
BOLETÍN DE SISMOS

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Diciembre de 2020

Servicio Geológico Colombiano

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BOLETÍN DE SISMOS

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SERVICIO GEOLÓGICO COLOMBIANO

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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

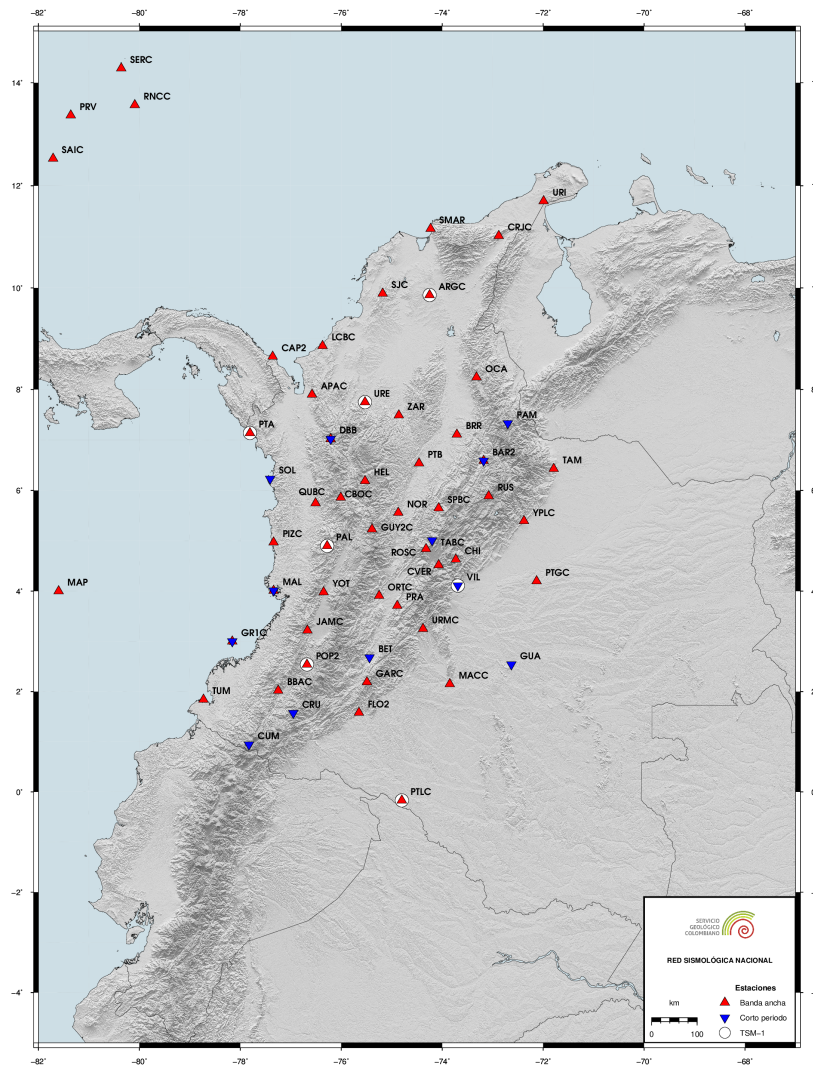


Figura 2.1: Localización de las estaciones de la RSNC.

