
118	2020/11/02	22:21:33	6,741	-73,176	142,0	1,9	Villanueva, Santander
119	2020/11/02	22:41:35	6,212	-73,658	115,0	1,7	La Paz, Santander
120	2020/11/02	23:47:44	6,407	-73,727	87,0	1,8	Landázuri, Santander
121	2020/11/02	23:55:15	6,468	-73,596	123,0	1,5	Santa Helena del Opón, Santander
122	2020/11/03	00:31:16	6,739	-73,196	163,0	1,7	Villanueva, Santander
123	2020/11/03	00:33:30	2,017	-76,251	22,0	2,2	Isnos, Huila
124	2020/11/03	00:42:28	6,777	-73,175	142,0	1,3	Los Santos, Santander
125	2020/11/03	01:05:45	6,737	-73,146	134,0	2,0	Los Santos, Santander
126	2020/11/03	01:10:04	5,565	-74,089	101,0	2,2	Muzo, Boyacá
127	2020/11/03	01:16:45	6,665	-73,133	132,0	1,9	Villanueva, Santander
128	2020/11/03	01:47:57	6,725	-73,136	135,0	2,3	Jordán, Santander
129	2020/11/03	01:54:49	7,427	-73,179	132,0	2,4	El Playón, Santander
130	2020/11/03	02:13:25	3,812	-75,725	16,0	1,0	Chaparral, Tolima
131	2020/11/03	02:52:36	2,088	-77,252	116,0	1,5	Balboa, Cauca
132	2020/11/03	03:08:35	2,833	-79,117	20,0	2,4	Océano Pacífico
133	2020/11/03	03:23:22	3,476	-74,218	8,0	1,8	Mesetas, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
134	2020/11/03	04:11:15	5,789	-74,307	36,0	1,0	Yacopí, Cundinamarca
135	2020/11/03	04:21:26	6,796	-73,146	147,0	2,0	Los Santos, Santander
136	2020/11/03	04:43:22	6,834	-73,163	149,0	2,1	Los Santos, Santander
137	2020/11/03	04:45:34	9,15	-77,152	29,0	2,5	Mar Caribe
138	2020/11/03	04:53:04	6,796	-73,144	150,0	2,1	Los Santos, Santander
139	2020/11/03	05:13:51	9,73	-72,969	8,0	2,2	Venezuela
140	2020/11/03	05:14:14	1,742	-76,156	34,0	4,1	Pitalito, Huila
141	2020/11/03	05:18:43	6,485	-73,548	103,0	1,8	Simacota, Santander
142	2020/11/03	05:28:39	7,392	-73,126	139,0	1,6	Rionegro, Santander
143	2020/11/03	05:46:59	6,829	-73,162	147,0	2,4	Los Santos, Santander
144	2020/11/03	05:54:56	6,851	-73,149	145,0	2,2	Los Santos, Santander
145	2020/11/03	06:11:26	6,547	-74,126	28,0	1,1	Cimitarra, Santander
146	2020/11/03	06:43:11	6,79	-73,096	148,0	1,7	Los Santos, Santander
147	2020/11/03	06:51:00	3,552	-74,281	10,0	1,8	Uribe, Meta
148	2020/11/03	07:05:52	6,796	-73,153	147,0	2,2	Los Santos, Santander
149	2020/11/03	07:13:15	6,818	-73,144	148,0	2,0	Los Santos, Santander
150	2020/11/03	07:28:58	10,41	-75,24	17,0	1,8	San Estanislao, Bolívar
151	2020/11/03	07:55:58	2,926	-77,389	12,0	1,1	López, Cauca
152	2020/11/03	08:02:00	6,714	-74,59	101,0	1,2	Yalí, Antioquia
153	2020/11/03	08:13:15	6,796	-73,197	145,0	1,7	Los Santos, Santander
154	2020/11/03	08:21:59	5,743	-76,472	17,0	1,1	Quibdó, Chocó
155	2020/11/03	08:26:57	6,839	-73,138	146,0	1,7	Los Santos, Santander
156	2020/11/03	08:33:06	6,62	-73,582	105,0	1,3	El Carmen, Santander
157	2020/11/03	09:03:30	5,774	-72,785	20,0	1,5	Gámeza, Boyacá
158	2020/11/03	09:06:14	5,964	-73,786	115,0	1,3	Bolívar, Santander
159	2020/11/03	09:24:33	8,375	-75,37	0,0	1,5	Planeta Rica, Córdoba
160	2020/11/03	09:40:40	2,811	-78,159	2,0	1,5	Océano Pacífico
161	2020/11/03	09:44:51	6,792	-73,174	144,0	1,3	Los Santos, Santander
162	2020/11/03	09:47:49	6,815	-73,176	150,0	2,0	Los Santos, Santander
163	2020/11/03	09:57:39	6,724	-73,125	150,0	1,4	Jordán, Santander
164	2020/11/03	10:09:36	6,837	-73,137	135,0	1,7	Los Santos, Santander
165	2020/11/03	10:18:09	5,209	-74,671	22,0	2,3	Guaduas, Cundinamarca
166	2020/11/03	10:40:33	4,172	-75,903	13,0	1,5	Sevilla, Valle del Cauca
167	2020/11/03	11:19:05	6,713	-73,184	154,0	1,6	Villanueva, Santander
168	2020/11/03	11:24:10	2,741	-79,205	19,0	2,7	Océano Pacífico
169	2020/11/03	11:50:03	4,352	-77,689	4,0	2,4	Océano Pacífico
170	2020/11/03	11:59:49	6,608	-73,557	111,0	1,5	El Carmen, Santander
171	2020/11/03	12:06:06	6,168	-74,909	2,0	0,8	San Carlos, Antioquia
172	2020/11/03	12:54:52	2,663	-79,603	15,0	3,4	Océano Pacífico
173	2020/11/03	13:21:09	4,39	-77,765	31,0	2,1	Océano Pacífico
174	2020/11/03	13:55:39	2,45	-76,756	12,0	0,8	El Tambo, Cauca
175	2020/11/03	14:44:08	3,482	-74,196	6,0	2,1	Mesetas, Meta
176	2020/11/03	14:51:25	5,191	-73,094	19,0	1,8	Berbeo, Boyacá
177	2020/11/03	16:01:18	2,875	-75,986	6,0	1,9	Páez (Belalcázar), Cauca
178	2020/11/03	16:04:21	8,307	-72,092	0,0	2,1	Venezuela
179	2020/11/03	16:58:17	6,848	-73,047	147,0	1,9	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
180	2020/11/03	17:27:13	6,838	-73,165	155,0	1,9	Los Santos, Santander
181	2020/11/03	17:49:08	4,146	-76,399	77,0	1,5	Riofrío, Valle del Cauca
182	2020/11/03	18:35:26	6,838	-73,141	140,0	2,1	Los Santos, Santander
183	2020/11/03	19:37:20	6,848	-73,305	131,0	2,0	Zapatoca, Santander
184	2020/11/03	19:44:06	5,274	-73,778	144,0	1,6	Cucunubá, Cundinamarca
185	2020/11/03	20:19:40	6,801	-73,068	146,0	2,7	Los Santos, Santander
186	2020/11/03	21:25:17	5,64	-76,881	33,0	2,3	Rio Quito (Paimadó), Chocó
187	2020/11/03	21:35:49	6,823	-73,122	143,0	2,6	Los Santos, Santander
188	2020/11/03	21:40:31	6,95	-73,105	159,0	4,0	Girón, Santander
189	2020/11/03	22:25:04	6,245	-73,689	103,0	1,8	Vélez, Santander
190	2020/11/03	22:48:17	6,837	-73,161	152,0	3,6	Los Santos, Santander
191	2020/11/04	00:14:36	6,724	-73,171	131,0	2,0	Villanueva, Santander
192	2020/11/04	00:21:52	3,975	-76,844	99,0	1,6	Calima (El Darién), Valle del Cauca
193	2020/11/04	00:43:05	6,756	-73,162	142,0	1,5	Los Santos, Santander
194	2020/11/04	00:47:15	6,696	-73,23	163,0	1,8	Barichara, Santander
195	2020/11/04	01:04:33	3,448	-74,184	1,0	1,2	Mesetas, Meta
196	2020/11/04	01:16:16	4,459	-75,875	134,0	1,5	Montenegro, Quindío
197	2020/11/04	01:21:55	6,886	-73,144	142,0	1,6	Los Santos, Santander
198	2020/11/04	01:25:52	8,812	-77,446	23,0	1,9	Panama-Colombia
199	2020/11/04	01:36:23	1,111	-76,564	4,0	1,5	Mococo, Putumayo
200	2020/11/04	01:43:24	5,72	-76,014	39,0	1,1	Betania, Antioquia
201	2020/11/04	01:47:56	6,454	-73,587	111,0	1,4	Santa Helena del Opón, Santander
202	2020/11/04	02:15:11	3,141	-77,153	44,0	1,1	López, Cauca
203	2020/11/04	02:19:50	6,78	-73,187	157,0	1,7	Los Santos, Santander
204	2020/11/04	02:25:18	4,257	-75,247	16,0	0,8	Rovira, Tolima
205	2020/11/04	02:34:45	6,758	-73,154	134,0	2,0	Los Santos, Santander
206	2020/11/04	02:49:35	7,011	-75,642	0,0	1,4	Yarumal, Antioquia
207	2020/11/04	03:16:22	6,771	-73,104	145,0	1,8	Los Santos, Santander
208	2020/11/04	03:19:23	2,9	-77,995	0,0	1,5	Océano Pacífico
209	2020/11/04	03:22:33	2,563	-76,312	13,0	1,0	Silvia, Cauca
210	2020/11/04	03:26:54	2,892	-78,092	0,0	1,8	Océano Pacífico
211	2020/11/04	03:37:51	1,661	-77,738	5,0	2,7	Los Andes (Sotomayor), Nariño
212	2020/11/04	03:38:22	6,243	-76,943	31,0	2,1	Bojayá (Bellavista), Chocó
213	2020/11/04	03:43:30	3,699	-82,198	0,0	2,9	Océano Pacífico
214	2020/11/04	03:50:14	6,783	-73,21	136,0	1,9	Zapatoca, Santander
215	2020/11/04	03:50:58	6,784	-73,163	143,0	1,9	Los Santos, Santander
216	2020/11/04	03:54:33	4,315	-76,067	129,0	1,4	Zarzal, Valle del Cauca
217	2020/11/04	04:28:02	6,931	-76,229	0,0	1,6	Uramita, Antioquia
218	2020/11/04	04:40:08	6,8	-73,068	150,0	1,8	Los Santos, Santander
219	2020/11/04	05:41:51	6,852	-73,163	149,0	1,7	Los Santos, Santander
220	2020/11/04	05:44:05	6,835	-73,154	146,0	1,8	Los Santos, Santander
221	2020/11/04	05:53:11	6,798	-73,196	147,0	1,5	Los Santos, Santander
222	2020/11/04	05:55:38	7,664	-74,29	31,0	1,6	Santa Rosa del Sur, Bolívar
223	2020/11/04	06:07:44	4,053	-76,262	112,0	1,5	Tuluá, Valle del Cauca
224	2020/11/04	06:09:57	6,741	-73,149	148,0	1,5	Los Santos, Santander
225	2020/11/04	07:01:57	11,08	-72,644	73,0	1,5	Barrancas, la Guajira

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
226	2020/11/04	07:09:22	7,06	-72,958	122,0	1,6	Piedecuesta, Santander
227	2020/11/04	07:11:58	7,658	-73,265	123,0	1,4	Cáchira, Norte de Santander
228	2020/11/04	07:16:45	6,801	-73,187	146,0	1,9	Los Santos, Santander
229	2020/11/04	07:20:18	10,533	-73,42	9,0	1,5	Valledupar, Cesar
230	2020/11/04	07:48:53	6,806	-73,186	151,0	1,9	Los Santos, Santander
231	2020/11/04	08:04:03	3,533	-74,277	9,0	1,2	Uribe, Meta
232	2020/11/04	09:07:53	4,02	-71,588	0,0	2,7	Puerto Gaitán, Meta
233	2020/11/04	09:12:32	3,997	-71,777	0,0	1,9	Puerto Gaitán, Meta
234	2020/11/04	11:00:35	6,272	-75,813	19,0	1,4	Ebéjico, Antioquia
235	2020/11/04	11:20:00	6,849	-73,176	140,0	1,7	Zapatoca, Santander
236	2020/11/04	12:09:45	6,877	-73,074	138,0	2,0	Los Santos, Santander
237	2020/11/04	12:44:44	6,707	-73,137	136,0	2,2	Jordán, Santander
238	2020/11/04	15:11:34	6,715	-73,124	137,0	2,1	Jordán, Santander
239	2020/11/04	15:17:40	6,775	-73,107	133,0	2,3	Los Santos, Santander
240	2020/11/04	18:16:46	4,817	-74,591	12,0	1,0	San Juan de Rioseco, Cundinamarca
241	2020/11/04	19:10:38	6,842	-73,162	153,0	3,4	Los Santos, Santander
242	2020/11/04	19:41:06	8,825	-77,581	56,0	1,9	Panama-Colombia
243	2020/11/04	20:14:13	6,893	-73,211	153,0	2,9	Zapatoca, Santander
244	2020/11/04	20:30:57	1,999	-76,083	0,0	2,3	Saladoblanco, Huila
245	2020/11/04	21:07:52	4,917	-75,095	23,0	0,7	Líbano, Tolima
246	2020/11/04	21:23:33	6,748	-73,116	155,0	2,0	Los Santos, Santander
247	2020/11/04	23:38:14	7,416	-73,195	133,0	1,8	Rionegro, Santander
248	2020/11/04	23:59:14	6,817	-73,167	136,0	1,9	Los Santos, Santander
249	2020/11/05	00:08:31	6,982	-74,036	17,0	0,9	Yondó (Casabe), Antioquia
250	2020/11/05	00:19:15	6,069	-76,517	48,0	1,3	Medio Atrato (Beté), Chocó
251	2020/11/05	01:23:51	2,069	-77,553	78,0	2,1	El Charco, Nariño
252	2020/11/05	01:28:41	2,019	-76,181	0,0	1,0	Isnos, Huila
253	2020/11/05	01:35:50	3,77	-76,768	75,0	1,2	Dagua, Valle del Cauca
254	2020/11/05	01:35:56	6,749	-73,167	142,0	2,2	Los Santos, Santander
255	2020/11/05	02:47:51	6,769	-73,119	142,0	2,4	Los Santos, Santander
256	2020/11/05	04:17:00	7,07	-74,753	4,0	1,6	Remedios, Antioquia
257	2020/11/05	04:19:28	4,687	-75,864	4,0	0,6	Cartago, Valle del Cauca
258	2020/11/05	04:20:59	6,783	-73,138	148,0	1,8	Los Santos, Santander
259	2020/11/05	04:27:28	4,725	-74,861	13,0	1,8	Ambalema, Tolima
260	2020/11/05	04:31:21	6,795	-73,148	140,0	1,6	Los Santos, Santander
261	2020/11/05	04:37:12	6,815	-73,184	148,0	1,5	Zapatoca, Santander
262	2020/11/05	05:32:55	5,934	-73,64	122,0	2,0	Barbosa, Santander
263	2020/11/05	06:08:36	6,762	-73,176	144,0	1,7	Los Santos, Santander
264	2020/11/05	06:15:59	6,795	-73,114	147,0	1,5	Los Santos, Santander
265	2020/11/05	06:19:48	6,89	-73,373	123,0	1,7	San Vicente de Chucurí, Santander
266	2020/11/05	06:39:49	5,002	-74,83	25,0	1,1	Armero (Guayabal), Tolima
267	2020/11/05	06:50:18	8,635	-73,955	89,0	2,0	Rioviejo, Bolívar
268	2020/11/05	07:02:17	6,819	-73,168	140,0	1,5	Los Santos, Santander
269	2020/11/05	08:06:24	2,754	-76,654	123,0	1,1	Morales, Cauca
270	2020/11/05	08:09:01	6,876	-73,584	107,0	1,2	San Vicente de Chucurí, Santander
271	2020/11/05	08:15:01	5,183	-72,916	2,0	1,3	Chámeza, Casanare