2.2 Histograma de funcionamiento de las estaciones

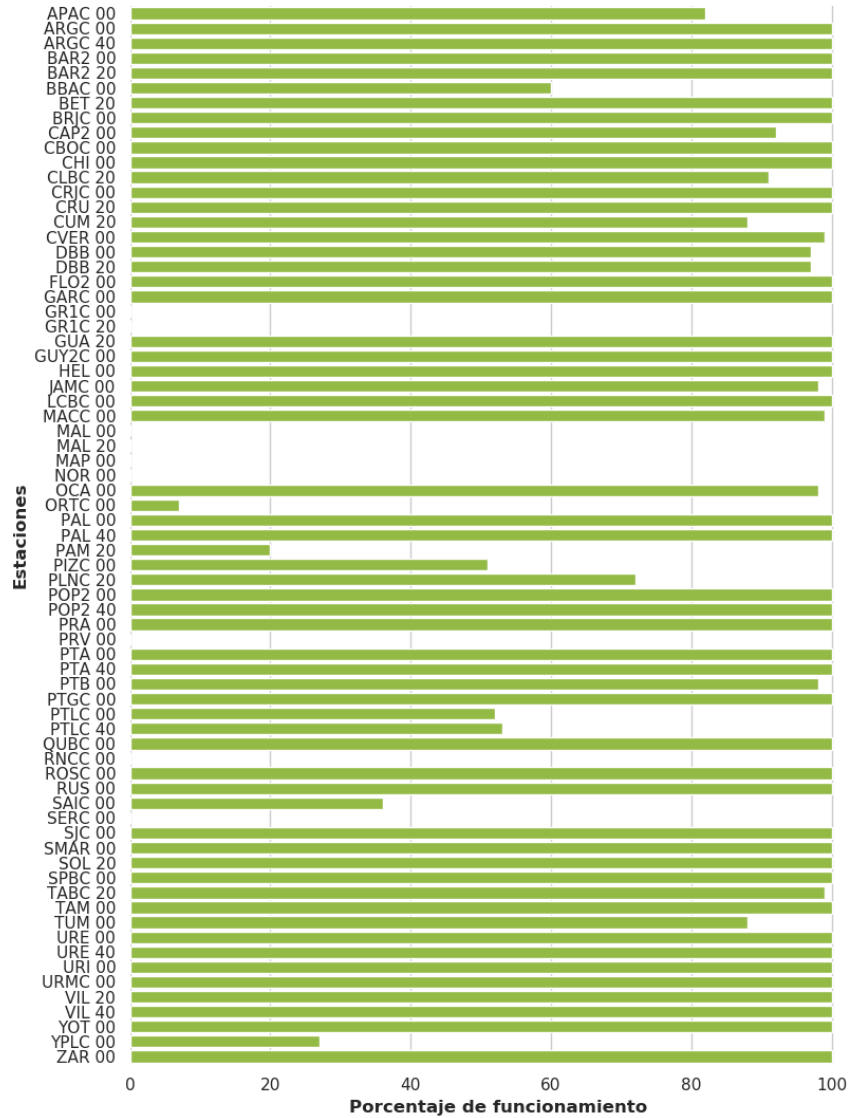


Figura 2.2: El porcentaje de funcionamiento es calculado según la disponibilidad de los datos.

3

Sismicidad de diciembre de 2020

Durante el mes de diciembre se registraron 1998 eventos, entre los cuales 1884 corresponden a eventos locales, 27 a eventos regionales, 63 a eventos en el Océano Pacífico, 12 a eventos en el Mar Caribe y 12 a eventos Volcánicos. De los eventos localizados, 23 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 diciembre de 2020