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
272	2020/11/05	08:16:54	0,342	-77,382	1,0	1,6	Colombia-Ecuador
273	2020/11/05	08:24:53	4,244	-75,949	19,0	1,5	Sevilla, Valle del Cauca
274	2020/11/05	08:25:51	6,795	-73,159	148,0	2,0	Los Santos, Santander
275	2020/11/05	08:33:02	2,027	-76,122	20,0	0,6	Saladoblanco, Huila
276	2020/11/05	08:42:41	7,351	-77,107	20,0	2,7	Riosucio, Chocó
277	2020/11/05	08:50:37	6,794	-73,14	145,0	1,6	Los Santos, Santander
278	2020/11/05	08:53:03	6,751	-73,091	153,0	1,6	Los Santos, Santander
279	2020/11/05	09:17:16	4,034	-71,702	0,0	1,9	Puerto Gaitán, Meta
280	2020/11/05	09:26:54	6,868	-73,139	154,0	3,2	Los Santos, Santander
281	2020/11/05	09:44:13	6,795	-72,924	148,0	1,7	Cepitá, Santander
282	2020/11/05	09:47:01	7,423	-73,244	121,0	2,3	Rionegro, Santander
283	2020/11/05	09:51:18	6,846	-73,144	143,0	2,1	Los Santos, Santander
284	2020/11/05	10:14:05	6,838	-73,372	148,0	1,4	San Vicente de Chucurí, Santander
285	2020/11/05	10:51:00	6,84	-73,225	156,0	1,4	Zapatoca, Santander
286	2020/11/05	12:14:12	3,596	-74,585	22,0	1,1	Colombia, Huila
287	2020/11/05	12:17:04	6,964	-72,18	5,0	1,7	Cubará, Boyacá
288	2020/11/05	12:33:08	6,834	-73,132	148,0	2,1	Los Santos, Santander
289	2020/11/05	13:01:02	6,847	-73,093	149,0	2,0	Los Santos, Santander
290	2020/11/05	13:04:52	6,495	-73,608	110,0	1,4	Santa Helena del Opón, Santander
291	2020/11/05	16:35:35	5,199	-76,247	71,0	1,9	Tadó, Chocó
292	2020/11/05	17:01:43	1,742	-77,345	19,0	3,0	El Rosario, Nariño
293	2020/11/05	17:24:25	1,787	-77,318	24,0	1,5	El Rosario, Nariño
294	2020/11/05	17:54:13	2,466	-75,455	33,0	1,2	Gigante, Huila
295	2020/11/05	18:32:30	7,375	-72,186	16,0	2,3	Norte Colombia
296	2020/11/05	19:52:29	7,479	-73,304	150,0	1,7	El Playón, Santander
297	2020/11/05	20:18:00	5,286	-73,727	141,0	2,6	Lenguazaque, Cundinamarca
298	2020/11/05	21:12:06	11,027	-73,679	28,0	1,5	Santa Marta, Magdalena
299	2020/11/05	21:21:53	6,825	-73,105	150,0	2,0	Los Santos, Santander
300	2020/11/05	22:11:52	10,82	-76,09	5,0	2,4	Mar Caribe
301	2020/11/05	22:25:19	6,8	-73,57	96,0	1,9	El Carmen, Santander
302	2020/11/05	23:37:27	6,817	-73,09	141,0	2,2	Los Santos, Santander
303	2020/11/06	00:14:06	10,815	-73,552	69,0	1,7	Valledupar, Cesar
304	2020/11/06	00:55:18	6,794	-73,167	148,0	1,7	Los Santos, Santander
305	2020/11/06	00:56:13	5,303	-73,721	137,0	2,6	Lenguazaque, Cundinamarca
306	2020/11/06	01:02:54	5,883	-74,158	89,0	1,3	Otanche, Boyacá
307	2020/11/06	01:14:53	4,386	-75,938	140,0	3,0	Sevilla, Valle del Cauca
308	2020/11/06	01:37:53	6,771	-73,124	144,0	2,5	Los Santos, Santander
309	2020/11/06	02:58:14	4,386	-75,971	149,0	1,5	Zarzal, Valle del Cauca
310	2020/11/06	03:36:20	1,992	-76,053	4,0	1,6	Saladoblanco, Huila
311	2020/11/06	03:37:21	4,416	-75,689	15,0	1,1	Córdoba, Quindío
312	2020/11/06	04:01:22	6,76	-73,538	109,0	1,5	El Carmen, Santander
313	2020/11/06	04:05:51	6,642	-74,207	7,0	0,6	Cimitarra, Santander
314	2020/11/06	04:26:51	6,799	-73,179	147,0	1,9	Los Santos, Santander
315	2020/11/06	04:36:20	6,796	-73,163	137,0	1,4	Los Santos, Santander
316	2020/11/06	04:44:22	8,314	-74,105	60,0	1,6	Morales, Bolívar
317	2020/11/06	05:11:24	6,768	-73,149	147,0	1,5	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
318	2020/11/06	05:12:01	3,495	-74,196	10,0	1,0	Mesetas, Meta
319	2020/11/06	05:35:19	1,868	-76,255	28,0	1,0	San Agustín, Huila
320	2020/11/06	05:38:30	6,827	-73,149	142,0	2,5	Los Santos, Santander
321	2020/11/06	06:11:51	6,823	-73,129	144,0	2,0	Los Santos, Santander
322	2020/11/06	06:19:24	6,796	-73,119	147,0	1,6	Los Santos, Santander
323	2020/11/06	06:30:43	6,832	-73,143	141,0	2,1	Los Santos, Santander
324	2020/11/06	06:37:26	6,79	-73,172	143,0	1,5	Los Santos, Santander
325	2020/11/06	06:38:50	6,273	-73,722	107,0	1,1	Vélez, Santander
326	2020/11/06	06:59:04	6,823	-73,156	148,0	2,4	Los Santos, Santander
327	2020/11/06	07:09:46	6,82	-73,142	144,0	2,1	Los Santos, Santander
328	2020/11/06	07:15:12	6,784	-73,166	141,0	1,5	Los Santos, Santander
329	2020/11/06	07:22:32	2,691	-76,646	127,0	1,2	Cajibío, Cauca
330	2020/11/06	07:54:00	4,215	-75,464	16,0	0,6	Rovira, Tolima
331	2020/11/06	07:55:48	4,487	-76,091	90,0	1,1	Roldanillo, Valle del Cauca
332	2020/11/06	08:06:27	6,801	-73,184	135,0	1,9	Los Santos, Santander
333	2020/11/06	08:07:02	6,72	-73,217	147,0	2,0	Barichara, Santander
334	2020/11/06	09:32:47	6,938	-73,082	148,0	2,1	Piedecuesta, Santander
335	2020/11/06	10:22:47	6,81	-73,237	147,0	4,2	Zapatoca, Santander
336	2020/11/06	10:40:27	3,382	-74,142	4,0	1,4	Mesetas, Meta
337	2020/11/06	10:41:35	6,81	-73,044	146,0	2,5	Los Santos, Santander
338	2020/11/06	10:43:45	4,907	-73,202	17,0	2,0	Santa María, Boyacá
339	2020/11/06	11:00:08	7,811	-74,699	0,0	2,0	El Bagre, Antioquia
340	2020/11/06	11:14:14	6,824	-73,14	142,0	3,0	Los Santos, Santander
341	2020/11/06	11:50:44	3,334	-74,499	16,0	1,8	Uribe, Meta
342	2020/11/06	14:06:46	11,043	-73,662	6,0	2,0	Santa Marta, Magdalena
343	2020/11/06	14:09:03	6,821	-73,169	147,0	1,8	Los Santos, Santander
344	2020/11/06	14:27:22	6,852	-73,169	145,0	1,7	Zapatoca, Santander
345	2020/11/06	17:20:01	5,622	-73,668	126,0	1,4	Tinjacá, Boyacá
346	2020/11/06	17:57:37	6,866	-73,259	128,0	1,6	Zapatoca, Santander
347	2020/11/06	18:48:44	6,8	-73,064	143,0	2,6	Los Santos, Santander
348	2020/11/06	19:17:45	3,396	-79,168	17,0	2,3	Océano Pacífico
349	2020/11/06	19:44:47	2,637	-75,216	0,0	1,2	Algeciras, Huila
350	2020/11/06	19:59:05	2,532	-75,455	30,0	1,4	Hobo, Huila
351	2020/11/06	20:13:46	6,884	-73,303	120,0	3,3	Betulia, Santander
352	2020/11/06	20:15:59	6,737	-73,184	128,0	2,0	Villanueva, Santander
353	2020/11/06	22:21:45	6,75	-73,125	138,0	2,3	Los Santos, Santander
354	2020/11/06	23:03:06	3,027	-74,777	29,0	1,5	Uribe, Meta
355	2020/11/06	23:52:45	6,808	-73,19	133,0	1,8	Zapatoca, Santander
356	2020/11/07	00:08:19	4,503	-74,767	28,0	1,9	Guataquí, Cundinamarca
357	2020/11/07	00:10:44	6,724	-73,116	139,0	2,2	Jordán, Santander
358	2020/11/07	00:58:16	6,744	-73,134	138,0	2,7	Los Santos, Santander
359	2020/11/07	02:06:00	8,024	-73,933	0,0	3,2	Simití, Bolívar
360	2020/11/07	02:15:10	3,198	-76,8	10,0	1,2	López, Cauca
361	2020/11/07	02:16:29	3,325	-76,532	13,0	0,5	Cali, Valle del Cauca
362	2020/11/07	04:24:34	3,858	-76,534	62,0	0,7	Restrepo, Valle del Cauca
363	2020/11/07	04:32:44	3,936	-76,394	119,0	1,3	Yotoco, Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
364	2020/11/07	04:48:35	4,655	-78,029	0,0	1,8	Océano Pacífico
365	2020/11/07	04:52:54	2,78	-76,584	132,0	1,1	Piendamó, Cauca
366	2020/11/07	04:54:02	10,834	-73,755	42,0	1,7	Aracataca, Magdalena
367	2020/11/07	04:57:52	6,851	-73,156	147,0	2,1	Los Santos, Santander
368	2020/11/07	05:18:10	3,017	-74,752	36,0	1,2	Uribe, Meta
369	2020/11/07	05:40:58	6,807	-73,137	144,0	1,4	Los Santos, Santander
370	2020/11/07	06:06:05	7,4	-72,229	16,0	2,6	Norte Colombia
371	2020/11/07	06:13:48	3,463	-74,991	26,0	0,8	Alpujarra, Tolima
372	2020/11/07	06:24:15	4,497	-75,686	18,0	0,8	Calarcá, Quindío
373	2020/11/07	06:30:46	6,824	-73,214	143,0	1,4	Zapatoca, Santander
374	2020/11/07	06:40:01	6,836	-73,143	141,0	1,9	Los Santos, Santander
375	2020/11/07	06:50:17	6,411	-74,197	68,0	1,0	Cimitarra, Santander
376	2020/11/07	06:53:35	5,685	-75,885	34,0	1,5	Andes, Antioquia
377	2020/11/07	06:54:50	2,464	-76,651	0,0	0,4	Popayán, Cauca
378	2020/11/07	06:55:18	6,776	-73,12	150,0	1,8	Los Santos, Santander
379	2020/11/07	07:44:33	6,774	-73,136	149,0	1,5	Los Santos, Santander
380	2020/11/07	07:48:23	4,358	-76,128	140,0	1,6	Zarzal, Valle del Cauca
381	2020/11/07	08:12:04	6,815	-73,174	143,0	2,5	Los Santos, Santander
382	2020/11/07	08:29:37	2,398	-75,608	38,0	0,9	Paicol, Huila
383	2020/11/07	08:35:27	9,265	-77,979	60,0	2,4	Cerca de la Costa de Colombia
384	2020/11/07	09:16:53	6,859	-73,148	147,0	2,0	Los Santos, Santander
385	2020/11/07	09:33:46	6,45	-76,488	11,0	1,8	Urao, Antioquia
386	2020/11/07	09:59:51	6,796	-72,949	141,0	1,5	Cepitá, Santander
387	2020/11/07	10:31:07	6,964	-72,893	179,0	1,5	Santa Bárbara, Santander
388	2020/11/07	11:14:38	8,792	-73,835	84,0	1,9	Regidor, Bolívar
389	2020/11/07	11:31:37	5,372	-75,396	2,0	1,0	Salamina, Caldas
390	2020/11/07	12:36:45	5,26	-73,744	136,0	2,2	Cucunubá, Cundinamarca
391	2020/11/07	13:59:02	6,809	-73,194	147,0	1,9	Zapatoca, Santander
392	2020/11/07	14:16:01	6,762	-73,103	142,0	2,1	Los Santos, Santander
393	2020/11/07	14:49:00	3,381	-76,418	46,0	1,6	Candelaria, Valle del Cauca
394	2020/11/07	15:43:22	5,779	-75,983	53,0	1,4	Ciudad Bolívar, Antioquia
395	2020/11/07	16:54:58	6,844	-73,136	150,0	4,0	Los Santos, Santander
396	2020/11/07	18:43:32	6,274	-73,637	106,0	2,0	La Paz, Santander
397	2020/11/07	19:34:21	5,828	-75,97	57,0	1,9	Ciudad Bolívar, Antioquia
398	2020/11/07	21:10:04	4,792	-74,729	21,0	1,0	Beltrán, Cundinamarca
399	2020/11/07	21:34:54	4,428	-75,667	15,0	0,9	Calarcá, Quindío
400	2020/11/07	21:39:02	6,82	-73,122	135,0	1,9	Los Santos, Santander
401	2020/11/07	21:43:29	5,261	-73,742	154,0	2,5	Cucunubá, Cundinamarca
402	2020/11/07	22:45:18	6,787	-73,111	133,0	2,0	Los Santos, Santander
403	2020/11/07	23:03:51	6,28	-73,162	16,0	2,0	Charalá, Santander
404	2020/11/07	23:18:10	8,557	-73,642	91,0	1,8	La Gloria, Cesar
405	2020/11/07	23:49:27	6,977	-75,99	33,0	2,6	Uramita, Antioquia
406	2020/11/07	23:53:32	6,87	-73,362	125,0	1,7	San Vicente de Chucurí, Santander
407	2020/11/08	00:25:48	6,738	-73,074	139,0	2,3	Los Santos, Santander
408	2020/11/08	01:29:24	6,804	-73,116	135,0	1,9	Los Santos, Santander
409	2020/11/08	02:08:41	6,831	-73,217	144,0	3,6	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
410	2020/11/08	02:20:09	11,392	-72,187	2,0	1,7	Maicao, la Guajira
411	2020/11/08	02:46:08	6,831	-73,132	147,0	2,3	Los Santos, Santander
412	2020/11/08	03:00:27	6,998	-71,949	14,0	1,9	Saravena, Arauca
413	2020/11/08	03:09:39	4,872	-75,482	0,0	0,6	None
414	2020/11/08	03:27:37	6,749	-73,12	150,0	1,6	Los Santos, Santander
415	2020/11/08	03:43:48	9,855	-72,996	134,0	1,7	Becerrill, Cesar
416	2020/11/08	04:10:57	4,499	-76,286	69,0	2,2	El Dovio, Valle del Cauca
417	2020/11/08	04:17:18	6,771	-73,106	151,0	1,5	Los Santos, Santander
418	2020/11/08	04:22:49	3,321	-76,376	135,0	1,2	Candelaria, Valle del Cauca
419	2020/11/08	04:37:43	3,427	-76,422	133,0	1,1	Candelaria, Valle del Cauca
420	2020/11/08	05:00:08	6,388	-73,634	109,0	1,9	Santa Helena del Opón, Santander
421	2020/11/08	05:03:25	7,031	-76,234	4,0	1,3	Dabeiba, Antioquia
422	2020/11/08	05:12:59	6,902	-73,488	117,0	1,5	San Vicente de Chucurí, Santander
423	2020/11/08	05:20:19	11,068	-72,838	27,0	1,1	Barrancas, la Guajira
424	2020/11/08	05:26:20	2,953	-74,834	8,0	0,9	Uribe, Meta
425	2020/11/08	05:31:37	6,782	-73,131	145,0	1,6	Los Santos, Santander
426	2020/11/08	05:50:12	9,708	-72,829	0,0	2,9	Venezuela
427	2020/11/08	05:57:42	6,787	-73,904	86,0	1,2	Simacota, Santander
428	2020/11/08	06:41:55	6,867	-73,175	150,0	1,6	Zapatoca, Santander
429	2020/11/08	06:56:20	6,432	-74,542	41,0	0,4	Puerto Berrío, Antioquia
430	2020/11/08	07:02:08	4,545	-76,177	18,0	1,0	La Unión, Valle del Cauca
431	2020/11/08	07:06:02	6,764	-73,172	151,0	1,5	Los Santos, Santander
432	2020/11/08	07:17:15	2,547	-75,438	33,0	1,3	Hobo, Huila
433	2020/11/08	07:59:27	6,342	-73,542	108,0	1,4	Santa Helena del Opón, Santander
434	2020/11/08	08:19:59	6,781	-73,145	150,0	1,8	Los Santos, Santander
435	2020/11/08	08:24:12	6,187	-73,644	116,0	1,4	La Paz, Santander
436	2020/11/08	08:50:45	6,751	-73,101	145,0	1,5	Los Santos, Santander
437	2020/11/08	09:07:36	3,827	-76,229	100,0	1,3	Guacaré, Valle del Cauca
438	2020/11/08	09:27:50	6,745	-73,152	145,0	1,6	Los Santos, Santander
439	2020/11/08	09:43:54	5,152	-74,773	25,0	0,9	Honda, Tolima
440	2020/11/08	09:48:57	3,527	-74,484	22,0	1,0	Uribe, Meta
441	2020/11/08	09:58:55	9,836	-72,886	5,0	1,4	Venezuela
442	2020/11/08	09:59:59	2,311	-75,608	5,0	0,9	Garzón, Huila
443	2020/11/08	10:22:15	6,794	-73,068	149,0	1,6	Los Santos, Santander
444	2020/11/08	11:32:58	3,48	-74,194	7,0	1,1	Mesetas, Meta
445	2020/11/08	11:33:23	10,698	-72,59	98,0	1,5	Venezuela
446	2020/11/08	11:50:08	2,025	-79,769	30,0	3,4	Océano Pacífico
447	2020/11/08	11:53:31	9,017	-77,948	48,0	2,8	Cerca de la Costa de Colombia
448	2020/11/08	11:59:54	7,932	-73,722	92,0	1,5	Puerto Wilches, Santander
449	2020/11/08	12:16:29	2,401	-75,419	37,0	1,6	Algeciras, Huila
450	2020/11/08	12:20:59	8,467	-73,556	92,0	1,4	Aguachica, Cesar
451	2020/11/08	12:29:40	6,818	-73,176	143,0	1,7	Los Santos, Santander
452	2020/11/08	12:38:26	6,361	-73,636	115,0	1,3	Santa Helena del Opón, Santander
453	2020/11/08	13:55:24	7,854	-73,117	141,0	1,8	Ábrego, Norte de Santander
454	2020/11/08	14:20:43	3,443	-76,115	19,0	1,4	Pradera, Valle del Cauca
455	2020/11/08	14:39:24	6,839	-76,74	3,0	1,9	Murindó, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
456	2020/11/08	15:03:10	6,795	-73,106	149,0	2,0	Los Santos, Santander
457	2020/11/08	15:21:07	6,792	-73,159	132,0	2,0	Los Santos, Santander
458	2020/11/08	15:44:02	6,856	-73,168	141,0	1,7	Los Santos, Santander
459	2020/11/08	16:04:28	6,805	-76,777	0,0	2,4	Murindó, Antioquia
460	2020/11/08	17:18:02	6,809	-73,154	136,0	1,8	Los Santos, Santander
461	2020/11/08	21:22:00	6,039	-73,6	127,0	1,5	Chipatá, Santander
462	2020/11/08	22:36:21	3,442	-74,188	5,0	1,3	Mesetas, Meta
463	2020/11/08	23:20:29	6,817	-71,779	30,0	2,5	Saravena, Arauca
464	2020/11/08	23:39:22	7,187	-77,106	11,0	1,9	Carmen del Darién (Curbaradó), Chocó
465	2020/11/09	00:06:27	10,221	-73,315	114,0	1,4	Valledupar, Cesar
466	2020/11/09	00:43:09	4,029	-71,627	0,0	2,1	Puerto Gaitán, Meta
467	2020/11/09	01:23:13	1,864	-79,862	17,0	3,0	Océano Pacifico
468	2020/11/09	01:25:00	5,776	-73,923	101,0	1,5	Albania, Santander
469	2020/11/09	01:29:47	6,69	-73,146	136,0	1,9	Villanueva, Santander
470	2020/11/09	01:32:47	6,805	-73,189	138,0	1,4	Los Santos, Santander
471	2020/11/09	03:46:58	6,752	-73,124	149,0	1,4	Los Santos, Santander
472	2020/11/09	04:06:04	6,779	-73,137	149,0	2,0	Los Santos, Santander
473	2020/11/09	04:11:05	6,825	-73,219	144,0	1,5	Zapatoca, Santander
474	2020/11/09	04:18:51	6,806	-73,174	145,0	1,8	Los Santos, Santander
475	2020/11/09	04:46:31	6,848	-73,211	139,0	1,6	Zapatoca, Santander
476	2020/11/09	05:03:18	6,884	-73,186	140,0	1,6	Zapatoca, Santander
477	2020/11/09	05:14:19	6,814	-73,19	146,0	2,6	Zapatoca, Santander
478	2020/11/09	05:24:25	6,834	-73,166	141,0	1,5	Los Santos, Santander
479	2020/11/09	05:33:29	3,55	-74,207	16,0	1,1	Lejanías, Meta
480	2020/11/09	06:15:30	6,724	-73,141	130,0	1,5	Jordán, Santander
481	2020/11/09	06:24:55	3,883	-76,799	30,0	1,0	Calima (El Darién), Valle del Cauca
482	2020/11/09	06:32:55	6,601	-73,265	123,0	1,6	Cabrera, Santander
483	2020/11/09	06:49:27	5,005	-73,208	39,0	1,1	Campohermoso, Boyacá
484	2020/11/09	07:10:15	6,797	-73,19	148,0	3,6	Los Santos, Santander
485	2020/11/09	07:17:13	3,52	-74,541	33,0	1,6	Uribe, Meta
486	2020/11/09	07:25:38	6,745	-73,163	144,0	1,8	Los Santos, Santander
487	2020/11/09	07:29:59	6,922	-72,12	0,0	1,5	Cubará, Boyacá
488	2020/11/09	07:34:10	6,673	-73,154	132,0	1,7	Villanueva, Santander
489	2020/11/09	07:56:40	3,461	-74,19	13,0	1,1	Mesetas, Meta
490	2020/11/09	08:16:59	5,755	-76,125	45,0	2,3	El Carmen, Chocó
491	2020/11/09	08:37:27	7,134	-74,886	10,0	1,1	Amalfi, Antioquia
492	2020/11/09	09:01:54	6,706	-73,177	149,0	1,6	Villanueva, Santander
493	2020/11/09	09:02:35	1,867	-77,088	13,0	1,1	Mercaderes, Cauca
494	2020/11/09	09:03:47	6,792	-73,394	125,0	1,8	San Vicente de Chucurí, Santander
495	2020/11/09	09:27:14	6,737	-73,124	143,0	2,2	Los Santos, Santander
496	2020/11/09	09:38:42	4,298	-76,22	119,0	2,0	Bolívar, Valle del Cauca
497	2020/11/09	09:50:28	2,313	-76,026	22,0	0,8	La Plata, Huila
498	2020/11/09	10:06:06	3,294	-74,394	21,0	1,4	Uribe, Meta
499	2020/11/09	10:16:14	6,732	-73,236	133,0	1,6	Zapatoca, Santander
500	2020/11/09	10:25:12	6,889	-73,184	141,0	1,5	Zapatoca, Santander
501	2020/11/09	10:48:25	6,78	-73,166	141,0	2,3	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
502	2020/11/09	10:59:18	8,27	-73,124	23,0	1,7	Hacarí, Norte de Santander
503	2020/11/09	11:17:48	2,434	-75,386	5,0	1,5	Algeciras, Huila
504	2020/11/09	11:30:30	6,749	-73,146	139,0	2,1	Los Santos, Santander
505	2020/11/09	11:44:54	5,271	-73,783	129,0	1,8	Cucunubá, Cundinamarca
506	2020/11/09	12:51:03	6,828	-73,943	33,0	1,1	Puerto Parra, Santander
507	2020/11/09	12:53:33	6,586	-74,515	15,0	1,3	Puerto Berrío, Antioquia
508	2020/11/09	13:04:21	6,145	-73,936	88,0	1,1	El Peñón, Santander
509	2020/11/09	13:05:18	6,305	-73,731	107,0	1,4	Vélez, Santander
510	2020/11/09	13:55:41	6,96	-73,084	133,0	1,7	Piedecuesta, Santander
511	2020/11/09	14:14:47	4,9	-74,683	35,0	1,4	San Juan de Rioseco, Cundinamarca
512	2020/11/09	16:13:11	6,917	-73,138	141,0	1,8	Girón, Santander
513	2020/11/09	17:14:43	6,752	-73,151	153,0	1,7	Los Santos, Santander
514	2020/11/09	17:15:25	6,834	-73,143	148,0	1,7	Los Santos, Santander
515	2020/11/09	17:54:00	2,371	-75,417	37,0	1,6	Algeciras, Huila
516	2020/11/09	18:08:52	5,419	-74,65	34,0	0,7	Guaduas, Cundinamarca
517	2020/11/09	18:12:13	5,308	-73,794	159,0	1,8	Ubaté, Cundinamarca
518	2020/11/09	18:21:51	12,577	-73,057	35,0	2,8	Mar Caribe
519	2020/11/09	18:29:18	6,707	-73,15	138,0	2,0	Villanueva, Santander
520	2020/11/09	18:34:38	6,84	-76,907	20,0	2,0	Carmen del Darién (Curbaradó), Chocó
521	2020/11/09	18:42:59	7,031	-72,833	188,0	1,9	Guaca, Santander
522	2020/11/09	19:18:22	6,068	-73,739	127,0	1,4	Vélez, Santander
523	2020/11/09	20:08:41	5,03	-74,731	3,0	0,7	Guaduas, Cundinamarca
524	2020/11/09	20:16:01	6,778	-73,121	145,0	2,6	Los Santos, Santander
525	2020/11/09	20:31:34	6,799	-73,236	147,0	1,7	Zapatoca, Santander
526	2020/11/09	20:59:29	5,744	-73,787	122,0	1,6	Albania, Santander
527	2020/11/09	21:10:24	5,296	-73,689	162,0	2,0	Lenguazaque, Cundinamarca
528	2020/11/09	21:26:38	3,539	-74,284	7,0	1,4	Uribe, Meta
529	2020/11/09	22:34:04	8,026	-72,822	170,0	2,3	Sardinata, Norte de Santander
530	2020/11/09	22:51:26	3,46	-74,189	5,0	1,3	Mesetas, Meta
531	2020/11/09	23:05:31	1,838	-75,013	3,0	1,7	Puerto Rico, Caquetá
532	2020/11/09	23:29:48	6,834	-73,13	144,0	1,9	Los Santos, Santander
533	2020/11/09	23:43:08	2,407	-79,23	9,0	2,0	Océano Pacífico
534	2020/11/10	02:44:19	5,301	-76,58	51,0	1,3	Cértegui, Chocó
535	2020/11/10	03:12:32	6,795	-73,202	139,0	2,2	Zapatoca, Santander
536	2020/11/10	03:19:03	5,298	-74,818	23,0	0,9	Honda, Tolima
537	2020/11/10	03:33:42	6,022	-73,826	105,0	1,4	El Peñón, Santander
538	2020/11/10	03:36:55	6,843	-73,183	149,0	1,8	Zapatoca, Santander
539	2020/11/10	04:32:02	3,457	-74,205	10,0	1,2	Mesetas, Meta
540	2020/11/10	04:42:52	6,8	-73,167	138,0	2,2	Los Santos, Santander
541	2020/11/10	05:24:00	6,782	-73,166	139,0	1,9	Los Santos, Santander
542	2020/11/10	05:44:01	7,228	-75,616	12,0	1,4	Ituango, Antioquia
543	2020/11/10	06:09:01	9,766	-72,878	0,0	1,6	Venezuela
544	2020/11/10	06:29:38	6,805	-73,175	143,0	1,6	Los Santos, Santander
545	2020/11/10	06:34:08	6,792	-73,172	144,0	1,7	Los Santos, Santander
546	2020/11/10	06:40:04	6,838	-73,214	142,0	1,8	Zapatoca, Santander
547	2020/11/10	07:31:10	3,544	-74,283	9,0	1,6	Uribe, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
548	2020/11/10	07:35:52	6,805	-73,162	144,0	2,1	Los Santos, Santander
549	2020/11/10	07:45:28	6,673	-73,107	132,0	2,5	Curití, Santander
550	2020/11/10	08:14:47	6,726	-73,171	131,0	1,6	Villanueva, Santander
551	2020/11/10	08:17:20	3,34	-74,716	28,0	1,3	Colombia, Huila
552	2020/11/10	08:17:27	6,804	-73,182	146,0	1,5	Los Santos, Santander
553	2020/11/10	08:24:27	6,809	-73,214	141,0	1,9	Zapatoca, Santander
554	2020/11/10	08:41:18	6,724	-73,176	137,0	1,9	Villanueva, Santander
555	2020/11/10	09:51:07	6,542	-73,347	112,0	1,8	Hato, Santander
556	2020/11/10	09:55:56	6,83	-73,236	148,0	3,7	Zapatoca, Santander
557	2020/11/10	10:44:17	6,834	-73,278	108,0	1,6	Zapatoca, Santander
558	2020/11/10	11:02:50	6,631	-73,141	136,0	2,1	Villanueva, Santander
559	2020/11/10	11:29:35	3,53	-74,28	6,0	1,1	Uribe, Meta
560	2020/11/10	12:12:34	2,684	-75,147	33,0	1,6	Algeciras, Huila
561	2020/11/10	13:14:10	6,625	-74,312	70,0	1,4	Cimitarra, Santander
562	2020/11/10	14:15:24	4,898	-74,54	36,0	0,9	Vianí, Cundinamarca
563	2020/11/10	14:33:46	3,531	-74,277	19,0	1,4	Uribe, Meta
564	2020/11/10	14:56:17	4,61	-75,06	22,0	0,7	Anzoátegui, Tolima
565	2020/11/10	15:19:34	6,837	-73,193	154,0	2,0	Zapatoca, Santander
566	2020/11/10	15:39:58	1,847	-76,868	10,0	1,4	Almaguer, Cauca
567	2020/11/10	16:58:14	3,376	-74,46	25,0	1,7	Uribe, Meta
568	2020/11/10	17:16:31	2,446	-76,507	14,0	0,2	Popayán, Cauca
569	2020/11/10	17:19:54	10,022	-72,894	4,0	1,6	Venezuela
570	2020/11/10	17:26:48	9,771	-73,469	0,0	1,7	Becerrill, Cesar
571	2020/11/10	17:30:49	9,596	-73,491	0,0	1,8	El Paso, Cesar
572	2020/11/10	17:56:54	6,762	-73,193	135,0	2,0	Villanueva, Santander
573	2020/11/10	18:21:26	5,809	-74,586	23,0	0,8	Puerto Boyacá, Boyacá
574	2020/11/10	18:41:00	5,314	-73,769	138,0	2,0	Ubaté, Cundinamarca
575	2020/11/10	19:15:28	3,199	-76,384	0,0	1,3	Guachene, Cauca
576	2020/11/10	19:26:22	6,409	-73,639	119,0	1,6	Santa Helena del Opón, Santander
577	2020/11/10	19:32:01	4,426	-74,828	3,0	0,8	Nariño, Cundinamarca
578	2020/11/10	19:56:39	3,848	-71,438	3,0	2,9	Puerto Gaitán, Meta
579	2020/11/10	20:36:34	7,162	-73,26	135,0	1,9	Lebrija, Santander
580	2020/11/10	22:08:29	6,606	-73,438	123,0	1,3	El Carmen, Santander
581	2020/11/10	22:08:47	5,616	-76,001	57,0	1,6	Andes, Antioquia
582	2020/11/10	22:11:55	10,114	-74,991	37,0	2,6	Calamar, Bolívar
583	2020/11/10	22:16:36	6,816	-73,108	143,0	2,4	Los Santos, Santander
584	2020/11/10	22:20:40	3,485	-74,21	10,0	1,4	Mesetas, Meta
585	2020/11/10	22:45:30	3,473	-74,202	11,0	1,2	Mesetas, Meta
586	2020/11/10	22:49:05	6,81	-73,187	145,0	3,9	Zapatoca, Santander
587	2020/11/10	23:03:24	2,708	-75,072	29,0	3,4	San Vicente del Caguán, Caquetá
588	2020/11/10	23:35:32	9,146	-73,038	133,0	2,2	Convención, Norte de Santander
589	2020/11/10	23:52:25	7,035	-73,954	89,0	1,2	Yondó (Casabe), Antioquia
590	2020/11/10	23:55:04	6,792	-73,103	140,0	2,0	Los Santos, Santander
591	2020/11/10	23:58:32	4,97	-76,421	86,0	1,7	San José del Palmar, Chocó
592	2020/11/11	01:01:46	2,452	-75,587	0,0	1,2	Paicol, Huila
593	2020/11/11	01:59:25	6,787	-73,193	141,0	2,1	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
594	2020/11/11	03:00:35	8,692	-77,576	72,0	2,4	Panama-Colombia
595	2020/11/11	03:34:53	1,971	-76,069	28,0	1,4	Pitalito, Huila
596	2020/11/11	04:03:18	3,478	-74,226	7,0	0,9	Mesetas, Meta
597	2020/11/11	04:45:52	4,32	-75,176	22,0	0,9	Ibagué, Tolima
598	2020/11/11	04:47:14	7,25	-71,769	86,0	1,5	Venezuela
599	2020/11/11	05:45:13	5,303	-73,749	138,0	2,2	Lenguazaque, Cundinamarca
600	2020/11/11	06:38:55	6,745	-73,197	130,0	1,9	Villanueva, Santander
601	2020/11/11	06:43:36	7,094	-73,415	116,0	1,5	Betulia, Santander
602	2020/11/11	06:44:24	6,72	-73,133	136,0	1,8	Jordán, Santander
603	2020/11/11	06:52:47	2,232	-76,001	24,0	1,3	La Plata, Huila
604	2020/11/11	06:56:14	3,95	-78,231	10,0	1,9	Océano Pacífico
605	2020/11/11	08:12:43	5,572	-76,24	13,0	0,6	Bagadó, Chocó
606	2020/11/11	08:13:28	6,644	-73,193	148,0	1,9	Barichara, Santander
607	2020/11/11	08:19:09	2,718	-78,838	28,0	1,8	Océano Pacífico
608	2020/11/11	08:21:57	6,835	-73,221	144,0	1,7	Zapatoca, Santander
609	2020/11/11	09:40:58	6,741	-73,326	133,0	1,7	Galán, Santander
610	2020/11/11	09:47:00	6,72	-73,21	134,0	2,0	Barichara, Santander
611	2020/11/11	10:11:01	3,249	-74,396	19,0	0,8	Uribe, Meta
612	2020/11/11	10:16:29	7,264	-73,462	112,0	1,8	Sabana de Torres, Santander
613	2020/11/11	10:38:34	1,925	-73,635	4,0	1,6	Calamar, Guaviare
614	2020/11/11	11:18:26	6,796	-73,146	137,0	1,9	Los Santos, Santander
615	2020/11/11	13:42:28	3,816	-76,069	159,0	1,8	Buga, Valle del Cauca
616	2020/11/11	14:18:14	7,046	-76,178	0,0	1,4	Dabeiba, Antioquia
617	2020/11/11	14:36:49	2,921	-76,037	7,0	2,1	Páez (Belalcázar), Cauca
618	2020/11/11	14:55:21	3,461	-74,209	1,0	1,2	Mesetas, Meta
619	2020/11/11	15:02:23	10,63	-73,9	62,0	1,6	Aracataca, Magdalena
620	2020/11/11	16:23:37	5,937	-73,646	113,0	1,8	Barbosa, Santander
621	2020/11/11	16:39:31	5,275	-73,736	138,0	2,4	Lenguazaque, Cundinamarca
622	2020/11/11	16:40:52	6,81	-73,157	143,0	2,9	Los Santos, Santander
623	2020/11/11	16:52:00	4,522	-73,357	14,0	1,6	Medina, Cundinamarca
624	2020/11/11	17:29:48	3,588	-76,488	102,0	1,7	Yumbo, Valle del Cauca
625	2020/11/11	17:45:07	5,618	-74,971	22,0	1,5	Samaná, Caldas
626	2020/11/11	17:58:36	4,756	-74,586	21,0	0,9	Quipile, Cundinamarca
627	2020/11/11	18:16:54	6,718	-73,117	161,0	1,7	Jordán, Santander
628	2020/11/11	18:30:59	6,808	-73,142	145,0	2,5	Los Santos, Santander
629	2020/11/11	21:39:08	6,371	-73,586	107,0	1,6	Santa Helena del Opón, Santander
630	2020/11/11	21:44:26	6,784	-73,668	112,0	1,5	San Vicente de Chucurí, Santander
631	2020/11/11	22:00:25	3,536	-76,574	0,0	0,8	Yumbo, Valle del Cauca
632	2020/11/11	22:19:35	6,826	-73,186	144,0	1,7	Zapatoca, Santander
633	2020/11/11	22:43:17	6,786	-76,161	0,0	1,5	Frontino, Antioquia
634	2020/11/11	22:47:14	6,793	-73,136	146,0	2,6	Los Santos, Santander
635	2020/11/11	23:48:57	6,792	-73,137	137,0	1,8	Los Santos, Santander
636	2020/11/12	00:03:21	6,83	-76,292	22,0	1,6	Dabeiba, Antioquia
637	2020/11/12	00:23:43	6,815	-72,992	144,0	1,7	Piedecuesta, Santander
638	2020/11/12	00:24:59	2,445	-77,341	114,0	1,6	Timbiquí, Cauca
639	2020/11/12	01:01:41	6,784	-73,145	135,0	2,4	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
640	2020/11/12	02:11:25	3,294	-76,486	50,0	1,6	Puerto Tejada, Cauca
641	2020/11/12	03:15:57	10,636	-73,538	74,0	1,4	Pueblo Bello, Cesar
642	2020/11/12	03:19:19	6,145	-73,763	108,0	1,6	Bolivar, Santander
643	2020/11/12	03:22:43	4,153	-74,036	0,0	1,4	Gutiérrez, Cundinamarca
644	2020/11/12	03:30:09	6,831	-73,145	147,0	2,7	Los Santos, Santander
645	2020/11/12	03:42:50	6,784	-76,033	0,0	1,8	Cañasgordas, Antioquia
646	2020/11/12	03:53:59	5,599	-75,036	0,0	1,1	Samaná, Caldas
647	2020/11/12	04:35:17	7,361	-74,171	3,0	1,5	San Pablo, Bolívar
648	2020/11/12	04:44:07	2,665	-75,683	33,0	2,2	Íquira, Huila
649	2020/11/12	04:58:30	6,818	-73,212	145,0	1,6	Zapatoca, Santander
650	2020/11/12	05:35:34	4,766	-74,653	12,0	0,7	San Juan de Rioseco, Cundinamarca
651	2020/11/12	05:40:42	5,923	-74,065	89,0	1,3	La Belleza, Santander
652	2020/11/12	06:15:34	6,732	-73,231	128,0	1,7	Zapatoca, Santander
653	2020/11/12	06:25:14	10,409	-73,554	74,0	1,6	Pueblo Bello, Cesar
654	2020/11/12	06:28:22	10,32	-73,31	103,0	1,8	Valledupar, Cesar
655	2020/11/12	06:30:43	6,8	-73,193	145,0	1,6	Los Santos, Santander
656	2020/11/12	07:28:08	8,26	-73,225	17,0	1,7	La Playa, Norte de Santander
657	2020/11/12	07:28:44	8,231	-73,215	21,0	1,7	La Playa, Norte de Santander
658	2020/11/12	07:37:30	6,865	-73,174	145,0	1,8	Zapatoca, Santander
659	2020/11/12	08:19:26	1,566	-78,23	40,0	2,1	Barbacoas, Nariño
660	2020/11/12	08:32:45	6,801	-73,175	147,0	1,5	Los Santos, Santander
661	2020/11/12	08:34:42	6,83	-73,219	134,0	1,5	Zapatoca, Santander
662	2020/11/12	08:59:00	5,268	-73,722	134,0	1,7	Lenguazaque, Cundinamarca
663	2020/11/12	09:34:42	6,794	-73,197	142,0	1,6	Los Santos, Santander
664	2020/11/12	09:40:11	6,822	-73,225	140,0	1,6	Zapatoca, Santander
665	2020/11/12	09:40:26	3,694	-74,934	21,0	0,5	Prado, Tolima
666	2020/11/12	10:04:51	3,258	-75,197	23,0	1,0	Villavieja, Huila
667	2020/11/12	10:18:09	3,857	-76,33	130,0	1,3	Buga, Valle del Cauca
668	2020/11/12	10:20:13	6,048	-73,704	116,0	2,6	Vélez, Santander
669	2020/11/12	10:23:46	8,274	-73,162	25,0	1,8	La Playa, Norte de Santander
670	2020/11/12	10:39:58	6,754	-73,107	141,0	2,2	Los Santos, Santander
671	2020/11/12	11:03:58	4,693	-74,674	26,0	1,1	Pulí, Cundinamarca
672	2020/11/12	13:06:09	6,335	-76,108	20,0	1,8	Urroa, Antioquia
673	2020/11/12	13:13:40	3,251	-75,204	14,0	1,1	Villavieja, Huila
674	2020/11/12	14:01:18	6,877	-73,086	153,0	1,8	Los Santos, Santander
675	2020/11/12	14:05:17	4,651	-76,154	88,0	2,5	Versalles, Valle del Cauca
676	2020/11/12	14:24:31	2,631	-75,675	28,0	1,4	Tesalia, Huila
677	2020/11/12	14:27:37	10,524	-73,279	101,0	2,6	Valledupar, Cesar
678	2020/11/12	14:29:19	5,423	-72,398	0,0	1,9	Yopal, Casanare
679	2020/11/12	14:35:18	2,305	-75,53	1,0	1,3	Gigante, Huila
680	2020/11/12	14:38:00	6,433	-76,64	50,0	1,7	Vigia del Fuerte, Antioquia
681	2020/11/12	15:24:33	4,445	-73,195	0,0	1,6	Paratebueno, Cundinamarca
682	2020/11/12	15:38:04	6,837	-73,14	145,0	3,0	Los Santos, Santander
683	2020/11/12	15:58:09	6,332	-73,571	124,0	1,2	Santa Helena del Opón, Santander
684	2020/11/12	16:00:23	6,872	-73,118	125,0	1,7	Los Santos, Santander
685	2020/11/12	16:10:05	6,671	-73,195	150,0	1,8	Barichara, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
686	2020/11/12	16:21:49	2,559	-76,882	20,0	1,5	El Tambo, Cauca
687	2020/11/12	16:52:13	9,585	-74,265	76,0	1,6	Nueva Granada, Magdalena
688	2020/11/12	18:30:09	5,01	-74,786	5,0	0,8	Armero (Guayabal), Tolima
689	2020/11/12	19:14:18	6,266	-73,347	70,0	1,5	Oiba, Santander
690	2020/11/12	20:05:43	3,467	-74,213	16,0	1,4	Mesetas, Meta
691	2020/11/12	20:32:34	3,171	-75,885	13,0	1,4	Planadas, Tolima
692	2020/11/12	21:19:36	6,771	-73,174	151,0	1,8	Los Santos, Santander
693	2020/11/12	22:06:09	6,813	-73,171	143,0	2,4	Los Santos, Santander
694	2020/11/12	22:18:16	6,225	-75,305	9,0	1,0	Marinilla, Antioquia
695	2020/11/12	22:21:34	6,905	-73,021	167,0	2,0	Piedecuesta, Santander
696	2020/11/12	22:25:14	6,53	-73,67	36,0	1,2	Simacota, Santander
697	2020/11/12	22:41:22	4,32	-75,155	19,0	0,8	Rovira, Tolima
698	2020/11/12	22:41:42	4,34	-75,14	18,0	1,1	Ibagué, Tolima
699	2020/11/12	22:49:19	6,732	-73,12	139,0	2,3	Los Santos, Santander
700	2020/11/12	23:15:40	3,126	-76,423	11,0	1,3	Guachene, Cauca
701	2020/11/12	23:19:31	6,805	-73,155	147,0	3,2	Los Santos, Santander
702	2020/11/12	23:26:05	6,737	-73,12	135,0	2,0	Los Santos, Santander
703	2020/11/12	23:49:33	6,775	-73,188	143,0	1,6	Los Santos, Santander
704	2020/11/13	00:01:14	1,949	-78,442	37,0	2,5	Roberto Payán (San José), Nariño
705	2020/11/13	00:12:32	6,787	-73,146	127,0	1,8	Los Santos, Santander
706	2020/11/13	00:22:43	6,778	-73,102	142,0	2,7	Los Santos, Santander
707	2020/11/13	01:27:22	6,821	-73,124	139,0	2,2	Los Santos, Santander
708	2020/11/13	01:39:03	10,766	-72,166	2,0	2,1	Venezuela
709	2020/11/13	02:12:43	6,754	-73,163	134,0	2,1	Los Santos, Santander
710	2020/11/13	02:47:20	3,676	-76,887	24,0	1,3	Buenaventura, Valle del Cauca
711	2020/11/13	03:47:23	6,244	-74,358	14,0	2,0	Cimitarra, Santander
712	2020/11/13	03:52:30	6,445	-73,685	108,0	1,7	Vélez, Santander
713	2020/11/13	04:13:00	6,264	-73,69	115,0	1,2	La Paz, Santander
714	2020/11/13	04:19:25	2,152	-76,485	8,0	0,2	None
715	2020/11/13	04:52:57	4,754	-75,95	53,0	1,7	Cartago, Valle del Cauca
716	2020/11/13	04:59:42	4,277	-77,794	2,0	1,8	Océano Pacífico
717	2020/11/13	05:02:12	3,962	-78,756	14,0	2,1	Océano Pacífico
718	2020/11/13	05:06:50	6,872	-73,249	145,0	2,0	Zapatoca, Santander
719	2020/11/13	05:33:41	1,524	-78,183	65,0	2,3	Barbacoas, Nariño
720	2020/11/13	05:51:15	5,637	-76,435	27,0	1,9	Lloró, Chocó
721	2020/11/13	06:17:30	5,662	-73,463	15,0	1,7	Chíquiza, Boyacá
722	2020/11/13	07:16:34	6,001	-76,667	90,0	1,6	Medio Atrato (Beté), Chocó
723	2020/11/13	07:19:30	4,489	-75,438	10,0	0,7	Cajamarca, Tolima
724	2020/11/13	07:45:18	4,133	-78,348	0,0	1,9	Océano Pacífico
725	2020/11/13	08:03:45	10,854	-73,928	33,0	1,2	Ciénaga, Magdalena
726	2020/11/13	08:39:20	6,766	-73,163	148,0	1,7	Los Santos, Santander
727	2020/11/13	09:00:13	2,931	-76,041	9,0	1,2	Páez (Belalcázar), Cauca
728	2020/11/13	09:20:35	6,782	-73,19	152,0	1,7	Los Santos, Santander
729	2020/11/13	09:30:19	7,152	-76,907	19,0	1,8	Carmen del Darién (Curbaradó), Chocó
730	2020/11/13	10:02:00	6,847	-73,15	137,0	1,8	Los Santos, Santander
731	2020/11/13	11:53:48	6,754	-73,177	148,0	1,8	Villanueva, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
732	2020/11/13	12:15:04	6,804	-73,15	134,0	2,0	Los Santos, Santander
733	2020/11/13	12:38:57	6,753	-76,697	1,0	2,0	Murindó, Antioquia
734	2020/11/13	13:09:01	6,37	-74,844	4,0	0,9	San Roque, Antioquia
735	2020/11/13	13:26:58	6,814	-73,099	154,0	2,0	Los Santos, Santander
736	2020/11/13	14:34:15	7,79	-76,361	110,0	1,4	Tierralta, Córdoba
737	2020/11/13	14:36:58	3,996	-76,384	111,0	1,5	Yotoco, Valle del Cauca
738	2020/11/13	14:51:59	8,634	-73,96	72,0	1,8	Rioviejo, Bolívar
739	2020/11/13	15:33:31	6,873	-73,15	143,0	1,6	Los Santos, Santander
740	2020/11/13	16:41:07	6,83	-73,138	146,0	1,4	Los Santos, Santander
741	2020/11/13	16:41:28	3,425	-74,662	28,0	0,9	Colombia, Huila
742	2020/11/13	16:45:06	6,84	-73,207	150,0	2,2	Zapatoca, Santander
743	2020/11/13	18:09:01	5,094	-76,485	27,0	1,2	Condoto, Chocó
744	2020/11/13	18:12:22	7,97	-75,421	33,0	1,9	Montelíbano, Córdoba
745	2020/11/13	18:47:57	6,814	-73,187	149,0	2,3	Zapatoca, Santander
746	2020/11/13	19:07:51	3,901	-76,294	116,0	1,3	Buga, Valle del Cauca
747	2020/11/13	19:25:55	5,33	-73,814	141,0	2,0	Ubaté, Cundinamarca
748	2020/11/13	19:41:55	11,557	-73,394	25,0	1,6	Mar Caribe
749	2020/11/13	21:00:58	6,856	-73,135	142,0	2,0	Los Santos, Santander
750	2020/11/13	21:15:55	2,272	-76,033	0,0	0,9	La Plata, Huila
751	2020/11/13	21:25:40	4,331	-75,3	20,0	1,0	Rovira, Tolima
752	2020/11/13	21:51:05	6,792	-73,368	120,0	2,2	San Vicente de Chucurí, Santander
753	2020/11/13	21:52:02	5,279	-73,791	140,0	2,7	Ubaté, Cundinamarca
754	2020/11/13	22:14:29	6,886	-73,176	147,0	1,9	Zapatoca, Santander
755	2020/11/13	23:20:53	6,769	-73,172	145,0	1,8	Los Santos, Santander
756	2020/11/13	23:25:58	6,835	-73,181	136,0	2,0	Zapatoca, Santander
757	2020/11/13	23:46:05	6,015	-73,793	35,0	2,0	Bolívar, Santander
758	2020/11/14	00:05:09	3,515	-74,138	24,0	1,8	Mesetas, Meta
759	2020/11/14	01:57:43	5,322	-74,105	116,0	2,4	San Cayetano, Cundinamarca
760	2020/11/14	02:04:59	6,8	-73,09	138,0	2,4	Los Santos, Santander
761	2020/11/14	02:42:05	6,8	-73,174	140,0	1,7	Los Santos, Santander
762	2020/11/14	02:54:19	6,461	-76,741	40,0	2,4	Vigia del Fuerte, Antioquia
763	2020/11/14	03:49:30	6,556	-73,403	115,0	1,4	Hato, Santander
764	2020/11/14	04:09:00	6,81	-73,155	150,0	3,4	Los Santos, Santander
765	2020/11/14	05:02:21	4,75	-76,138	88,0	1,4	Argelia, Valle del Cauca
766	2020/11/14	05:05:47	3,381	-74,128	2,0	1,2	Mesetas, Meta
767	2020/11/14	05:19:01	3,463	-74,192	6,0	1,1	Mesetas, Meta
768	2020/11/14	05:44:13	6,824	-73,116	147,0	1,8	Los Santos, Santander
769	2020/11/14	06:56:03	6,782	-73,413	126,0	1,7	San Vicente de Chucurí, Santander
770	2020/11/14	07:33:28	3,895	-71,586	3,0	2,1	Puerto Gaitán, Meta
771	2020/11/14	09:08:11	6,028	-76,46	2,0	1,7	Medio Atrato (Beté), Chocó
772	2020/11/14	09:29:55	8,997	-74,203	81,0	1,7	Margarita, Bolívar
773	2020/11/14	10:04:31	6,859	-73,149	153,0	2,6	Los Santos, Santander
774	2020/11/14	10:20:07	6,903	-73,448	109,0	1,7	San Vicente de Chucurí, Santander
775	2020/11/14	10:38:54	3,113	-76,408	0,0	1,3	Guachene, Cauca
776	2020/11/14	10:53:12	3,423	-74,4	34,0	1,3	Uribe, Meta
777	2020/11/14	11:30:09	7,686	-72,618	0,0	2,3	Bochalema, Norte de Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
778	2020/11/14	12:20:01	2,698	-77,05	4,0	1,1	El Tambo, Cauca
779	2020/11/14	12:21:18	6,817	-73,144	149,0	2,5	Los Santos, Santander
780	2020/11/14	12:26:39	6,823	-73,047	143,0	2,1	Los Santos, Santander
781	2020/11/14	12:32:54	7,401	-75,251	60,0	1,6	Tarazá, Antioquia
782	2020/11/14	14:24:56	2,441	-76,525	13,0	0,4	Popayán, Cauca
783	2020/11/14	14:40:08	10,806	-73,652	50,0	1,8	Aracataca, Magdalena
784	2020/11/14	14:59:35	10,3	-73,929	69,0	2,1	El Copey, Cesar
785	2020/11/14	16:12:55	6,732	-73,15	141,0	2,2	Los Santos, Santander
786	2020/11/14	16:24:00	3,33	-74,43	8,0	0,9	Uribe, Meta
787	2020/11/14	16:36:27	12,506	-73,307	25,0	2,3	Mar Caribe
788	2020/11/14	16:37:48	6,972	-72,132	0,0	2,0	Cubará, Boyacá
789	2020/11/14	16:44:22	5,125	-74,78	19,0	0,9	Honda, Tolima
790	2020/11/14	17:36:48	3,912	-71,584	2,0	2,3	Puerto Gaitán, Meta
791	2020/11/14	17:46:43	6,766	-73,141	140,0	2,2	Los Santos, Santander
792	2020/11/14	17:56:21	6,803	-73,14	146,0	3,5	Los Santos, Santander
793	2020/11/14	19:08:55	2,918	-76,114	0,0	1,0	Páez (Belalcázar), Cauca
794	2020/11/14	20:15:14	6,418	-74,868	16,0	1,3	San Roque, Antioquia
795	2020/11/14	20:42:36	6,733	-73,16	153,0	1,8	Villanueva, Santander
796	2020/11/14	21:29:59	6,572	-73,432	124,0	1,8	El Carmen, Santander
797	2020/11/14	22:44:33	6,674	-77,193	0,0	2,0	Bojayá (Bellavista), Chocó
798	2020/11/14	22:48:13	3,499	-74,205	10,0	2,0	Mesetas, Meta
799	2020/11/14	23:12:28	10,716	-73,865	18,0	1,9	Aracataca, Magdalena
800	2020/11/14	23:15:49	6,741	-73,171	135,0	2,2	Los Santos, Santander
801	2020/11/14	23:52:54	6,676	-73,192	151,0	1,9	Barichara, Santander
802	2020/11/15	00:12:30	6,805	-73,19	140,0	1,8	Los Santos, Santander
803	2020/11/15	00:33:00	6,794	-73,185	143,0	1,9	Los Santos, Santander
804	2020/11/15	00:49:43	7,786	-73,235	123,0	1,8	La Esperanza, Norte de Santander
805	2020/11/15	02:56:38	6,834	-76,478	0,0	1,8	Dabeiba, Antioquia
806	2020/11/15	03:05:57	6,575	-73,556	111,0	1,9	El Carmen, Santander
807	2020/11/15	03:09:00	6,846	-73,176	148,0	2,3	Zapatoca, Santander
808	2020/11/15	04:00:02	6,065	-73,718	109,0	1,6	Vélez, Santander
809	2020/11/15	04:01:34	6,734	-73,218	143,0	1,7	Villanueva, Santander
810	2020/11/15	04:11:01	6,666	-73,194	139,0	2,0	Villanueva, Santander
811	2020/11/15	04:47:09	6,114	-73,77	94,0	1,5	Bolívar, Santander
812	2020/11/15	04:48:09	6,809	-73,069	145,0	1,8	Los Santos, Santander
813	2020/11/15	04:58:05	6,803	-73,214	142,0	2,0	Zapatoca, Santander
814	2020/11/15	05:05:19	6,881	-73,103	125,0	1,6	Los Santos, Santander
815	2020/11/15	05:15:05	6,741	-73,244	131,0	1,8	Zapatoca, Santander
816	2020/11/15	05:31:45	5,605	-74,014	110,0	2,1	Pauna, Boyacá
817	2020/11/15	05:53:31	7,08	-72,297	16,0	1,8	Toledo, Norte de Santander
818	2020/11/15	06:03:09	5,628	-73,895	87,0	1,5	Bricieño, Boyacá
819	2020/11/15	07:22:05	6,798	-73,242	143,0	3,3	Zapatoca, Santander
820	2020/11/15	07:43:14	6,747	-73,062	140,0	2,2	Los Santos, Santander
821	2020/11/15	07:57:43	6,694	-73,103	138,0	2,0	Jordán, Santander
822	2020/11/15	08:17:39	6,399	-77,184	0,0	1,9	Bojayá (Bellavista), Chocó
823	2020/11/15	08:21:15	5,075	-76,508	40,0	1,6	Condoto, Chocó