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2020/12/01	03:57:19	1,878	-75,996	29,0	2,9	Pitalito, Huila
2	2020/12/01	04:20:30	6,982	-77,156	47,0	4,0	Carmen del Darién (Curbaradó), Chocó
3	2020/12/02	14:16:21	0,8045	-77,944	4,0	2,8	Área de influencia Complejo volcánico Chiles, Cerro Negro
4	2020/12/06	18:59:39	0,8	-77,94	4,0	2,1	Área de Influencia Volcán Chile, Cerro Negro
5	2020/12/08	03:21:58	4,852	-77,66	29,0	4,9	Océano Pacífico
6	2020/12/08	08:29:37	2,463	-75,474	33,0	3,4	Gigante, Huila
7	2020/12/08	13:03:08	1,27	-77,329	7,0	3,4	Área de Influencia Volcan Galeras
8	2020/12/10	17:34:42	0,81	-77,93	4,0	2,1	Área de Influencia Volcán Chile, Cerro Negro
9	2020/12/11	03:12:35	0,804333	-77,9325	4,0	2,4	Área de influencia Complejo volcánico Chiles, Cerro Negro
10	2020/12/11	07:12:41	1,05	-77,93	7,0	2,0	Área de Influencia Volcán Chiles, Cerro Negro
11	2020/12/11	17:36:42	0,81	-77,93	4,0	2,8	Área de Influencia Volcán Chiles, Cerro Negro
12	2020/12/12	01:07:28	7,868	-72,971	184,0	4,4	Villa Caro, Norte de Santander
13	2020/12/12	02:24:10	5,837	-77,913	16,0	4,8	Océano Pacífico
14	2020/12/16	18:24:29	1,29	-77,28	8,0	2,4	Área de Influencia Volcán Galeras
15	2020/12/16	23:32:29	6,805	-73,213	147,0	5,0	Zapatoca, Santander
16	2020/12/18	15:14:52	0,79	-77,94	5,0	3,1	Área de Influencia Volcán Chiles, Cerro Negro
17	2020/12/22	03:38:24	2,291	-75,551	27,0	3,0	Gigante, Huila
18	2020/12/23	01:32:52	1,274	-78,904	75,0	4,3	Colombia-Ecuador
19	2020/12/23	14:42:54	0,797167	-77,9368	5,0	3,9	Área de influencia Complejo volcánico Chiles, Cerro Negro
20	2020/12/28	00:04:35	1,19	-77,32	4,0	2,4	Área de Influencia Volcán Galeras
21	2020/12/28	14:42:02	4,902	-75,322	3,0	3,6	Área de Influencia Volcán Nevado del Ruiz
22	2020/12/28	21:47:36	3,574	-77,409	48,0	4,4	Océano Pacífico
23	2020/12/29	18:26:29	4,931	-82,458	0,0	4,4	Océano Pacífico