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
824	2020/11/15	08:22:10	6,715	-73,18	139,0	1,9	Villanueva, Santander
825	2020/11/15	08:51:51	4,099	-76,3	104,0	1,4	Tuluá, Valle del Cauca
826	2020/11/15	09:33:06	6,694	-73,12	139,0	2,1	Jordán, Santander
827	2020/11/15	09:46:32	6,724	-73,069	134,0	1,9	Jordán, Santander
828	2020/11/15	09:54:41	7,096	-77,309	10,0	1,9	Riosucio, Chocó
829	2020/11/15	10:17:39	1,918	-75,994	20,0	0,7	Pitalito, Huila
830	2020/11/15	10:32:28	5,578	-74,118	117,0	1,5	Muzo, Boyacá
831	2020/11/15	10:39:17	2,404	-79,447	0,0	2,4	Océano Pacifico
832	2020/11/15	12:20:04	3,129	-75,908	13,0	1,3	Planadas, Tolima
833	2020/11/15	12:55:46	5,123	-76,274	52,0	1,8	San José del Palmar, Chocó
834	2020/11/15	13:44:29	5,398	-74,714	13,0	0,8	La Dorada, Caldas
835	2020/11/15	14:05:00	3,3	-74,418	10,0	1,7	Uribe, Meta
836	2020/11/15	14:11:11	5,684	-74,29	84,0	1,4	Yacopí, Cundinamarca
837	2020/11/15	14:50:11	6,882	-73,172	145,0	1,8	Zapatoca, Santander
838	2020/11/15	15:04:47	3,485	-74,223	12,0	2,0	Mesetas, Meta
839	2020/11/15	15:17:34	6,656	-73,236	150,0	1,9	Barichara, Santander
840	2020/11/15	15:21:27	5,802	-74,292	87,0	1,3	Puerto Boyacá, Boyacá
841	2020/11/15	15:30:58	6,76	-73,202	149,0	1,8	Villanueva, Santander
842	2020/11/15	15:39:28	7,149	-75,02	24,0	1,0	Anorí, Antioquia
843	2020/11/15	15:55:19	3,824	-76,819	38,0	1,5	Buenaventura, Valle del Cauca
844	2020/11/15	15:58:53	6,745	-73,18	134,0	2,0	Villanueva, Santander
845	2020/11/15	16:25:27	6,309	-76,166	67,0	1,6	Urao, Antioquia
846	2020/11/15	16:39:23	4,452	-75,115	31,0	0,9	Ibagué, Tolima
847	2020/11/15	16:51:36	6,533	-73,561	119,0	1,7	Simacota, Santander
848	2020/11/15	16:58:06	3,489	-74,211	8,0	1,5	Mesetas, Meta
849	2020/11/15	19:06:30	5,288	-74,912	12,0	1,1	Mariquita, Tolima
850	2020/11/15	19:48:30	6,824	-73,206	150,0	2,1	Zapatoca, Santander
851	2020/11/15	20:24:42	6,829	-73,167	150,0	1,9	Los Santos, Santander
852	2020/11/15	21:52:41	5,213	-73,769	141,0	2,0	Cucunubá, Cundinamarca
853	2020/11/15	21:53:34	7,291	-73,276	117,0	1,9	Lebrija, Santander
854	2020/11/15	22:01:49	6,586	-73,421	119,0	2,3	Hato, Santander
855	2020/11/15	23:54:13	2,381	-75,588	23,0	1,6	Gigante, Huila
856	2020/11/16	00:34:21	5,453	-74,548	3,0	1,8	Caparrapí, Cundinamarca
857	2020/11/16	00:41:47	6,814	-73,157	147,0	3,0	Los Santos, Santander
858	2020/11/16	01:18:01	7,444	-75,162	3,0	1,8	Cáceres, Antioquia
859	2020/11/16	01:47:50	5,4	-73,779	136,0	2,3	Fúquene, Cundinamarca
860	2020/11/16	03:01:45	7,404	-73,164	134,0	2,1	Rionegro, Santander
861	2020/11/16	03:38:13	6,778	-73,197	142,0	1,9	Los Santos, Santander
862	2020/11/16	03:55:29	6,743	-73,208	143,0	2,0	Villanueva, Santander
863	2020/11/16	03:59:24	6,845	-73,139	143,0	2,4	Los Santos, Santander
864	2020/11/16	04:33:13	6,804	-73,24	139,0	1,9	Zapatoca, Santander
865	2020/11/16	05:12:00	6,571	-73,594	24,0	1,0	El Carmen, Santander
866	2020/11/16	05:38:37	6,856	-73,484	115,0	1,6	San Vicente de Chucurí, Santander
867	2020/11/16	06:11:15	5,019	-75,085	17,0	0,9	Villahermosa, Tolima
868	2020/11/16	06:13:34	6,745	-73,171	136,0	1,9	Los Santos, Santander
869	2020/11/16	06:53:01	6,047	-74,229	8,0	0,9	Bolívar, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
870	2020/11/16	07:10:55	3,506	-74,225	3,0	0,7	Mesetas, Meta
871	2020/11/16	07:11:30	6,757	-73,194	137,0	1,8	Villanueva, Santander
872	2020/11/16	07:33:43	7,007	-73,116	139,0	1,8	Girón, Santander
873	2020/11/16	07:58:30	6,745	-73,197	135,0	2,0	Villanueva, Santander
874	2020/11/16	08:43:39	6,705	-73,168	144,0	1,7	Villanueva, Santander
875	2020/11/16	08:48:10	4,487	-75,618	17,0	0,9	Calarcá, Quindío
876	2020/11/16	09:25:30	6,78	-73,243	141,0	2,3	Zapatoca, Santander
877	2020/11/16	09:46:49	6,749	-73,206	137,0	1,9	Villanueva, Santander
878	2020/11/16	10:01:09	6,64	-73,227	150,0	1,8	Barichara, Santander
879	2020/11/16	10:10:42	6,806	-73,159	144,0	1,7	Los Santos, Santander
880	2020/11/16	10:39:38	3,368	-78,816	26,0	2,8	Océano Pacífico
881	2020/11/16	10:46:22	5,303	-73,774	136,0	2,6	Ubaté, Cundinamarca
882	2020/11/16	12:30:53	6,364	-74,844	8,0	1,0	San Roque, Antioquia
883	2020/11/16	12:34:13	6,084	-74,161	86,0	1,3	Bolívar, Santander
884	2020/11/16	12:37:16	8,977	-73,746	79,0	1,8	Tamalameque, Cesar
885	2020/11/16	13:18:05	6,577	-74,317	40,0	1,8	Cimitarra, Santander
886	2020/11/16	13:59:22	4,885	-76,644	58,0	4,6	Nóvita, Chocó
887	2020/11/16	14:21:14	6,803	-73,18	143,0	1,8	Los Santos, Santander
888	2020/11/16	14:27:34	6,842	-73,169	147,0	2,1	Los Santos, Santander
889	2020/11/16	14:34:12	6,842	-73,155	140,0	2,8	Los Santos, Santander
890	2020/11/16	15:09:35	6,563	-73,606	109,0	1,7	El Carmen, Santander
891	2020/11/16	15:36:23	10,863	-73,078	47,0	2,0	San Juan del Cesar, la Guajira
892	2020/11/16	15:45:15	6,758	-73,144	149,0	2,0	Los Santos, Santander
893	2020/11/16	16:04:20	7,427	-73,166	135,0	2,0	Rionegro, Santander
894	2020/11/16	16:36:25	6,779	-73,274	140,0	1,9	Zapatoca, Santander
895	2020/11/16	16:45:30	6,762	-73,246	147,0	2,0	Zapatoca, Santander
896	2020/11/16	17:02:51	5,752	-74,789	19,0	1,3	Sonsón, Antioquia
897	2020/11/16	17:02:57	6,832	-73,142	152,0	2,2	Los Santos, Santander
898	2020/11/16	17:34:45	7,506	-73,316	5,0	1,7	El Playón, Santander
899	2020/11/16	17:38:54	6,408	-74,834	23,0	1,1	San Roque, Antioquia
900	2020/11/16	18:06:12	6,82	-73,145	135,0	2,3	Los Santos, Santander
901	2020/11/16	18:19:28	6,182	-76,696	25,0	1,7	Vigia del Fuerte, Antioquia
902	2020/11/16	18:25:22	9,589	-73,235	106,0	1,4	La Jagua de Ibirico, Cesar
903	2020/11/16	22:06:19	6,829	-73,162	141,0	2,5	Los Santos, Santander
904	2020/11/16	22:19:09	3,498	-74,202	10,0	1,9	Mesetas, Meta
905	2020/11/16	23:05:39	6,783	-73,116	136,0	2,2	Los Santos, Santander
906	2020/11/16	23:11:41	5,285	-73,747	136,0	2,0	Cucunubá, Cundinamarca
907	2020/11/16	23:19:54	6,824	-73,151	155,0	4,2	Los Santos, Santander
908	2020/11/17	00:24:25	4,712	-74,63	30,0	2,7	Pulí, Cundinamarca
909	2020/11/17	01:29:50	5,988	-73,833	108,0	1,3	Bolívar, Santander
910	2020/11/17	02:40:54	6,35	-74,788	19,0	1,3	San Roque, Antioquia
911	2020/11/17	03:09:46	7,43	-73,861	24,0	1,1	Puerto Wilches, Santander
912	2020/11/17	03:23:26	6,775	-73,129	144,0	2,2	Los Santos, Santander
913	2020/11/17	03:25:31	2,199	-75,707	37,0	1,2	Agrado, Huila
914	2020/11/17	03:56:17	6,794	-73,184	144,0	1,9	Los Santos, Santander
915	2020/11/17	04:09:56	6,814	-73,114	139,0	1,9	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
916	2020/11/17	04:50:51	6,802	-73,168	144,0	1,9	Los Santos, Santander
917	2020/11/17	05:04:53	2,42	-76,136	14,0	1,2	Inzá, Cauca
918	2020/11/17	05:07:07	4,712	-76,031	45,0	1,5	Ansermanuevo, Valle del Cauca
919	2020/11/17	05:18:32	2,373	-75,683	21,0	2,3	Paicol, Huila
920	2020/11/17	05:31:39	2,903	-76,878	116,0	1,4	Morales, Cauca
921	2020/11/17	06:26:59	6,804	-73,15	144,0	2,3	Los Santos, Santander
922	2020/11/17	06:57:56	2,399	-76,123	19,0	1,2	Inzá, Cauca
923	2020/11/17	07:02:50	2,814	-77,69	29,0	2,0	Timbiquí, Cauca
924	2020/11/17	07:14:39	4,67	-74,981	25,0	1,3	Alvarado, Tolima
925	2020/11/17	07:40:00	1,821	-76,609	10,0	0,7	Santa Rosa, Cauca
926	2020/11/17	08:02:03	5,852	-73,581	112,0	1,8	Moniquirá, Boyacá
927	2020/11/17	08:51:52	5,234	-73,722	133,0	2,0	Cucunubá, Cundinamarca
928	2020/11/17	09:01:52	2,018	-76,063	28,0	1,9	Saladoblanco, Huila
929	2020/11/17	09:09:21	2,886	-78,122	7,0	1,4	Océano Pacífico
930	2020/11/17	09:17:08	5,148	-72,997	23,0	1,4	Páez, Boyacá
931	2020/11/17	09:41:34	6,783	-73,141	141,0	2,2	Los Santos, Santander
932	2020/11/17	10:31:23	4,973	-74,874	4,0	0,7	Armero (Guayabal), Tolima
933	2020/11/17	11:07:10	6,867	-73,217	145,0	1,9	Zapatoca, Santander
934	2020/11/17	11:16:36	4,001	-76,891	43,0	3,0	Buenaventura, Valle del Cauca
935	2020/11/17	11:28:10	2,557	-75,519	35,0	1,5	Yaguará, Huila
936	2020/11/17	11:34:11	10,292	-73,789	47,0	1,8	El Copey, Cesar
937	2020/11/17	11:45:12	3,809	-76,952	24,0	1,8	Buenaventura, Valle del Cauca
938	2020/11/17	11:48:29	6,902	-73,144	131,0	2,3	Girón, Santander
939	2020/11/17	12:40:14	5,248	-73,725	134,0	2,4	Cucunubá, Cundinamarca
940	2020/11/17	14:22:23	5,643	-73,021	3,0	1,7	Firavitoba, Boyacá
941	2020/11/17	14:24:59	2,523	-75,582	14,0	1,3	Tesalia, Huila
942	2020/11/17	14:47:08	3,494	-74,256	5,0	1,5	Mesetas, Meta
943	2020/11/17	15:20:04	6,791	-73,107	148,0	2,2	Los Santos, Santander
944	2020/11/17	15:43:05	6,402	-73,712	98,0	1,6	Landázuri, Santander
945	2020/11/17	15:50:20	5,379	-75,701	0,0	0,8	Quinchía, Risaralda
946	2020/11/17	16:20:38	4,802	-76,262	96,0	2,4	San José del Palmar, Chocó
947	2020/11/17	16:25:33	7,373	-75,671	46,0	2,6	Ituango, Antioquia
948	2020/11/17	16:54:32	7,262	-75,184	5,0	2,8	Anorí, Antioquia
949	2020/11/17	17:10:55	5,384	-73,837	131,0	1,9	Susa, Cundinamarca
950	2020/11/17	17:19:54	5,675	-74,341	78,0	1,4	Yacopí, Cundinamarca
951	2020/11/17	17:22:32	6,792	-73,124	138,0	2,4	Los Santos, Santander
952	2020/11/17	19:13:27	6,678	-74,476	19,0	1,2	Puerto Berrío, Antioquia
953	2020/11/17	19:20:09	2,758	-75,022	0,0	1,4	San Vicente del Caguán, Caquetá
954	2020/11/17	19:56:33	11,227	-73,78	25,0	2,0	Santa Marta, Magdalena
955	2020/11/17	20:23:27	6,828	-73,181	144,0	2,0	Zapatoca, Santander
956	2020/11/17	20:38:02	6,759	-73,153	139,0	2,5	Los Santos, Santander
957	2020/11/17	21:21:21	6,776	-73,186	144,0	1,9	Los Santos, Santander
958	2020/11/17	21:48:33	5,302	-73,777	145,0	2,0	Ubaté, Cundinamarca
959	2020/11/17	22:03:40	12,114	-73,457	36,0	2,5	Mar Caribe
960	2020/11/17	23:36:40	6,816	-73,147	142,0	1,9	Los Santos, Santander
961	2020/11/18	00:37:31	6,845	-73,162	145,0	1,7	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
962	2020/11/18	00:54:17	6,822	-73,157	142,0	2,6	Los Santos, Santander
963	2020/11/18	01:22:28	6,925	-73,276	123,0	1,8	Betulia, Santander
964	2020/11/18	01:49:43	10,533	-74,106	22,0	1,5	Aracataca, Magdalena
965	2020/11/18	01:51:16	6,831	-73,162	143,0	2,9	Los Santos, Santander
966	2020/11/18	02:40:54	6,819	-73,177	141,0	1,9	Los Santos, Santander
967	2020/11/18	04:24:58	2,188	-75,521	0,0	1,5	Garzón, Huila
968	2020/11/18	05:13:29	6,808	-73,108	143,0	2,4	Los Santos, Santander
969	2020/11/18	05:23:20	5,326	-76,912	62,0	1,7	Alto Baudó (Pie de Pato), Chocó
970	2020/11/18	05:57:04	5,192	-78,13	20,0	2,1	Océano Pacífico
971	2020/11/18	06:29:01	6,771	-73,069	143,0	2,1	Los Santos, Santander
972	2020/11/18	07:07:39	3,69	-75,19	27,0	1,0	Coyaima, Tolima
973	2020/11/18	07:55:17	6,745	-73,081	135,0	2,0	Los Santos, Santander
974	2020/11/18	08:20:18	6,842	-73,296	130,0	1,9	Zapatoca, Santander
975	2020/11/18	08:48:54	3,35	-79,237	7,0	1,8	Océano Pacífico
976	2020/11/18	09:04:58	2,825	-76,539	133,0	2,6	Caldono, Cauca
977	2020/11/18	09:07:32	2,475	-75,689	27,0	1,4	Tesalia, Huila
978	2020/11/18	09:29:27	6,717	-73,168	139,0	2,2	Villanueva, Santander
979	2020/11/18	09:29:46	10,216	-73,202	120,0	1,7	San Diego, Cesar
980	2020/11/18	09:51:56	6,786	-73,123	140,0	2,4	Los Santos, Santander
981	2020/11/18	10:03:09	3,26	-74,549	20,0	1,3	Uribe, Meta
982	2020/11/18	11:24:22	3,611	-74,395	21,0	1,7	Uribe, Meta
983	2020/11/18	11:28:43	8,872	-73,631	97,0	1,8	Pailitas, Cesar
984	2020/11/18	11:39:23	6,795	-73,181	147,0	3,0	Los Santos, Santander
985	2020/11/18	12:06:47	6,774	-73,14	147,0	2,4	Los Santos, Santander
986	2020/11/18	12:29:20	10,271	-74,66	63,0	1,7	El Piñón, Magdalena
987	2020/11/18	12:32:06	8,284	-73,396	98,0	1,9	Rio de Oro, Cesar
988	2020/11/18	13:24:30	5,777	-72,535	23,0	2,1	Pisva, Boyacá
989	2020/11/18	13:27:02	6,764	-73,148	141,0	1,6	Los Santos, Santander
990	2020/11/18	14:08:28	3,279	-74,388	30,0	2,6	Uribe, Meta
991	2020/11/18	14:11:53	7,943	-73,213	139,0	2,0	Ábrego, Norte de Santander
992	2020/11/18	14:20:42	6,814	-73,199	145,0	1,6	Zapatoca, Santander
993	2020/11/18	14:31:51	6,792	-73,207	145,0	1,9	Zapatoca, Santander
994	2020/11/18	15:31:16	3,812	-76,934	17,0	1,8	Buenaventura, Valle del Cauca
995	2020/11/18	17:39:23	6,841	-72,964	144,0	1,9	Piedecuesta, Santander
996	2020/11/18	17:41:51	6,776	-73,262	144,0	1,8	Zapatoca, Santander
997	2020/11/18	18:05:16	6,741	-73,195	149,0	1,8	Villanueva, Santander
998	2020/11/18	18:19:28	6,788	-73,151	152,0	2,3	Los Santos, Santander
999	2020/11/18	19:00:56	6,83	-73,17	150,0	2,6	Los Santos, Santander
1000	2020/11/18	19:01:40	3,438	-74,174	6,0	1,5	Mesetas, Meta
1001	2020/11/18	19:10:22	6,795	-73,183	146,0	1,9	Los Santos, Santander
1002	2020/11/18	19:55:20	10,745	-73,306	79,0	1,7	Valledupar, Cesar
1003	2020/11/18	20:39:04	3,004	-74,775	33,0	1,7	Uribe, Meta
1004	2020/11/18	21:38:52	3,456	-74,16	0,0	1,4	Mesetas, Meta
1005	2020/11/18	21:50:41	6,86	-73,154	143,0	1,4	Los Santos, Santander
1006	2020/11/18	21:56:55	6,864	-73,141	145,0	1,6	Los Santos, Santander
1007	2020/11/18	22:21:56	3,531	-76,519	2,0	1,0	Yumbo, Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1008	2020/11/18	22:42:06	4,484	-76,21	101,0	1,5	Roldanillo, Valle del Cauca
1009	2020/11/18	23:07:27	6,384	-74,847	9,0	0,9	San Roque, Antioquia
1010	2020/11/18	23:53:01	6,842	-73,204	142,0	1,7	Zapatoca, Santander
1011	2020/11/19	00:04:21	3,193	-76,99	30,0	1,1	Buenaventura, Valle del Cauca
1012	2020/11/19	00:20:29	2,472	-78,334	7,0	2,0	Olaya Herrera (Bocas de Satinga), Nariño
1013	2020/11/19	01:27:53	6,694	-73,171	130,0	1,9	Villanueva, Santander
1014	2020/11/19	02:01:33	7,218	-73,055	162,0	2,8	Charta, Santander
1015	2020/11/19	02:29:59	3,448	-74,198	8,0	1,5	Mesetas, Meta
1016	2020/11/19	02:46:08	6,771	-73,137	147,0	2,1	Los Santos, Santander
1017	2020/11/19	02:54:24	6,834	-73,137	148,0	2,6	Los Santos, Santander
1018	2020/11/19	03:02:42	8,217	-74,061	71,0	1,6	Morales, Bolívar
1019	2020/11/19	03:23:07	9,103	-73,077	115,0	2,0	Convención, Norte de Santander
1020	2020/11/19	03:26:08	10,485	-72,87	117,0	1,6	Urumita, la Guajira
1021	2020/11/19	03:51:38	6,854	-76,623	0,0	1,8	Murindó, Antioquia
1022	2020/11/19	04:13:55	6,796	-73,171	131,0	1,9	Los Santos, Santander
1023	2020/11/19	06:10:08	7,361	-75,621	25,0	2,8	Ituango, Antioquia
1024	2020/11/19	06:37:38	6,782	-73,184	142,0	1,7	Los Santos, Santander
1025	2020/11/19	06:39:23	6,724	-73,15	135,0	1,9	Villanueva, Santander
1026	2020/11/19	07:02:06	2,8	-74,252	65,0	1,6	Uribe, Meta
1027	2020/11/19	07:30:44	6,712	-73,212	152,0	1,7	Barichara, Santander
1028	2020/11/19	08:13:10	10,989	-72,461	38,0	1,9	Venezuela
1029	2020/11/19	08:56:10	3,351	-74,701	27,0	1,2	Colombia, Huila
1030	2020/11/19	09:02:38	6,783	-73,3	136,0	1,9	Zapatoca, Santander
1031	2020/11/19	09:44:02	4,221	-75,536	19,0	1,3	Rovira, Tolima
1032	2020/11/19	09:49:19	3,465	-74,215	4,0	1,1	Mesetas, Meta
1033	2020/11/19	09:51:54	2,571	-75,447	27,0	1,2	Hobo, Huila
1034	2020/11/19	10:32:32	6,758	-73,141	134,0	2,1	Los Santos, Santander
1035	2020/11/19	10:34:38	8,158	-74,744	30,0	1,3	San Jacinto del Cauca, Bolívar
1036	2020/11/19	11:19:31	6,586	-73,695	102,0	2,5	Simacota, Santander
1037	2020/11/19	11:47:41	7,427	-75,717	56,0	1,3	Tarazá, Antioquia
1038	2020/11/19	12:06:20	6,724	-73,18	136,0	1,7	Villanueva, Santander
1039	2020/11/19	12:14:37	6,774	-73,527	110,0	2,5	El Carmen, Santander
1040	2020/11/19	12:18:22	4,41	-76,01	2,0	1,0	Zarzal, Valle del Cauca
1041	2020/11/19	13:08:08	5,852	-73,581	115,0	1,8	Moniquirá, Boyacá
1042	2020/11/19	13:08:23	2,44	-75,528	1,0	1,4	Gigante, Huila
1043	2020/11/19	13:16:44	6,797	-73,207	139,0	2,2	Zapatoca, Santander
1044	2020/11/19	13:58:55	7,399	-73,904	88,0	1,4	Cantagallo, Bolívar
1045	2020/11/19	14:00:57	6,675	-73,2	153,0	1,7	Barichara, Santander
1046	2020/11/19	14:01:50	3,506	-74,233	5,0	1,5	Mesetas, Meta
1047	2020/11/19	14:05:45	6,809	-73,15	137,0	2,1	Los Santos, Santander
1048	2020/11/19	14:10:39	6,694	-73,172	155,0	2,1	Villanueva, Santander
1049	2020/11/19	14:38:22	6,801	-73,23	148,0	1,9	Zapatoca, Santander
1050	2020/11/19	14:58:35	2,691	-76,99	18,0	1,1	El Tambo, Cauca
1051	2020/11/19	14:59:19	2,53	-75,394	23,0	1,5	Hobo, Huila
1052	2020/11/19	15:13:30	3,44	-74,181	15,0	1,6	Mesetas, Meta
1053	2020/11/19	15:22:42	3,28	-76,228	0,0	1,2	Florida, Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1054	2020/11/19	15:42:50	3,459	-76,836	56,0	2,5	Buenaventura, Valle del Cauca
1055	2020/11/19	15:57:42	3,888	-76,815	28,0	1,6	Calima (El Darién), Valle del Cauca
1056	2020/11/19	16:07:16	7,201	-79,719	0,0	2,5	Sur de Panama
1057	2020/11/19	16:18:08	2,41	-75,641	0,0	1,2	Paicol, Huila
1058	2020/11/19	16:27:59	6,797	-73,212	139,0	1,9	Zapatoca, Santander
1059	2020/11/19	16:51:41	3,883	-76,248	125,0	1,7	Buga, Valle del Cauca
1060	2020/11/19	16:57:14	7,384	-73,263	125,0	1,9	Rionegro, Santander
1061	2020/11/19	17:16:29	6,804	-73,197	145,0	1,7	Zapatoca, Santander
1062	2020/11/19	17:45:15	4,468	-76,3	122,0	1,6	Bolívar, Valle del Cauca
1063	2020/11/19	18:06:41	6,554	-76,92	0,0	2,0	Bojayá (Bellavista), Chocó
1064	2020/11/19	20:09:35	5,592	-74,1	42,0	1,2	Muzo, Boyacá
1065	2020/11/19	21:24:14	6,831	-73,177	145,0	2,7	Zapatoca, Santander
1066	2020/11/19	21:26:24	7,904	-75,095	20,0	1,9	Caucasia, Antioquia
1067	2020/11/19	21:28:46	5,915	-74,874	0,0	1,5	San Francisco, Antioquia
1068	2020/11/19	21:51:06	5,188	-76,443	40,0	1,7	Rio Iró (Santa Rita), Chocó
1069	2020/11/19	21:52:59	6,844	-73,184	143,0	1,7	Zapatoca, Santander
1070	2020/11/19	22:01:56	6,787	-73,159	141,0	1,7	Los Santos, Santander
1071	2020/11/19	23:18:01	4,725	-76,019	107,0	1,3	Ansermanuevo, Valle del Cauca
1072	2020/11/19	23:31:12	7,644	-73,217	129,0	2,4	Cáchira, Norte de Santander
1073	2020/11/20	00:13:42	8,195	-74,409	0,0	2,1	Montecristo, Bolívar
1074	2020/11/20	00:38:33	6,858	-73,135	141,0	1,4	Los Santos, Santander
1075	2020/11/20	00:56:59	6,831	-73,232	152,0	4,7	Zapatoca, Santander
1076	2020/11/20	01:03:50	6,767	-73,17	146,0	4,1	Los Santos, Santander
1077	2020/11/20	01:17:47	6,789	-73,188	147,0	1,7	Los Santos, Santander
1078	2020/11/20	02:15:00	3,545	-74,555	18,0	0,8	Colombia, Huila
1079	2020/11/20	02:17:34	4,358	-76,643	40,0	1,6	El Litoral del San Juan (Docordó), Chocó
1080	2020/11/20	02:32:22	3,59	-74,399	25,0	1,6	Uribe, Meta
1081	2020/11/20	02:33:54	1,99	-76,133	19,0	1,5	Isnos, Huila
1082	2020/11/20	02:55:43	2,73	-75,006	8,0	1,1	San Vicente del Caguán, Caquetá
1083	2020/11/20	03:01:56	6,722	-73,114	141,0	2,2	Jordán, Santander
1084	2020/11/20	05:48:28	4,621	-75,821	22,0	1,0	Quimbaya, Quindío
1085	2020/11/20	06:09:28	3,481	-74,21	13,0	2,1	Mesetas, Meta
1086	2020/11/20	08:04:18	5,713	-73,486	147,0	2,1	Villa de Leiva, Boyacá
1087	2020/11/20	10:44:40	6,788	-73,151	145,0	2,3	Los Santos, Santander
1088	2020/11/20	10:53:16	3,854	-75,952	32,0	1,0	Buga, Valle del Cauca
1089	2020/11/20	11:15:26	2,017	-76,013	13,0	1,2	Oporapa, Huila
1090	2020/11/20	11:32:22	6,715	-73,21	135,0	2,1	Barichara, Santander
1091	2020/11/20	11:40:15	6,775	-73,347	140,0	1,7	Galán, Santander
1092	2020/11/20	13:23:11	5,627	-78,243	6,0	2,3	Océano Pacífico
1093	2020/11/20	14:13:42	6,705	-73,211	145,0	1,7	Barichara, Santander
1094	2020/11/20	14:15:24	6,362	-75,067	10,0	1,2	Alejandría, Antioquia
1095	2020/11/20	14:35:42	5,303	-75,777	14,0	1,4	Guática, Risaralda
1096	2020/11/20	14:43:15	6,256	-73,729	103,0	1,6	Vélez, Santander
1097	2020/11/20	15:09:37	4,737	-76,174	100,0	1,4	El Cairo, Valle del Cauca
1098	2020/11/20	15:16:53	6,786	-73,166	138,0	2,6	Los Santos, Santander
1099	2020/11/20	15:42:26	6,785	-73,1	143,0	1,8	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1100	2020/11/20	16:24:05	2,183	-76,027	16,0	1,9	La Argentina, Huila
1101	2020/11/20	16:38:00	6,554	-73,525	110,0	3,3	El Carmen, Santander
1102	2020/11/20	16:50:55	2,13	-76,05	4,0	1,6	La Argentina, Huila
1103	2020/11/20	16:54:49	6,665	-73,129	134,0	2,3	Villanueva, Santander
1104	2020/11/20	17:19:53	7,348	-74,173	2,0	2,4	San Pablo, Bolívar
1105	2020/11/20	17:42:38	6,58	-73,5	114,0	2,7	El Carmen, Santander
1106	2020/11/20	17:49:50	6,948	-73,089	136,0	1,9	Piedecuesta, Santander
1107	2020/11/20	17:54:22	4,81	-73,367	4,0	1,8	Chivor, Boyacá
1108	2020/11/20	17:58:51	6,834	-73,149	150,0	2,5	Los Santos, Santander
1109	2020/11/20	18:28:10	11,705	-73,133	20,0	2,2	Mar Caribe
1110	2020/11/20	18:58:09	6,803	-73,198	145,0	1,8	Zapatoca, Santander
1111	2020/11/20	19:59:09	4,164	-76,116	0,0	1,1	Bugalagrande, Valle del Cauca
1112	2020/11/20	20:31:19	3,915	-76,741	109,0	3,8	Calima (El Darién), Valle del Cauca
1113	2020/11/20	21:24:05	2,09	-77,143	0,0	1,7	Balboa, Cauca
1114	2020/11/20	22:03:37	2,136	-79,483	4,0	2,6	Océano Pacífico
1115	2020/11/20	22:05:36	4,921	-75,194	24,0	1,0	Villahermosa, Tolima
1116	2020/11/20	22:39:34	3,497	-74,201	11,0	2,4	Mesetas, Meta
1117	2020/11/20	22:56:28	6,748	-73,121	150,0	1,9	Los Santos, Santander
1118	2020/11/20	23:01:28	6,448	-73,72	98,0	1,5	Vélez, Santander
1119	2020/11/20	23:28:26	2,555	-75,43	27,0	2,3	Hobo, Huila
1120	2020/11/21	00:19:15	5,075	-77,582	36,0	2,0	Océano Pacífico
1121	2020/11/21	02:00:48	5,298	-75,765	16,0	0,9	Guática, Risaralda
1122	2020/11/21	02:23:14	5,28	-73,739	138,0	1,9	Lenguazaque, Cundinamarca
1123	2020/11/21	02:56:42	6,8	-73,163	145,0	2,5	Los Santos, Santander
1124	2020/11/21	03:56:37	7,412	-77,036	23,0	1,8	Riosucio, Chocó
1125	2020/11/21	04:12:47	5,309	-75,775	16,0	1,1	Guática, Risaralda
1126	2020/11/21	04:17:20	2,689	-76,996	18,0	1,3	El Tambo, Cauca
1127	2020/11/21	04:36:39	6,822	-73,166	142,0	1,7	Los Santos, Santander
1128	2020/11/21	04:59:26	5,182	-76,302	87,0	2,3	Condoto, Chocó
1129	2020/11/21	07:04:09	6,816	-73,172	146,0	2,2	Los Santos, Santander
1130	2020/11/21	07:27:38	6,778	-73,145	139,0	2,4	Los Santos, Santander
1131	2020/11/21	07:42:11	4,901	-75,311	4,0	2,7	Área de Influencia Volcán Nevado del Ruiz
1132	2020/11/21	07:52:55	6,753	-73,168	145,0	2,7	Los Santos, Santander
1133	2020/11/21	08:19:44	5,313	-75,754	16,0	1,3	Quinchía, Risaralda
1134	2020/11/21	09:17:23	6,776	-73,078	135,0	1,7	Los Santos, Santander
1135	2020/11/21	09:22:16	7,202	-77,129	21,0	2,3	Riosucio, Chocó
1136	2020/11/21	09:48:01	6,699	-73,154	138,0	1,9	Villanueva, Santander
1137	2020/11/21	10:00:02	4,833	-73,174	19,0	1,8	San Luis de Gaceno, Boyacá
1138	2020/11/21	10:20:29	2,384	-75,71	37,0	1,3	Paicol, Huila
1139	2020/11/21	10:34:21	7,236	-77,54	0,0	2,6	Riosucio, Chocó
1140	2020/11/21	11:03:37	6,787	-73,171	143,0	3,7	Los Santos, Santander
1141	2020/11/21	11:26:14	3,157	-76,532	127,0	1,7	Jamundí, Valle del Cauca
1142	2020/11/21	12:32:04	6,671	-73,321	137,0	1,7	Galán, Santander
1143	2020/11/21	12:44:38	6,728	-73,179	145,0	1,8	Villanueva, Santander
1144	2020/11/21	13:41:12	6,847	-73,234	135,0	1,7	Zapatoca, Santander
1145	2020/11/21	14:20:30	3,887	-76,325	123,0	1,7	Buga, Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1146	2020/11/21	14:26:17	3,854	-76,257	101,0	1,5	Buga, Valle del Cauca
1147	2020/11/21	14:49:10	6,191	-73,661	112,0	1,9	La Paz, Santander
1148	2020/11/21	15:07:57	7,439	-74,101	6,0	2,0	San Pablo, Bolívar
1149	2020/11/21	15:15:34	6,852	-73,162	153,0	2,8	Los Santos, Santander
1150	2020/11/21	15:38:57	6,543	-73,535	107,0	1,9	El Carmen, Santander
1151	2020/11/21	15:50:24	5,827	-73,615	130,0	1,7	Monquirá, Boyacá
1152	2020/11/21	16:20:07	3,227	-73,386	5,0	1,8	Puerto Lleras, Meta
1153	2020/11/21	16:43:44	5,101	-73,062	3,0	1,8	Páez, Boyacá
1154	2020/11/21	17:01:56	6,817	-73,093	154,0	2,6	Los Santos, Santander
1155	2020/11/21	17:23:23	6,771	-73,15	141,0	1,8	Los Santos, Santander
1156	2020/11/21	17:31:46	6,744	-73,182	142,0	1,8	Villanueva, Santander
1157	2020/11/21	17:40:20	4,183	-75,408	19,0	1,0	Rovira, Tolima
1158	2020/11/21	18:18:03	3,463	-74,209	7,0	1,1	Mesetas, Meta
1159	2020/11/21	18:26:38	3,584	-76,365	18,0	1,5	Palmira, Valle del Cauca
1160	2020/11/21	18:40:11	9,716	-72,917	1,0	1,9	Venezuela
1161	2020/11/21	18:59:53	6,833	-73,161	148,0	2,4	Los Santos, Santander
1162	2020/11/21	19:03:11	3,418	-74,129	4,0	1,1	Mesetas, Meta
1163	2020/11/21	19:53:47	4,978	-74,755	2,0	1,0	Armero (Guayabal), Tolima
1164	2020/11/21	20:17:15	5,386	-74,889	16,0	0,9	Victoria, Caldas
1165	2020/11/21	20:28:13	3,868	-75,528	16,0	2,2	San Antonio, Tolima
1166	2020/11/21	20:38:07	10,826	-73,526	4,0	1,6	Valledupar, Cesar
1167	2020/11/21	21:38:13	5,405	-73,8	137,0	1,7	Fúquene, Cundinamarca
1168	2020/11/21	22:25:33	11,254	-73,687	22,0	1,6	Santa Marta, Magdalena
1169	2020/11/21	23:33:55	6,787	-73,223	139,0	1,7	Zapatoca, Santander
1170	2020/11/21	23:40:47	6,766	-76,803	17,0	1,9	Murindó, Antioquia
1171	2020/11/22	01:11:09	6,768	-73,184	139,0	1,9	Los Santos, Santander
1172	2020/11/22	01:19:00	6,798	-73,143	147,0	2,2	Los Santos, Santander
1173	2020/11/22	01:19:39	3,487	-74,211	13,0	1,6	Mesetas, Meta
1174	2020/11/22	01:20:25	6,771	-73,163	137,0	2,3	Los Santos, Santander
1175	2020/11/22	01:26:56	6,824	-73,228	142,0	2,0	Zapatoca, Santander
1176	2020/11/22	03:08:09	6,44	-73,702	7,0	1,0	Vélez, Santander
1177	2020/11/22	04:07:51	7,455	-74,264	59,0	1,7	San Pablo, Bolívar
1178	2020/11/22	04:08:44	6,444	-73,672	108,0	2,1	Vélez, Santander
1179	2020/11/22	04:37:28	3,913	-76,253	119,0	1,2	Buga, Valle del Cauca
1180	2020/11/22	04:49:45	8,624	-74,077	34,0	2,5	Rioviejo, Bolívar
1181	2020/11/22	04:56:35	6,421	-73,652	28,0	0,9	Santa Helena del Opón, Santander
1182	2020/11/22	05:08:52	7,388	-75,694	37,0	2,2	Ituango, Antioquia
1183	2020/11/22	05:44:21	6,528	-73,576	109,0	1,7	Simacota, Santander
1184	2020/11/22	05:57:11	5,492	-76,478	24,0	1,3	Lloró, Chocó
1185	2020/11/22	06:12:38	11,881	-73,377	25,0	1,7	Mar Caribe
1186	2020/11/22	06:37:03	6,829	-73,218	148,0	1,6	Zapatoca, Santander
1187	2020/11/22	06:42:10	7,456	-73,238	134,0	1,6	El Playón, Santander
1188	2020/11/22	06:54:05	6,766	-73,508	112,0	1,3	El Carmen, Santander
1189	2020/11/22	07:11:58	6,724	-73,129	135,0	1,8	Jordán, Santander
1190	2020/11/22	07:22:34	6,81	-73,182	148,0	1,7	Los Santos, Santander
1191	2020/11/22	07:30:13	7,124	-73,446	114,0	1,3	Betulia, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1192	2020/11/22	07:36:30	6,771	-73,227	130,0	1,7	Zapatoca, Santander
1193	2020/11/22	07:46:07	6,754	-73,261	135,0	1,8	Zapatoca, Santander
1194	2020/11/22	07:57:45	2,625	-74,928	24,0	1,1	San Vicente del Caguán, Caquetá
1195	2020/11/22	08:20:45	4,379	-76,412	63,0	1,8	Bolívar, Valle del Cauca
1196	2020/11/22	08:39:15	3,773	-76,627	44,0	1,0	La Cumbre, Valle del Cauca
1197	2020/11/22	09:39:48	6,342	-73,867	73,0	1,0	Cimitarra, Santander
1198	2020/11/22	09:43:55	7,171	-77,576	12,0	2,2	Riosucio, Chocó
1199	2020/11/22	09:44:10	5,454	-73,812	102,0	1,5	Susa, Cundinamarca
1200	2020/11/22	09:50:30	3,854	-76,828	31,0	1,2	Buenaventura, Valle del Cauca
1201	2020/11/22	10:04:27	2,987	-74,76	39,0	1,3	Uribe, Meta
1202	2020/11/22	11:28:40	7,489	-74,073	10,0	1,2	San Pablo, Bolívar
1203	2020/11/22	11:51:01	6,792	-73,227	139,0	1,8	Zapatoca, Santander
1204	2020/11/22	12:01:19	3,491	-75,072	38,0	1,2	Natagaima, Tolima
1205	2020/11/22	12:04:44	6,749	-73,188	141,0	1,9	Villanueva, Santander
1206	2020/11/22	12:09:05	6,758	-73,214	139,0	1,7	Villanueva, Santander
1207	2020/11/22	12:12:19	6,732	-73,133	141,0	2,1	Los Santos, Santander
1208	2020/11/22	12:16:43	2,46	-75,387	22,0	1,9	Algeciras, Huila
1209	2020/11/22	13:02:26	6,376	-74,485	29,0	0,4	Puerto Berrío, Antioquia
1210	2020/11/22	13:54:52	6,166	-75,339	7,0	0,7	Marinilla, Antioquia
1211	2020/11/22	14:21:24	6,803	-73,194	143,0	2,6	Zapatoca, Santander
1212	2020/11/22	14:32:29	3,845	-73,729	12,0	1,6	Castilla la Nueva, Meta
1213	2020/11/22	14:35:50	6,468	-73,616	111,0	1,4	Santa Helena del Opón, Santander
1214	2020/11/22	14:48:28	6,777	-73,033	146,0	1,9	Los Santos, Santander
1215	2020/11/22	14:50:45	7,695	-73,456	124,0	1,6	San Alberto, Cesar
1216	2020/11/22	14:55:49	6,675	-73,238	142,0	1,7	Barichara, Santander
1217	2020/11/22	15:27:48	6,836	-73,172	147,0	1,9	Los Santos, Santander
1218	2020/11/22	15:31:16	5,866	-76,016	65,0	1,2	Ciudad Bolívar, Antioquia
1219	2020/11/22	16:54:40	5,08	-74,865	16,0	0,9	Armero (Guayabal), Tolima
1220	2020/11/22	17:08:33	6,798	-73,089	140,0	1,8	Los Santos, Santander
1221	2020/11/22	17:28:31	1,699	-79,368	28,0	2,8	Océano Pacifico
1222	2020/11/22	17:29:49	3,482	-74,211	12,0	1,6	Mesetas, Meta
1223	2020/11/22	17:49:07	6,772	-74,783	52,0	1,5	Vegachí, Antioquia
1224	2020/11/22	17:50:39	0,567	-78,004	0,0	2,9	Colombia-Ecuador
1225	2020/11/22	17:57:29	6,422	-73,536	106,0	1,7	Santa Helena del Opón, Santander
1226	2020/11/22	18:31:39	6,563	-73,522	111,0	2,1	El Carmen, Santander
1227	2020/11/22	18:41:49	5,712	-72,605	0,0	1,7	Mongua, Boyacá
1228	2020/11/22	18:56:37	2,188	-75,647	13,0	1,4	Garzón, Huila
1229	2020/11/22	19:05:58	6,87	-76,639	0,0	1,8	Murindó, Antioquia
1230	2020/11/22	19:11:51	2,421	-75,163	14,0	1,6	Puerto Rico, Caquetá
1231	2020/11/22	19:23:07	6,81	-73,213	139,0	1,8	Zapatoca, Santander
1232	2020/11/22	19:59:59	6,368	-73,58	113,0	1,6	Santa Helena del Opón, Santander
1233	2020/11/22	20:01:34	6,762	-73,176	139,0	2,8	Los Santos, Santander
1234	2020/11/22	20:03:22	7,038	-75,347	21,0	1,7	Yarumal, Antioquia
1235	2020/11/22	20:17:56	8,468	-72,877	2,0	2,5	Tibú, Norte de Santander
1236	2020/11/22	20:19:38	6,88	-73,351	126,0	2,3	San Vicente de Chucurí, Santander
1237	2020/11/22	20:45:05	5,186	-74,645	13,0	1,0	Guaduas, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1238	2020/11/22	20:52:36	6,764	-73,184	143,0	1,6	Los Santos, Santander
1239	2020/11/22	20:56:33	8,022	-73,53	101,0	1,9	San Martín, Cesar
1240	2020/11/22	20:58:38	6,829	-73,205	142,0	3,5	Zapatoca, Santander
1241	2020/11/22	21:49:19	9,374	-75,384	43,0	2,4	Morroa, Sucre
1242	2020/11/22	21:58:59	6,741	-73,167	134,0	2,3	Los Santos, Santander
1243	2020/11/22	22:31:42	7,467	-73,678	101,0	1,8	Sabana de Torres, Santander
1244	2020/11/22	22:35:05	6,78	-73,154	141,0	2,0	Los Santos, Santander
1245	2020/11/22	22:50:07	6,818	-73,147	149,0	1,9	Los Santos, Santander
1246	2020/11/22	23:28:21	5,199	-73,707	145,0	1,6	Suesca, Cundinamarca
1247	2020/11/22	23:34:09	2,729	-76,771	22,0	1,4	Cajibío, Cauca
1248	2020/11/22	23:57:41	6,039	-73,712	116,0	1,7	Vélez, Santander
1249	2020/11/23	00:28:31	6,526	-73,293	142,0	1,7	Hato, Santander
1250	2020/11/23	00:49:42	8,811	-73,147	139,0	1,9	Teorama, Norte de Santander
1251	2020/11/23	01:10:36	5,251	-73,771	146,0	1,4	Cucunubá, Cundinamarca
1252	2020/11/23	01:24:26	8,046	-74,48	12,0	2,0	Montecristo, Bolívar
1253	2020/11/23	02:01:34	2,94	-74,83	25,0	1,9	Uribe, Meta
1254	2020/11/23	02:54:50	2,741	-75,062	37,0	2,0	San Vicente del Caguán, Caquetá
1255	2020/11/23	04:39:47	3,474	-74,186	3,0	1,0	Mesetas, Meta
1256	2020/11/23	05:14:50	6,8	-73,159	137,0	2,1	Los Santos, Santander
1257	2020/11/23	06:14:11	6,674	-73,63	112,0	1,2	El Carmen, Santander
1258	2020/11/23	06:31:44	6,81	-73,171	148,0	1,8	Los Santos, Santander
1259	2020/11/23	06:34:25	6,796	-73,103	137,0	2,1	Los Santos, Santander
1260	2020/11/23	06:36:43	4,239	-75,832	154,0	1,5	Caicedonia, Valle del Cauca
1261	2020/11/23	06:45:21	6,822	-73,2	142,0	2,4	Zapatoca, Santander
1262	2020/11/23	06:56:46	6,819	-73,169	147,0	1,8	Los Santos, Santander
1263	2020/11/23	07:18:24	11,232	-73,47	34,0	1,8	Dibulla, la Guajira
1264	2020/11/23	07:39:28	6,808	-73,217	142,0	1,7	Zapatoca, Santander
1265	2020/11/23	07:45:06	7,428	-73,186	131,0	1,8	El Playón, Santander
1266	2020/11/23	07:47:39	6,863	-73,048	146,0	1,8	Los Santos, Santander
1267	2020/11/23	07:59:45	5,298	-73,744	136,0	1,9	Lenguazaque, Cundinamarca
1268	2020/11/23	08:07:50	6,715	-73,141	138,0	1,8	Jordán, Santander
1269	2020/11/23	08:21:06	6,834	-73,214	147,0	1,6	Zapatoca, Santander
1270	2020/11/23	08:37:20	5,001	-75,848	103,0	1,2	Belalcazar, Caldas
1271	2020/11/23	09:06:34	6,83	-73,32	128,0	1,2	Zapatoca, Santander
1272	2020/11/23	09:50:32	6,754	-73,141	137,0	1,9	Los Santos, Santander
1273	2020/11/23	10:23:48	6,724	-73,18	136,0	2,1	Villanueva, Santander
1274	2020/11/23	10:38:03	5,904	-76,024	71,0	1,5	Ciudad Bolívar, Antioquia
1275	2020/11/23	10:38:15	6,571	-73,457	8,0	2,9	El Carmen, Santander
1276	2020/11/23	11:32:09	5,577	-74,47	23,0	1,1	Yacopí, Cundinamarca
1277	2020/11/23	11:48:35	4,4	-76,213	114,0	1,3	Roldanillo, Valle del Cauca
1278	2020/11/23	11:54:14	6,807	-73,199	146,0	1,8	Zapatoca, Santander
1279	2020/11/23	11:55:47	6,84	-73,048	143,0	1,8	Los Santos, Santander
1280	2020/11/23	12:04:29	4,768	-76,286	89,0	1,8	El Cairo, Valle del Cauca
1281	2020/11/23	12:11:18	6,682	-73,542	113,0	1,5	El Carmen, Santander
1282	2020/11/23	12:56:04	8,784	-73,643	7,0	1,7	Pelaya, Cesar
1283	2020/11/23	15:34:22	9,974	-73,824	68,0	1,9	Bosconia, Cesar

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1284	2020/11/23	16:20:41	3,9	-75,511	3,0	1,5	San Antonio, Tolima
1285	2020/11/23	17:01:38	2,02	-75,89	4,0	1,3	Elías, Huila
1286	2020/11/23	17:21:43	6,737	-73,15	128,0	1,6	Los Santos, Santander
1287	2020/11/23	17:47:20	6,777	-73,218	145,0	1,8	Zapatoca, Santander
1288	2020/11/23	18:05:24	6,838	-73,116	144,0	1,7	Los Santos, Santander
1289	2020/11/23	18:14:40	7,384	-73,298	118,0	2,0	Rionegro, Santander
1290	2020/11/23	18:21:32	9,082	-73,139	137,0	2,3	Convención, Norte de Santander
1291	2020/11/23	18:48:02	6,838	-73,125	140,0	1,8	Los Santos, Santander
1292	2020/11/23	19:13:47	6,802	-73,081	146,0	2,0	Los Santos, Santander
1293	2020/11/23	19:24:21	1,654	-76,511	4,0	1,4	Santa Rosa, Cauca
1294	2020/11/23	20:03:08	3,48	-74,188	0,0	1,7	Mesetas, Meta
1295	2020/11/23	20:22:17	6,832	-73,142	138,0	1,6	Los Santos, Santander
1296	2020/11/23	21:40:29	6,851	-76,675	0,0	2,5	Murindó, Antioquia
1297	2020/11/23	22:21:40	6,862	-73,132	152,0	2,6	Los Santos, Santander
1298	2020/11/23	22:24:20	5,863	-74,91	0,0	1,2	San Francisco, Antioquia
1299	2020/11/23	22:29:57	12,42	-72,653	21,0	3,1	Mar Caribe
1300	2020/11/23	23:58:05	6,404	-73,609	115,0	1,5	Santa Helena del Opón, Santander
1301	2020/11/24	00:25:00	1,911	-76,02	21,0	0,9	Pitalito, Huila
1302	2020/11/24	00:45:07	6,919	-73,144	154,0	1,7	Girón, Santander
1303	2020/11/24	01:03:19	7,21	-73,008	113,0	1,6	Tona, Santander
1304	2020/11/24	01:20:10	6,788	-73,147	140,0	2,5	Los Santos, Santander
1305	2020/11/24	01:45:23	2,749	-75,729	17,0	1,2	Íquira, Huila
1306	2020/11/24	02:04:53	6,407	-73,172	14,0	2,5	Páramo, Santander
1307	2020/11/24	02:15:12	6,688	-73,184	144,0	1,7	Barichara, Santander
1308	2020/11/24	02:23:05	6,792	-73,184	145,0	1,7	Los Santos, Santander
1309	2020/11/24	02:25:31	6,691	-73,178	148,0	1,6	Villanueva, Santander
1310	2020/11/24	02:40:41	6,532	-73,706	103,0	2,4	Simacota, Santander
1311	2020/11/24	02:57:06	6,299	-73,854	96,0	1,6	Landázuri, Santander
1312	2020/11/24	03:12:29	7,56	-73,64	80,0	1,5	Sabana de Torres, Santander
1313	2020/11/24	03:26:42	5,956	-73,805	118,0	1,4	Bolívar, Santander
1314	2020/11/24	03:41:54	6,486	-71,846	0,0	2,2	Tame, Arauca
1315	2020/11/24	03:57:12	6,826	-73,116	140,0	1,8	Los Santos, Santander
1316	2020/11/24	04:16:01	7,435	-73,149	133,0	1,9	El Playón, Santander
1317	2020/11/24	04:35:31	6,725	-73,151	141,0	2,1	Villanueva, Santander
1318	2020/11/24	04:48:26	7,427	-73,168	128,0	1,6	Rionegro, Santander
1319	2020/11/24	05:08:38	6,606	-73,614	113,0	1,7	El Carmen, Santander
1320	2020/11/24	06:12:53	7,297	-78,032	0,0	2,0	Panama
1321	2020/11/24	06:20:58	2,411	-75,763	16,0	3,1	Paicol, Huila
1322	2020/11/24	06:35:53	2,838	-76,646	132,0	1,0	Morales, Cauca
1323	2020/11/24	07:21:10	5,461	-76,487	22,0	1,3	Cértogui, Chocó
1324	2020/11/24	07:59:26	4,732	-76,612	36,0	1,4	Nóvita, Chocó
1325	2020/11/24	09:35:17	0,746333	-77,9267	8,0	2,0	Área de influencia Complejo volcánico Chiles, Cerro Negro
1326	2020/11/24	10:04:17	4,716	-76,097	87,0	1,5	Argelia, Valle del Cauca
1327	2020/11/24	10:06:42	6,741	-73,146	139,0	2,1	Los Santos, Santander
1328	2020/11/24	10:31:46	6,796	-73,168	147,0	1,5	Los Santos, Santander
1329	2020/11/24	10:38:01	4,792	-74,602	28,0	1,7	San Juan de Rioseco, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1330	2020/11/24	11:13:33	10,398	-73,535	90,0	2,3	Pueblo Bello, Cesar
1331	2020/11/24	11:24:25	6,606	-76,784	59,0	2,2	Vigia del Fuerte, Antioquia
1332	2020/11/24	11:29:08	6,711	-73,171	136,0	2,0	Villanueva, Santander
1333	2020/11/24	12:26:31	6,584	-73,574	115,0	1,6	El Carmen, Santander
1334	2020/11/24	13:14:54	6,857	-73,552	105,0	1,4	San Vicente de Chucurí, Santander
1335	2020/11/24	13:33:13	8,68	-73,078	157,0	3,5	El Tarra, Norte de Santander
1336	2020/11/24	14:01:46	6,628	-73,473	123,0	1,5	El Carmen, Santander
1337	2020/11/24	15:14:44	6,786	-73,148	149,0	2,2	Los Santos, Santander
1338	2020/11/24	15:38:46	4,197	-75,836	16,0	1,5	Sevilla, Valle del Cauca
1339	2020/11/24	16:12:13	2,607	-75,392	0,0	1,3	Campoalegre, Huila
1340	2020/11/24	16:19:58	6,919	-73,145	145,0	1,5	Girón, Santander
1341	2020/11/24	17:06:55	6,796	-73,116	135,0	2,3	Los Santos, Santander
1342	2020/11/24	17:15:31	6,791	-73,108	140,0	2,5	Los Santos, Santander
1343	2020/11/24	17:36:52	3,482	-74,203	9,0	1,6	Mesetas, Meta
1344	2020/11/24	18:14:19	7,086	-73,82	83,0	2,7	Barrancabermeja, Santander
1345	2020/11/24	18:36:45	6,773	-73,088	141,0	2,2	Los Santos, Santander
1346	2020/11/24	18:57:20	7,137	-73,274	122,0	1,8	Lebrija, Santander
1347	2020/11/24	19:04:55	4,744	-74,685	0,0	0,8	Pulí, Cundinamarca
1348	2020/11/24	19:31:15	6,858	-73,143	139,0	1,8	Los Santos, Santander
1349	2020/11/24	19:40:40	4,381	-77,711	27,0	2,2	Océano Pacífico
1350	2020/11/24	20:01:43	3,346	-74,322	46,0	1,3	Uribe, Meta
1351	2020/11/24	21:09:15	3,466	-74,192	0,0	1,7	Mesetas, Meta
1352	2020/11/24	21:47:23	1,954	-76,085	0,0	1,7	Pitalito, Huila
1353	2020/11/24	22:47:54	3,343	-74,351	20,0	0,9	Uribe, Meta
1354	2020/11/24	22:55:29	6,778	-73,133	140,0	2,1	Los Santos, Santander
1355	2020/11/24	23:49:46	6,419	-73,643	109,0	2,7	Santa Helena del Opón, Santander
1356	2020/11/25	00:00:06	9,556	-73,487	0,0	1,5	La Jagua de Ibirico, Cesar
1357	2020/11/25	00:04:16	6,763	-73,146	150,0	1,8	Los Santos, Santander
1358	2020/11/25	00:21:52	5,282	-77,621	29,0	3,7	Océano Pacífico
1359	2020/11/25	00:30:58	4,981	-75,503	0,0	0,7	Villamaria, Caldas
1360	2020/11/25	00:44:43	6,83	-73,119	152,0	1,8	Los Santos, Santander
1361	2020/11/25	01:15:20	6,592	-76,758	24,0	1,8	Vigia del Fuerte, Antioquia
1362	2020/11/25	01:23:21	1,657	-77,352	19,0	1,0	Taminango, Nariño
1363	2020/11/25	01:28:01	6,8	-73,171	135,0	1,8	Los Santos, Santander
1364	2020/11/25	01:53:47	6,791	-73,192	143,0	1,7	Los Santos, Santander
1365	2020/11/25	02:06:52	6,994	-76,014	0,0	1,6	Dabeiba, Antioquia
1366	2020/11/25	02:18:20	5,25	-77,747	32,0	1,9	Océano Pacífico
1367	2020/11/25	02:26:00	6,571	-76,319	0,0	1,6	Frontino, Antioquia
1368	2020/11/25	02:27:43	6,867	-73,311	126,0	1,6	Zapatoca, Santander
1369	2020/11/25	02:50:05	6,469	-71,994	3,0	1,8	Tame, Arauca
1370	2020/11/25	03:21:31	5,931	-77,66	28,0	2,0	Océano Pacífico
1371	2020/11/25	03:25:33	6,195	-76,637	44,0	1,4	Vigia del Fuerte, Antioquia
1372	2020/11/25	03:34:02	6,758	-73,171	147,0	2,0	Los Santos, Santander
1373	2020/11/25	03:40:52	6,28	-73,576	123,0	1,3	El Guacamayo, Santander
1374	2020/11/25	03:46:01	6,813	-73,385	127,0	1,5	San Vicente de Chucurí, Santander
1375	2020/11/25	04:06:28	6,794	-73,157	147,0	1,5	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1376	2020/11/25	04:38:27	6,685	-73,01	14,0	1,8	Aratoca, Santander
1377	2020/11/25	04:52:59	7,262	-75,744	43,0	2,2	Ituango, Antioquia
1378	2020/11/25	05:15:30	6,79	-73,243	140,0	1,7	Zapatoca, Santander
1379	2020/11/25	06:21:56	4,101	-75,562	20,0	1,8	Roncesvalles, Tolima
1380	2020/11/25	08:18:23	4,452	-76,262	5,0	0,8	Roldanillo, Valle del Cauca
1381	2020/11/25	08:30:53	11,157	-73,622	20,0	1,3	Santa Marta, Magdalena
1382	2020/11/25	09:47:51	5,23	-73,732	147,0	1,5	Cucunubá, Cundinamarca
1383	2020/11/25	10:01:04	2,79	-75,019	33,0	1,3	San Vicente del Caguán, Caquetá
1384	2020/11/25	10:01:44	11,29	-72,738	68,0	1,7	Riohacha, la Guajira
1385	2020/11/25	10:02:41	1,969	-75,903	25,0	2,4	Timaná, Huila
1386	2020/11/25	10:09:21	2,734	-79,418	0,0	2,7	Océano Pacifico
1387	2020/11/25	10:12:36	3,068	-79,41	12,0	2,0	Océano Pacifico
1388	2020/11/25	11:23:31	3,451	-74,23	8,0	1,6	Mesetas, Meta
1389	2020/11/25	12:09:03	5,257	-73,734	144,0	1,8	Cucunubá, Cundinamarca
1390	2020/11/25	12:21:19	4,392	-75,864	136,0	1,4	Sevilla, Valle del Cauca
1391	2020/11/25	12:35:52	7,982	-75,01	1,0	2,4	Caucasia, Antioquia
1392	2020/11/25	12:44:28	6,732	-73,163	134,0	2,2	Villanueva, Santander
1393	2020/11/25	12:54:56	6,855	-73,159	142,0	2,1	Los Santos, Santander
1394	2020/11/25	13:39:11	6,791	-73,138	142,0	2,7	Los Santos, Santander
1395	2020/11/25	13:55:14	6,796	-73,147	146,0	1,9	Los Santos, Santander
1396	2020/11/25	14:25:36	6,817	-73,129	142,0	2,4	Los Santos, Santander
1397	2020/11/25	14:29:32	6,824	-73,138	143,0	1,8	Los Santos, Santander
1398	2020/11/25	15:25:08	3,411	-74,164	9,0	1,3	Mesetas, Meta
1399	2020/11/25	15:37:16	8,326	-73,425	9,0	1,9	Rio de Oro, Cesar
1400	2020/11/25	16:30:18	7,571	-73,329	9,0	1,4	La Esperanza, Norte de Santander
1401	2020/11/25	18:01:27	3,489	-74,203	11,0	1,8	Mesetas, Meta
1402	2020/11/25	18:06:43	6,063	-73,934	23,0	1,3	Sucre, Santander
1403	2020/11/25	18:13:53	7,773	-73,472	120,0	2,9	San Alberto, Cesar
1404	2020/11/25	18:19:13	5,234	-73,707	145,0	1,8	Cucunubá, Cundinamarca
1405	2020/11/25	19:09:33	3,979	-75,357	21,0	1,3	Ortega, Tolima
1406	2020/11/25	19:35:08	6,781	-73,192	141,0	1,8	Los Santos, Santander
1407	2020/11/25	20:05:46	4,483	-76,079	100,0	1,5	Roldanillo, Valle del Cauca
1408	2020/11/25	22:54:34	10,104	-73,823	74,0	1,9	El Copey, Cesar
1409	2020/11/25	23:10:37	11,78	-73,133	20,0	1,9	Mar Caribe
1410	2020/11/25	23:35:07	6,566	-74,522	0,0	1,2	Puerto Berrío, Antioquia
1411	2020/11/25	23:49:13	6,362	-71,97	0,0	1,9	Tame, Arauca
1412	2020/11/26	00:28:19	3,473	-74,214	10,0	1,1	Mesetas, Meta
1413	2020/11/26	01:08:14	4,999	-74,473	33,0	1,6	Villeta, Cundinamarca
1414	2020/11/26	01:13:59	6,697	-73,138	132,0	2,2	Jordán, Santander
1415	2020/11/26	01:59:00	2,717	-75,679	21,0	2,5	Íquira, Huila
1416	2020/11/26	02:19:24	6,72	-73,129	134,0	1,7	Jordán, Santander
1417	2020/11/26	02:28:28	2,812	-74,439	21,0	1,6	Uribe, Meta
1418	2020/11/26	02:43:16	5,595	-73,852	137,0	1,4	Caldas, Boyacá
1419	2020/11/26	02:52:33	6,81	-73,147	145,0	2,3	Los Santos, Santander
1420	2020/11/26	03:01:35	6,24	-73,715	116,0	1,5	Vélez, Santander
1421	2020/11/26	03:02:34	3,853	-73,638	7,0	1,9	Castilla la Nueva, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1422	2020/11/26	03:27:10	6,766	-73,129	135,0	2,1	Los Santos, Santander
1423	2020/11/26	03:32:52	6,797	-73,127	143,0	2,3	Los Santos, Santander
1424	2020/11/26	03:51:04	6,834	-73,167	148,0	1,8	Los Santos, Santander
1425	2020/11/26	03:59:22	9,717	-72,816	2,0	2,8	Venezuela
1426	2020/11/26	04:29:39	6,805	-73,175	140,0	2,6	Los Santos, Santander
1427	2020/11/26	05:21:04	6,858	-73,175	148,0	2,4	Zapatoca, Santander
1428	2020/11/26	05:27:12	6,759	-73,153	136,0	2,4	Los Santos, Santander
1429	2020/11/26	06:09:03	5,311	-73,749	135,0	2,2	Lenguazaque, Cundinamarca
1430	2020/11/26	06:11:06	6,801	-73,153	148,0	2,9	Los Santos, Santander
1431	2020/11/26	06:23:01	6,876	-73,279	125,0	1,2	Betulia, Santander
1432	2020/11/26	06:29:48	5,816	-76,079	50,0	0,9	Ciudad Bolívar, Antioquia
1433	2020/11/26	06:38:12	6,756	-73,166	145,0	1,8	Los Santos, Santander
1434	2020/11/26	06:44:14	6,772	-73,165	149,0	1,9	Los Santos, Santander
1435	2020/11/26	06:54:46	7,572	-72,929	162,0	1,9	Arboledas, Norte de Santander
1436	2020/11/26	07:02:42	4,351	-76,058	74,0	1,1	Zarzal, Valle del Cauca
1437	2020/11/26	07:11:54	6,739	-73,139	141,0	2,1	Los Santos, Santander
1438	2020/11/26	08:00:54	4,61	-76,82	54,0	1,4	Medio San Juan (Andagoya), Chocó
1439	2020/11/26	08:09:33	6,766	-73,12	134,0	1,9	Los Santos, Santander
1440	2020/11/26	08:11:47	3,517	-78,704	20,0	1,9	Océano Pacífico
1441	2020/11/26	08:55:24	2,516	-76,373	0,0	0,2	Totoró, Cauca
1442	2020/11/26	09:08:53	6,917	-73,468	116,0	1,3	San Vicente de Chucurí, Santander
1443	2020/11/26	09:32:30	9,868	-73,63	26,0	1,5	Valledupar, Cesar
1444	2020/11/26	09:53:14	4,844	-78,057	23,0	1,8	Océano Pacífico
1445	2020/11/26	10:00:00	6,517	-73,588	101,0	1,7	Santa Helena del Opón, Santander
1446	2020/11/26	10:20:43	7,574	-73,33	3,0	1,2	La Esperanza, Norte de Santander
1447	2020/11/26	15:35:44	4,023	-71,64	0,0	2,2	Puerto Gaitán, Meta
1448	2020/11/26	15:36:08	5,777	-76,038	67,0	1,8	Ciudad Bolívar, Antioquia
1449	2020/11/26	16:01:27	10,894	-73,738	41,0	1,8	Santa Marta, Magdalena
1450	2020/11/26	18:03:44	6,749	-73,15	144,0	2,0	Los Santos, Santander
1451	2020/11/26	19:21:32	7,074	-75,964	15,0	1,5	Peque, Antioquia
1452	2020/11/26	19:35:27	4,471	-73,845	0,0	1,4	Fómeque, Cundinamarca
1453	2020/11/26	20:48:19	2,785	-76,868	106,0	1,6	Morales, Cauca
1454	2020/11/26	21:13:10	1,57	-76,103	0,0	1,9	Acevedo, Huila
1455	2020/11/26	21:56:23	2,973	-74,742	4,0	1,2	Uribe, Meta
1456	2020/11/26	22:16:25	9,938	-72,926	137,0	2,4	Venezuela
1457	2020/11/26	22:36:09	5,628	-75,863	43,0	1,3	Jardín, Antioquia
1458	2020/11/26	22:36:19	10,252	-72,988	126,0	2,0	La Paz, Cesar
1459	2020/11/26	22:51:58	6,839	-73,215	157,0	1,6	Zapatoca, Santander
1460	2020/11/27	00:12:20	4,781	-76,047	89,0	1,4	Ansermanuevo, Valle del Cauca
1461	2020/11/27	00:41:38	6,816	-73,22	145,0	2,8	Zapatoca, Santander
1462	2020/11/27	01:00:25	5,93	-73,6	110,0	1,6	Moniquirá, Boyacá
1463	2020/11/27	01:31:56	6,755	-73,184	133,0	1,6	Villanueva, Santander
1464	2020/11/27	02:39:27	6,745	-73,18	132,0	1,7	Villanueva, Santander
1465	2020/11/27	02:54:39	6,928	-73,205	149,0	2,7	Girón, Santander
1466	2020/11/27	03:07:27	4,879	-78,05	25,0	2,0	Océano Pacífico
1467	2020/11/27	03:16:23	6,763	-73,184	153,0	1,7	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1468	2020/11/27	03:46:06	5,58	-74,954	25,0	1,2	Samaná, Caldas
1469	2020/11/27	04:12:10	5,923	-77,555	26,0	2,2	Océano Pacífico
1470	2020/11/27	05:08:03	6,774	-73,175	139,0	2,4	Los Santos, Santander
1471	2020/11/27	05:17:27	1,657	-77,544	123,0	2,6	Cumbitara, Nariño
1472	2020/11/27	05:24:59	6,781	-73,165	137,0	2,2	Los Santos, Santander
1473	2020/11/27	05:29:47	2,333	-75,57	28,0	1,5	Gigante, Huila
1474	2020/11/27	05:58:03	2,121	-75,716	29,0	1,2	Altamira, Huila
1475	2020/11/27	06:02:41	3,376	-74,441	22,0	1,2	Uribe, Meta
1476	2020/11/27	06:08:05	5,324	-72,651	6,0	1,5	Pajarito, Boyacá
1477	2020/11/27	06:40:37	6,835	-73,14	136,0	2,2	Los Santos, Santander
1478	2020/11/27	07:30:30	6,766	-73,15	145,0	1,5	Los Santos, Santander
1479	2020/11/27	07:37:18	6,867	-73,199	126,0	1,7	Zapatoca, Santander
1480	2020/11/27	07:49:15	6,845	-73,19	144,0	1,5	Zapatoca, Santander
1481	2020/11/27	08:39:56	4,907	-76,254	104,0	1,3	San José del Palmar, Chocó
1482	2020/11/27	09:02:08	12,43	-72,707	5,0	2,7	Mar Caribe
1483	2020/11/27	09:03:59	6,626	-73,176	152,0	1,7	Barichara, Santander
1484	2020/11/27	09:24:10	10,339	-73,468	75,0	1,4	Valledupar, Cesar
1485	2020/11/27	09:35:07	6,77	-73,175	147,0	1,5	Los Santos, Santander
1486	2020/11/27	09:49:42	11,135	-73,8	18,0	1,1	Santa Marta, Magdalena
1487	2020/11/27	09:52:26	6,673	-73,124	135,0	1,8	Villanueva, Santander
1488	2020/11/27	11:08:13	6,769	-73,134	147,0	1,6	Los Santos, Santander
1489	2020/11/27	11:56:39	6,69	-73,189	139,0	1,7	Barichara, Santander
1490	2020/11/27	12:39:48	6,723	-73,112	137,0	2,3	Jordán, Santander
1491	2020/11/27	13:01:37	6,022	-73,484	134,0	1,6	Santana, Boyacá
1492	2020/11/27	14:07:07	2,417	-75,388	4,0	1,4	Algeciras, Huila
1493	2020/11/27	14:23:22	6,817	-73,068	140,0	2,2	Los Santos, Santander
1494	2020/11/27	15:30:13	3,54	-74,458	11,0	1,4	Uribe, Meta
1495	2020/11/27	15:39:21	4,77	-76,059	53,0	1,9	Ansermanuevo, Valle del Cauca
1496	2020/11/27	16:29:18	6,518	-73,6	105,0	1,6	Santa Helena del Opón, Santander
1497	2020/11/27	17:00:21	2,509	-75,372	10,0	1,2	Algeciras, Huila
1498	2020/11/27	17:13:37	6,802	-73,601	104,0	1,6	El Carmen, Santander
1499	2020/11/27	17:19:36	9,7	-72,834	4,0	2,1	Venezuela
1500	2020/11/27	18:03:28	2,844	-77,116	83,0	1,2	López, Cauca
1501	2020/11/27	19:32:57	6,513	-73,761	98,0	2,0	Vélez, Santander
1502	2020/11/27	19:46:41	5,679	-74,062	106,0	1,4	San Pablo de Borbur, Boyacá
1503	2020/11/27	20:04:13	6,355	-75,882	0,0	1,8	Anzá, Antioquia
1504	2020/11/27	20:16:15	2,571	-75,428	25,0	1,4	Hobo, Huila
1505	2020/11/27	20:57:20	4,078	-75,42	4,0	1,5	San Antonio, Tolima
1506	2020/11/27	22:04:50	2,739	-76,784	22,0	1,5	Morales, Cauca
1507	2020/11/27	23:13:54	5,901	-78,582	31,0	3,1	Océano Pacífico
1508	2020/11/28	00:06:52	6,808	-73,126	154,0	1,8	Los Santos, Santander
1509	2020/11/28	00:12:47	6,777	-73,101	133,0	2,0	Los Santos, Santander
1510	2020/11/28	00:21:30	5,646	-73,031	10,0	2,2	Firavitoba, Boyacá
1511	2020/11/28	00:39:56	6,043	-75,455	4,0	0,8	Retiro, Antioquia
1512	2020/11/28	00:41:12	6,806	-73,155	137,0	1,9	Los Santos, Santander
1513	2020/11/28	00:44:22	5,538	-76,543	24,0	2,0	Lloró, Chocó