Tabla 3.1: Eventos destacados durante diciembre de 2020

3.2 Mapa de sismicidad destacada diciembre de 2020

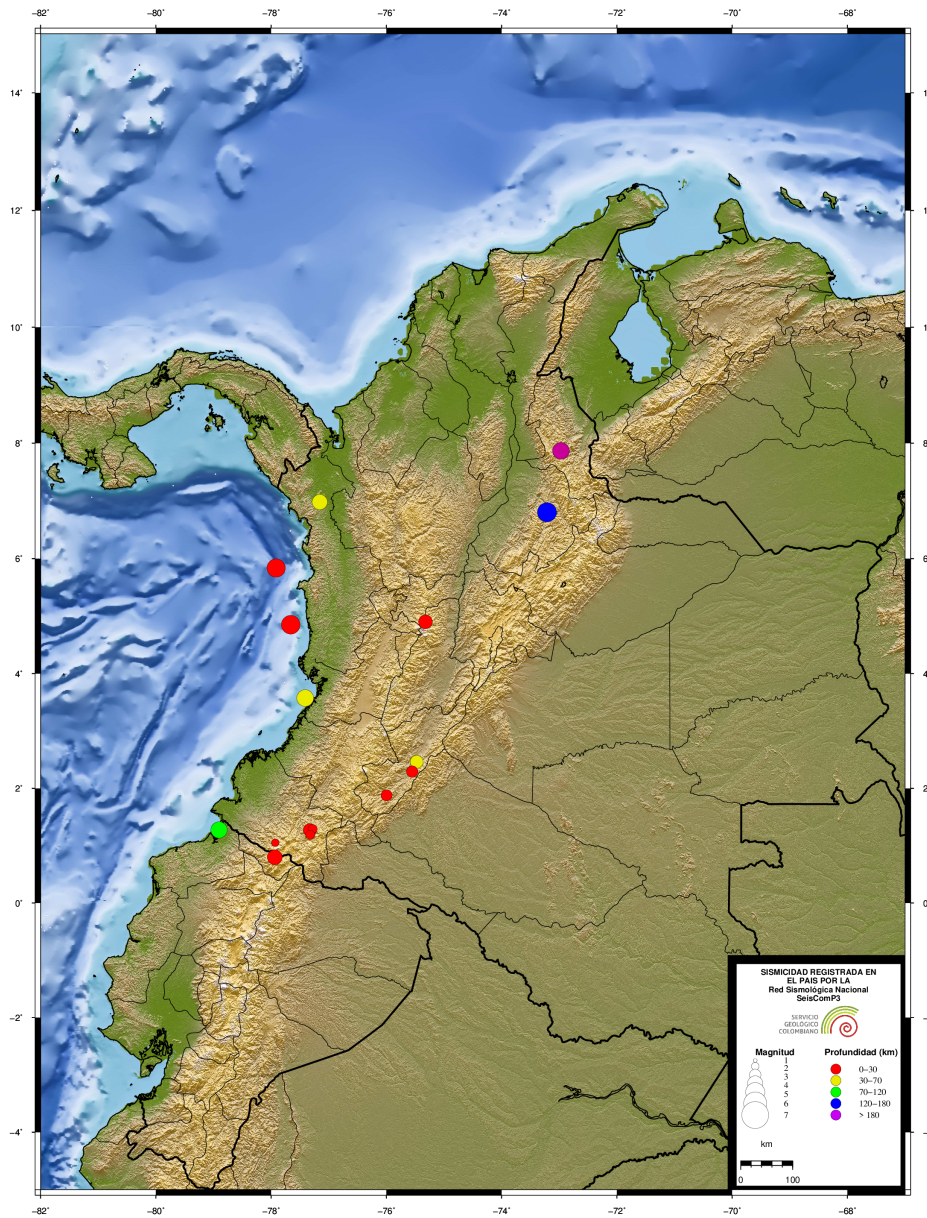


Figura 3.1: Eventos destacados durante diciembre de 2020

3.3 Tabla de sismicidad mensual diciembre de 2020

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2020/12/01	01:08:00	6,277	-73,663	108,0	1,7	La Paz, Santander
2	2020/12/01	02:10:14	6,887	-73,274	127,0	1,7	Betulia, Santander
3	2020/12/01	02:33:06	2,02	-75,944	16,0	0,9	Elías, Huila
4	2020/12/01	03:24:44	3,917	-75,069	23,0	1,7	Saldaña, Tolima
5	2020/12/01	03:57:19	1,878	-75,996	29,0	2,9	Pitalito, Huila
6	2020/12/01	04:20:30	6,982	-77,156	47,0	4,0	Carmen del Darién (Curbaradó), Chocó
7	2020/12/01	04:25:33	3,493	-74,215	6,0	1,4	Mesetas, Meta
8	2020/12/01	04:38:01	6,737	-73,193	131,0	1,9	Villanueva, Santander
9	2020/12/01	05:23:51	6,54	-73,486	112,0	1,6	El Carmen, Santander
10	2020/12/01	05:29:03	4,236	-76,17	127,0	1,3	Bugalagrande, Valle del Cauca
11	2020/12/01	05:41:53	4,646	-74,629	28,0	1,3	Jerusalén, Cundinamarca
12	2020/12/01	06:45:21	8,254	-73,114	144,0	2,5	Hacarí, Norte de Santander
13	2020/12/01	07:47:42	7,915	-73,222	125,0	2,3	Ábrego, Norte de Santander
14	2020/12/01	07:59:56	10,564	-73,427	86,0	2,9	Valledupar, Cesar
15	2020/12/01	08:10:05	6,793	-73,16	143,0	1,8	Los Santos, Santander
16	2020/12/01	08:49:50	10,814	-73,335	79,0	1,8	Valledupar, Cesar
17	2020/12/01	09:04:36	6,816	-73,222	147,0	1,6	Zapatoca, Santander
18	2020/12/01	09:13:26	6,804	-73,17	146,0	1,4	Los Santos, Santander
19	2020/12/01	09:17:38	5,091	-74,003	132,0	1,6	Cogua, Cundinamarca
20	2020/12/01	09:22:18	11,409	-74,35	21,0	1,6	Mar Caribe
21	2020/12/01	09:28:50	5,603	-73,96	105,0	1,7	Pauna, Boyacá
22	2020/12/01	09:33:57	5,31	-76,504	50,0	1,3	Tadó, Chocó
23	2020/12/01	10:14:13	6,841	-73,187	147,0	1,8	Zapatoca, Santander
24	2020/12/01	12:23:37	1,994	-76,061	16,0	1,2	Saladoblanco, Huila
25	2020/12/01	12:38:52	6,118	-73,716	109,0	1,3	Vélez, Santander
26	2020/12/01	13:26:11	6,122	-73,802	101,0	1,5	El Peñón, Santander
27	2020/12/01	13:51:28	6,594	-73,554	110,0	1,4	El Carmen, Santander
28	2020/12/01	14:07:53	3,41	-74,198	4,0	1,2	Mesetas, Meta
29	2020/12/01	14:09:43	3,442	-74,17	3,0	1,3	Mesetas, Meta
30	2020/12/01	14:20:46	3,512	-74,241	8,0	1,7	Mesetas, Meta