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1514	2020/11/28	00:53:29	5,548	-76,704	19,0	1,7	Rio Quito (Paimadó), Chocó
1515	2020/11/28	01:26:27	6,931	-73,414	131,0	1,4	San Vicente de Chucurí, Santander
1516	2020/11/28	01:59:25	7,191	-73,081	155,0	2,0	Bucaramanga, Santander
1517	2020/11/28	02:30:56	2,583	-76,945	14,0	0,5	El Tambo, Cauca
1518	2020/11/28	02:57:56	6,766	-73,167	140,0	1,9	Los Santos, Santander
1519	2020/11/28	03:15:35	6,791	-73,182	146,0	1,7	Los Santos, Santander
1520	2020/11/28	04:17:56	5,388	-76,674	34,0	1,3	Unión Panamericana (Animas), Chocó
1521	2020/11/28	04:18:13	6,745	-73,111	136,0	1,9	Los Santos, Santander
1522	2020/11/28	04:22:18	2,346	-79,485	0,0	2,3	Océano Pacífico
1523	2020/11/28	05:44:08	6,749	-73,153	132,0	1,6	Los Santos, Santander
1524	2020/11/28	05:47:23	3,449	-74,312	4,0	1,2	Uribe, Meta
1525	2020/11/28	06:50:22	6,791	-73,118	147,0	1,8	Los Santos, Santander
1526	2020/11/28	07:07:40	5,263	-73,786	135,0	1,7	Cucunubá, Cundinamarca
1527	2020/11/28	07:28:10	10,175	-73,138	122,0	1,7	La Paz, Cesar
1528	2020/11/28	08:29:07	4,491	-74,73	3,0	0,9	Jerusalén, Cundinamarca
1529	2020/11/28	08:35:57	3,929	-76,314	122,0	1,1	Buga, Valle del Cauca
1530	2020/11/28	09:20:42	6,838	-73,141	146,0	2,4	Los Santos, Santander
1531	2020/11/28	10:23:24	6,801	-73,142	137,0	2,4	Los Santos, Santander
1532	2020/11/28	10:33:13	4,691	-76,086	94,0	1,6	Toro, Valle del Cauca
1533	2020/11/28	10:53:17	5,726	-73,948	111,0	1,5	Tununguá, Boyacá
1534	2020/11/28	11:00:39	6,785	-73,184	137,0	1,7	Los Santos, Santander
1535	2020/11/28	11:48:19	6,715	-73,141	139,0	2,4	Jordán, Santander
1536	2020/11/28	12:08:30	6,941	-75,856	16,0	2,0	Peque, Antioquia
1537	2020/11/28	12:24:13	5,754	-73,154	10,0	2,0	Paipa, Boyacá
1538	2020/11/28	12:28:37	6,314	-73,522	122,0	1,9	Contratación, Santander
1539	2020/11/28	14:10:23	7,205	-76,234	67,0	2,5	Ituango, Antioquia
1540	2020/11/28	14:14:09	5,244	-73,736	152,0	2,1	Cucunubá, Cundinamarca
1541	2020/11/28	14:21:32	11,338	-72,912	18,0	1,8	Riohacha, la Guajira
1542	2020/11/28	15:00:21	6,846	-73,141	147,0	2,5	Los Santos, Santander
1543	2020/11/28	15:12:50	6,868	-73,125	151,0	2,1	Los Santos, Santander
1544	2020/11/28	19:08:49	7,393	-76,239	66,0	2,7	Tierralta, Córdoba
1545	2020/11/28	19:15:49	6,797	-76,151	0,0	1,7	Frontino, Antioquia
1546	2020/11/28	19:17:53	3,468	-74,196	5,0	1,1	Mesetas, Meta
1547	2020/11/28	20:08:09	5,268	-73,736	144,0	1,6	Cucunubá, Cundinamarca
1548	2020/11/28	20:39:54	6,734	-73,196	151,0	1,9	Villanueva, Santander
1549	2020/11/28	21:04:32	4,9	-75,016	24,0	1,6	Libano, Tolima
1550	2020/11/28	21:37:43	4,695	-74,832	0,0	0,7	Venadillo, Tolima
1551	2020/11/28	22:47:29	3,478	-74,198	5,0	1,8	Mesetas, Meta
1552	2020/11/28	22:48:17	5,286	-73,731	148,0	2,3	Lenguazaque, Cundinamarca
1553	2020/11/29	00:13:22	6,781	-73,199	137,0	1,8	Los Santos, Santander
1554	2020/11/29	00:24:58	6,72	-73,146	140,0	2,1	Jordán, Santander
1555	2020/11/29	00:33:50	7,964	-73,418	103,0	2,3	San Martín, Cesar
1556	2020/11/29	00:41:28	6,818	-73,136	145,0	3,5	Los Santos, Santander
1557	2020/11/29	00:45:58	6,805	-72,963	158,0	2,0	Piedecuesta, Santander
1558	2020/11/29	01:20:35	6,754	-73,09	133,0	2,0	Los Santos, Santander
1559	2020/11/29	01:43:23	1,868	-75,891	41,0	1,1	Suaza, Huila

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1560	2020/11/29	01:45:26	2,309	-75,43	63,0	1,2	Gigante, Huila
1561	2020/11/29	01:56:15	4,653	-75,032	25,0	0,6	Alvarado, Tolima
1562	2020/11/29	03:08:11	6,736	-73,23	135,0	1,6	Zapatoca, Santander
1563	2020/11/29	03:16:08	5,54	-73,845	129,0	1,4	Simijaca, Cundinamarca
1564	2020/11/29	03:17:29	7,597	-72,673	16,0	2,4	Bochalema, Norte de Santander
1565	2020/11/29	03:43:23	6,798	-73,182	150,0	1,7	Los Santos, Santander
1566	2020/11/29	04:03:08	6,749	-73,176	132,0	1,6	Los Santos, Santander
1567	2020/11/29	04:06:12	6,784	-73,175	134,0	1,5	Los Santos, Santander
1568	2020/11/29	04:09:44	6,766	-73,159	142,0	2,0	Los Santos, Santander
1569	2020/11/29	04:17:52	6,798	-73,174	136,0	2,1	Los Santos, Santander
1570	2020/11/29	04:21:04	6,689	-73,162	148,0	1,6	Villanueva, Santander
1571	2020/11/29	04:38:28	6,809	-73,187	148,0	1,6	Los Santos, Santander
1572	2020/11/29	05:05:27	3,774	-77,07	29,0	1,1	Buenaventura, Valle del Cauca
1573	2020/11/29	05:27:05	6,786	-73,121	137,0	2,1	Los Santos, Santander
1574	2020/11/29	05:49:19	6,788	-73,133	142,0	1,6	Los Santos, Santander
1575	2020/11/29	06:28:20	2,344	-75,432	14,0	1,4	Gigante, Huila
1576	2020/11/29	06:35:00	6,771	-73,146	137,0	1,7	Los Santos, Santander
1577	2020/11/29	07:16:48	6,783	-73,151	149,0	1,5	Los Santos, Santander
1578	2020/11/29	07:18:19	6,771	-73,164	150,0	1,6	Los Santos, Santander
1579	2020/11/29	07:31:54	6,788	-73,091	143,0	1,7	Los Santos, Santander
1580	2020/11/29	07:41:43	6,784	-73,205	146,0	1,7	Zapatoca, Santander
1581	2020/11/29	08:01:53	6,728	-73,141	136,0	1,8	Jordán, Santander
1582	2020/11/29	09:10:02	6,786	-73,168	142,0	2,1	Los Santos, Santander
1583	2020/11/29	09:33:11	6,829	-73,185	145,0	2,8	Zapatoca, Santander
1584	2020/11/29	09:57:56	6,799	-73,177	145,0	3,3	Los Santos, Santander
1585	2020/11/29	10:09:51	6,755	-73,151	136,0	2,0	Los Santos, Santander
1586	2020/11/29	10:57:30	6,838	-73,05	141,0	1,9	Los Santos, Santander
1587	2020/11/29	11:00:37	6,225	-74,155	21,0	1,1	Cimitarra, Santander
1588	2020/11/29	12:39:55	6,772	-73,177	143,0	1,9	Los Santos, Santander
1589	2020/11/29	14:29:22	3,489	-74,203	10,0	1,8	Mesetas, Meta
1590	2020/11/29	14:53:58	8,46	-73,278	143,0	2,1	Teorama, Norte de Santander
1591	2020/11/29	15:00:35	6,838	-73,135	149,0	1,9	Los Santos, Santander
1592	2020/11/29	15:26:33	6,621	-73,182	147,0	2,0	Barichara, Santander
1593	2020/11/29	15:44:17	6,775	-73,141	140,0	2,1	Los Santos, Santander
1594	2020/11/29	17:48:31	6,788	-73,117	137,0	2,1	Los Santos, Santander
1595	2020/11/29	17:53:55	6,804	-73,058	144,0	1,7	Los Santos, Santander
1596	2020/11/29	18:05:19	4,26	-73,73	22,0	1,1	Villavicencio, Meta
1597	2020/11/29	18:09:38	6,762	-73,176	135,0	1,8	Los Santos, Santander
1598	2020/11/29	18:58:50	6,796	-73,159	140,0	2,8	Los Santos, Santander
1599	2020/11/29	19:17:01	2,114	-80,394	30,0	3,3	Océano Pacífico
1600	2020/11/29	20:52:21	5,591	-76,551	12,0	1,5	Atrato (Yuto), Chocó
1601	2020/11/29	21:28:55	4,35	-76,563	54,0	1,1	Sipí, Chocó
1602	2020/11/29	21:54:31	11,035	-72,474	89,0	2,1	Cerca de la Costa de Colombia
1603	2020/11/29	21:54:44	4,939	-76,727	32,0	1,5	Medio San Juan (Andagoya), Chocó
1604	2020/11/29	22:18:08	6,745	-73,21	137,0	1,8	Villanueva, Santander
1605	2020/11/29	23:28:49	6,81	-73,141	133,0	1,8	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1606	2020/11/30	00:17:08	7,749	-73,328	121,0	2,1	La Esperanza, Norte de Santander
1607	2020/11/30	00:52:26	6,752	-73,184	146,0	1,7	Villanueva, Santander
1608	2020/11/30	01:14:23	6,797	-73,168	143,0	3,3	Los Santos, Santander
1609	2020/11/30	01:22:33	4,841	-77,63	30,0	1,6	Océano Pacífico
1610	2020/11/30	01:34:38	6,794	-73,152	144,0	2,4	Los Santos, Santander
1611	2020/11/30	01:57:36	5,957	-76,618	100,0	1,3	Medio Atrato (Beté), Chocó
1612	2020/11/30	03:27:09	5,7	-76,044	51,0	0,9	Betania, Antioquia
1613	2020/11/30	04:14:15	4,696	-74,678	1,0	0,9	Pulí, Cundinamarca
1614	2020/11/30	04:28:27	4,722	-76,149	95,0	1,5	Argelia, Valle del Cauca
1615	2020/11/30	04:43:19	3,71	-77,256	20,0	2,6	Océano Pacífico
1616	2020/11/30	04:58:06	6,749	-73,176	138,0	1,8	Los Santos, Santander
1617	2020/11/30	05:31:44	2,586	-75,662	24,0	1,7	Tesalia, Huila
1618	2020/11/30	06:21:27	6,867	-75,792	11,0	1,7	Sabanalarga, Antioquia
1619	2020/11/30	06:47:00	6,787	-73,167	136,0	2,0	Los Santos, Santander
1620	2020/11/30	07:02:07	7,0	-75,365	4,0	1,0	Yarumal, Antioquia
1621	2020/11/30	07:03:40	2,525	-75,394	23,0	1,3	Hobo, Huila
1622	2020/11/30	07:34:26	3,489	-74,201	10,0	1,6	Mesetas, Meta
1623	2020/11/30	08:22:56	6,707	-73,15	138,0	2,0	Villanueva, Santander
1624	2020/11/30	08:38:05	6,78	-73,125	137,0	2,3	Los Santos, Santander
1625	2020/11/30	08:49:09	7,414	-73,265	125,0	1,5	Rionegro, Santander
1626	2020/11/30	09:20:51	3,34	-74,435	8,0	1,2	Uribe, Meta
1627	2020/11/30	10:11:09	5,603	-76,039	39,0	1,2	Bagadó, Chocó
1628	2020/11/30	10:16:02	6,694	-73,206	134,0	1,7	Barichara, Santander
1629	2020/11/30	10:16:46	6,817	-73,153	136,0	1,9	Los Santos, Santander
1630	2020/11/30	10:26:52	6,583	-73,476	115,0	2,1	El Carmen, Santander
1631	2020/11/30	11:12:05	7,563	-73,117	116,0	2,1	El Playón, Santander
1632	2020/11/30	11:28:41	6,758	-73,124	132,0	2,1	Los Santos, Santander
1633	2020/11/30	11:30:21	6,766	-73,176	137,0	2,1	Los Santos, Santander
1634	2020/11/30	11:51:27	5,293	-73,735	136,0	1,9	Lenguazaque, Cundinamarca
1635	2020/11/30	12:01:30	6,793	-73,155	141,0	2,8	Los Santos, Santander
1636	2020/11/30	12:12:24	6,689	-73,138	130,0	2,2	Villanueva, Santander
1637	2020/11/30	12:29:02	5,414	-73,785	137,0	1,6	Fúquene, Cundinamarca
1638	2020/11/30	13:07:57	6,728	-73,133	139,0	2,4	Jordán, Santander
1639	2020/11/30	13:54:12	6,828	-73,152	142,0	1,9	Los Santos, Santander
1640	2020/11/30	14:06:36	6,853	-73,175	146,0	1,8	Zapatoca, Santander
1641	2020/11/30	16:45:34	2,372	-75,444	0,0	1,3	Gigante, Huila
1642	2020/11/30	16:58:50	5,332	-77,588	20,0	1,8	Océano Pacífico
1643	2020/11/30	18:01:35	6,796	-73,137	134,0	2,0	Los Santos, Santander
1644	2020/11/30	18:55:08	3,937	-76,307	115,0	2,0	Buga, Valle del Cauca
1645	2020/11/30	19:17:39	5,293	-73,773	138,0	2,4	Ubaté, Cundinamarca
1646	2020/11/30	20:21:20	5,113	-74,684	14,0	1,4	Guaduas, Cundinamarca
1647	2020/11/30	21:02:52	5,91	-74,884	2,0	1,0	San Francisco, Antioquia
1648	2020/11/30	22:03:20	6,743	-72,908	198,0	1,8	Cepitá, Santander
1649	2020/11/30	22:08:28	6,793	-73,185	144,0	1,8	Los Santos, Santander