31	2020/12/01	15:50:21	5,903	-73,589	132,0	1,9	Moniquirá, Boyacá
32	2020/12/01	16:04:05	6,776	-73,134	144,0	1,9	Los Santos, Santander
33	2020/12/01	16:31:49	6,785	-73,1	148,0	2,0	Los Santos, Santander
34	2020/12/01	16:42:06	6,812	-73,126	146,0	2,1	Los Santos, Santander
35	2020/12/01	16:51:58	11,285	-73,33	40,0	1,6	Mar Caribe
36	2020/12/01	17:09:41	6,677	-73,181	147,0	1,8	Villanueva, Santander
37	2020/12/01	19:12:13	6,707	-73,218	128,0	1,5	Barichara, Santander
38	2020/12/01	20:24:30	7,202	-74,364	10,0	2,2	San Pablo, Bolívar
39	2020/12/01	21:12:30	3,917	-76,308	111,0	1,7	Buga, Valle del Cauca
40	2020/12/01	21:52:01	6,791	-73,002	154,0	2,0	Aratocha, Santander
41	2020/12/01	22:15:08	6,831	-73,138	147,0	2,6	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
42	2020/12/01	22:41:51	6,596	-73,184	150,0	1,8	Barichara, Santander
43	2020/12/02	00:01:02	2,524	-76,871	125,0	1,3	El Tambo, Cauca
44	2020/12/02	00:12:11	6,82	-73,121	145,0	1,8	Los Santos, Santander
45	2020/12/02	00:15:48	6,904	-73,154	143,0	1,9	Girón, Santander
46	2020/12/02	00:16:52	6,776	-73,371	131,0	1,6	San Vicente de Chucurí, Santander
47	2020/12/02	01:00:16	6,754	-73,116	136,0	1,8	Los Santos, Santander
48	2020/12/02	01:30:24	4,422	-73,458	10,0	1,2	Medina, Cundinamarca
49	2020/12/02	02:23:21	6,812	-73,122	147,0	1,7	Los Santos, Santander
50	2020/12/02	02:27:24	6,779	-73,107	140,0	2,1	Los Santos, Santander
51	2020/12/02	03:08:28	5,248	-73,748	146,0	1,8	Cucunubá, Cundinamarca
52	2020/12/02	03:27:25	3,745	-74,602	41,0	1,5	Dolores, Tolima
53	2020/12/02	03:42:37	6,818	-73,096	138,0	1,9	Los Santos, Santander
54	2020/12/02	04:18:07	5,539	-74,75	3,0	1,1	Victoria, Caldas
55	2020/12/02	04:25:41	6,775	-73,193	139,0	1,8	Los Santos, Santander
56	2020/12/02	04:27:42	4,524	-78,113	20,0	1,8	Océano Pacífico
57	2020/12/02	04:56:25	6,635	-73,154	134,0	1,6	Villanueva, Santander
58	2020/12/02	05:00:02	6,754	-73,188	134,0	1,7	Villanueva, Santander
59	2020/12/02	05:08:30	5,629	-73,971	104,0	2,1	Pauna, Boyacá
60	2020/12/02	05:08:58	2,098	-79,656	10,0	2,5	Océano Pacífico
61	2020/12/02	05:16:21	6,792	-73,164	139,0	1,5	Los Santos, Santander
62	2020/12/02	05:38:35	5,225	-76,502	41,0	1,1	Rio Iró (Santa Rita), Chocó
63	2020/12/02	05:58:23	1,893	-75,999	20,0	0,7	Pitalito, Huila