Tabla 3.2: Eventos durante noviembre de 2020

3.4 Mapa de sismicidad mensual noviembre de 2020

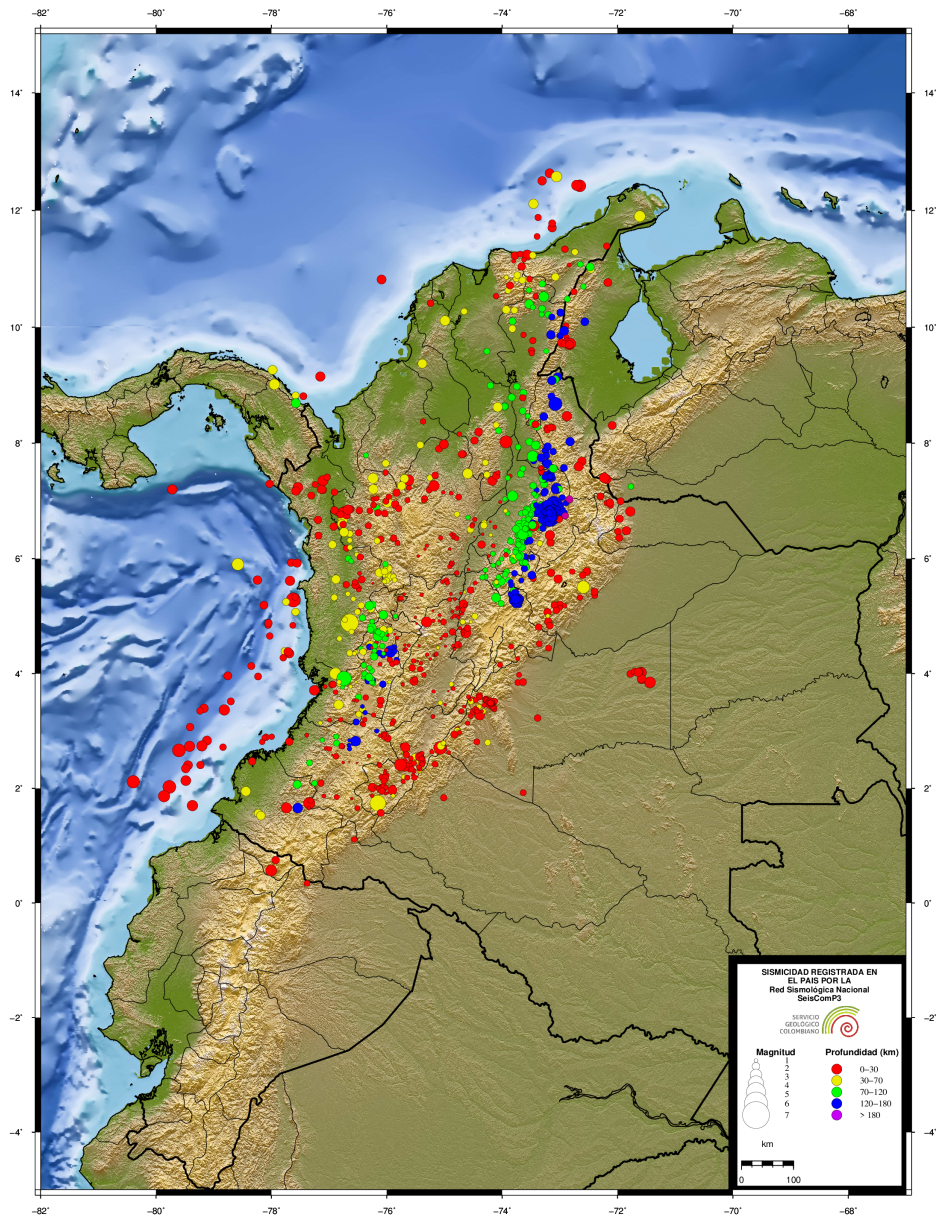


Figura 3.2: Eventos durante noviembre de 2020

4

ESTADÍSTICAS DE LA SISMICIDAD

4.1 Errores

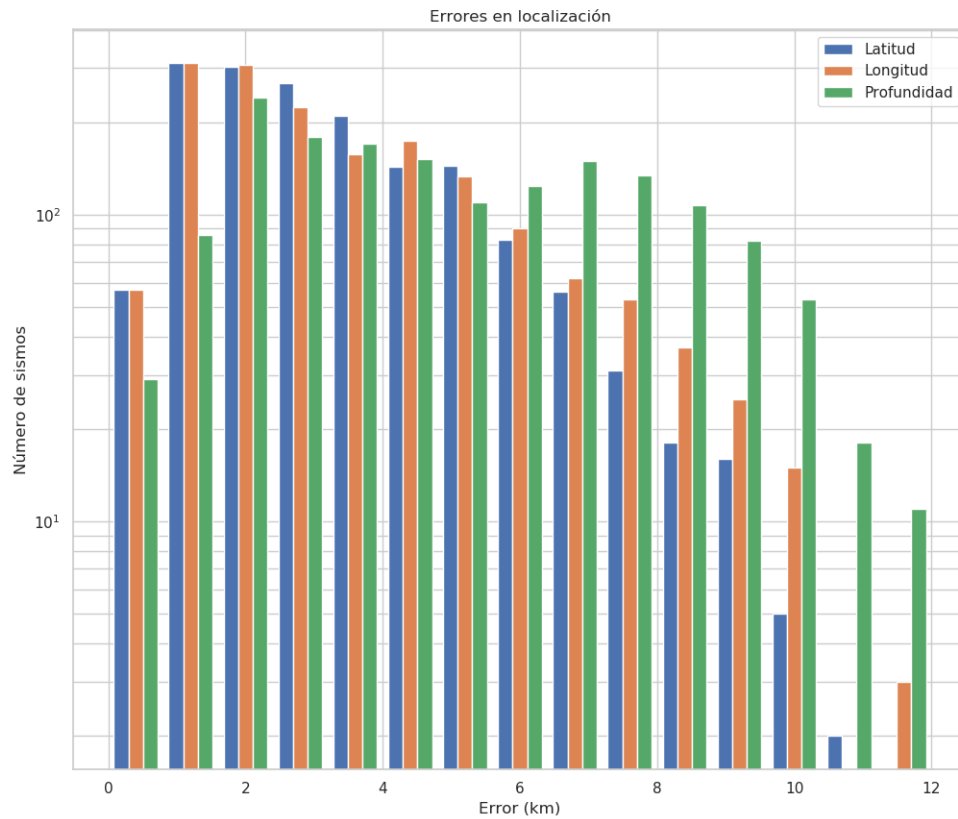


Figura 4.1: Error en latitud, longitud y profundidad (km)

4.2 Número de sismos

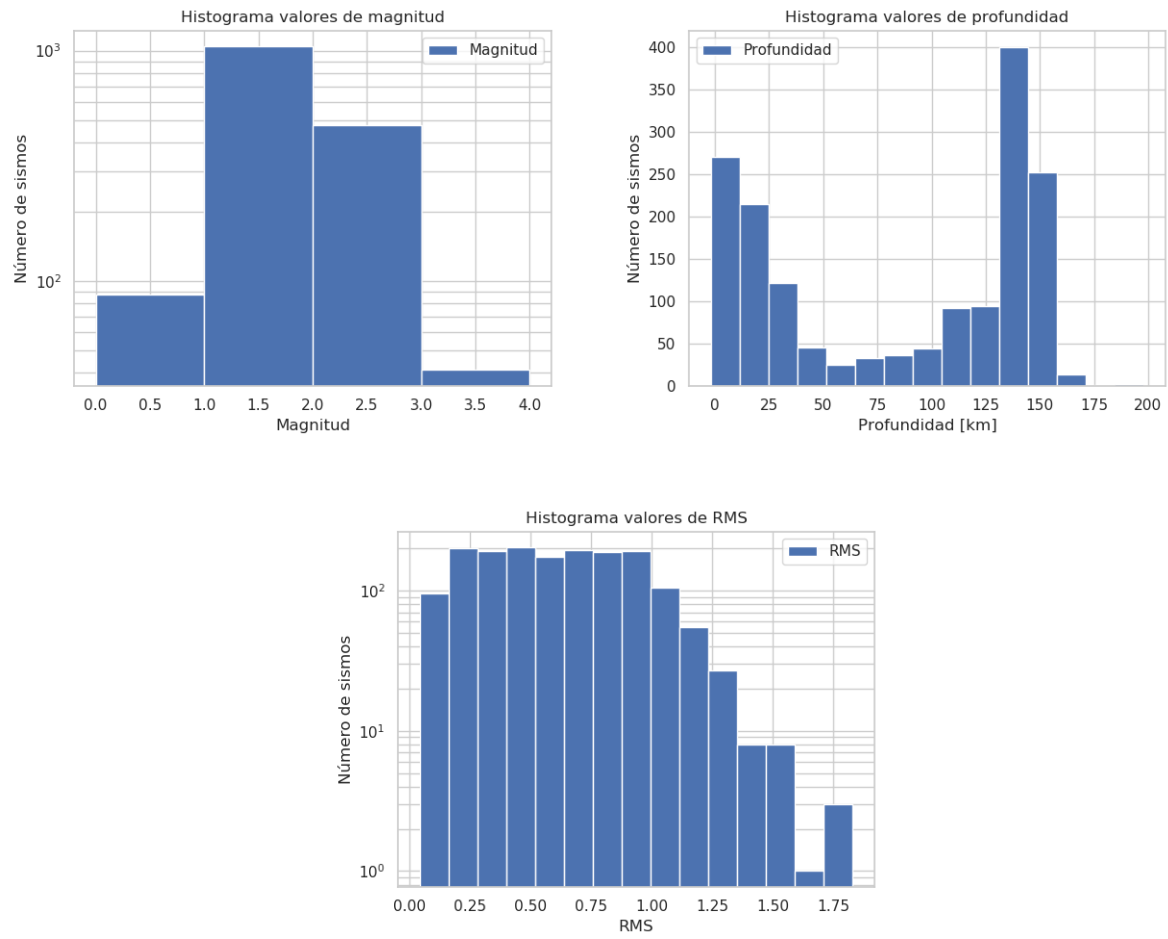


Figura 4.2: Número de eventos sísmicos por magnitud, profundidad y RMS.

4.3 Evolución Temporal

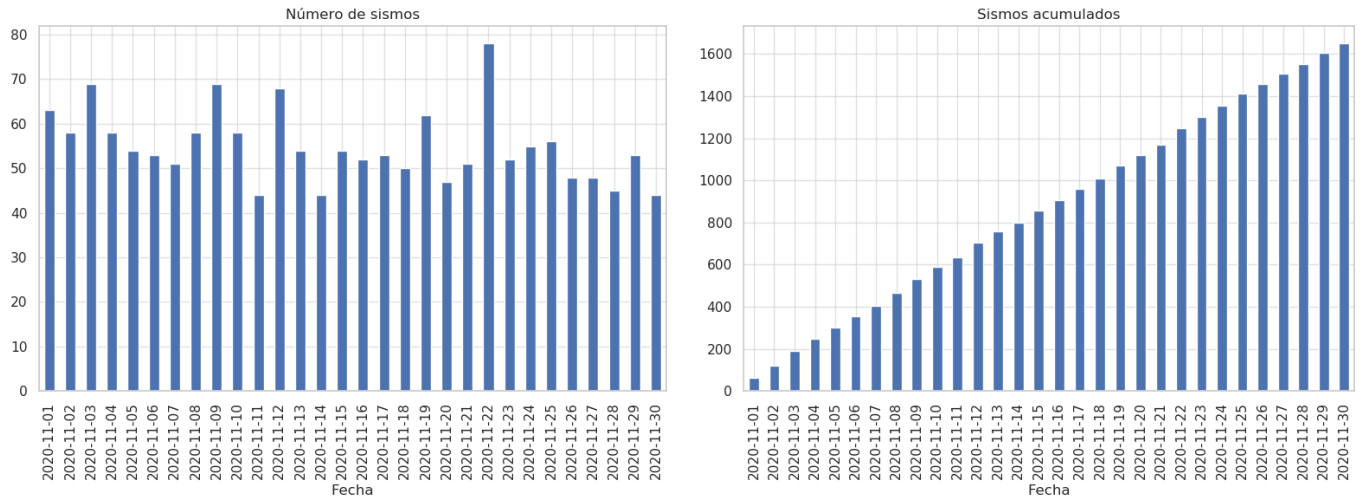


Figura 4.3: Número de eventos por días y acumulado por días

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