64	2020/12/02	06:27:14	3,455	-74,209	1,0	1,2	Mesetas, Meta
65	2020/12/02	06:54:10	6,809	-73,143	144,0	1,8	Los Santos, Santander
66	2020/12/02	07:10:00	6,847	-73,159	136,0	1,8	Los Santos, Santander
67	2020/12/02	08:04:26	6,79	-73,185	151,0	1,7	Los Santos, Santander
68	2020/12/02	08:18:23	6,798	-76,626	0,0	1,5	Murindó, Antioquia
69	2020/12/02	08:24:40	6,837	-73,196	146,0	1,8	Zapatoca, Santander
70	2020/12/02	09:11:42	5,592	-73,789	133,0	1,5	Chiquiquirá, Boyacá
71	2020/12/02	09:22:44	5,83	-75,951	62,0	1,4	Ciudad Bolívar, Antioquia
72	2020/12/02	09:36:30	6,733	-73,16	139,0	2,2	Villanueva, Santander
73	2020/12/02	10:19:01	6,737	-73,111	139,0	2,0	Los Santos, Santander
74	2020/12/02	10:32:04	6,711	-73,148	150,0	1,9	Jordán, Santander
75	2020/12/02	12:22:06	6,463	-73,773	98,0	1,2	Landázuri, Santander
76	2020/12/02	12:24:42	4,578	-74,716	28,0	0,6	Jerusalén, Cundinamarca
77	2020/12/02	13:41:39	6,92	-73,11	146,0	2,0	Girón, Santander
78	2020/12/02	14:08:47	5,699	-74,0	107,0	2,0	Pauna, Boyacá
79	2020/12/02	14:16:21	0,8045	-77,944	4,0	2,8	Área de influencia Complejo volcánico Chiles, Cerro Negro
80	2020/12/02	15:44:37	3,253	-72,472	0,0	2,2	Mapiripán, Meta
81	2020/12/02	17:18:37	6,996	-74,113	83,0	1,9	Yondó (Casabe), Antioquia
82	2020/12/02	20:37:37	6,764	-73,156	144,0	2,1	Los Santos, Santander
83	2020/12/02	21:10:22	1,676	-78,365	99,0	2,8	Roberto Payán (San José), Nariño
84	2020/12/02	21:44:45	4,193	-75,831	13,0	0,8	Sevilla, Valle del Cauca
85	2020/12/02	22:39:23	4,085	-76,636	61,0	1,4	El Litoral del San Juan (Docordó), Chocó
86	2020/12/02	23:14:35	5,247	-73,711	146,0	1,8	Cucunubá, Cundinamarca
87	2020/12/02	23:33:42	5,538	-73,572	152,0	1,8	Ráquira, Boyacá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
88	2020/12/02	23:44:05	2,695	-74,331	1,0	1,3	Uribe, Meta
89	2020/12/02	23:45:02	12,089	-74,001	21,0	3,2	Mar Caribe
90	2020/12/03	00:41:46	6,867	-73,127	148,0	3,1	Los Santos, Santander
91	2020/12/03	01:55:31	7,126	-77,025	26,0	1,8	Carmen del Darién (Curbaradó), Chocó
92	2020/12/03	03:10:26	2,39	-75,649	27,0	1,2	Paicol, Huila
93	2020/12/03	04:23:08	2,011	-76,052	16,0	1,2	Saladoblanco, Huila
94	2020/12/03	04:28:39	6,792	-73,193	129,0	1,7	Los Santos, Santander
95	2020/12/03	04:33:23	6,754	-73,171	138,0	1,8	Los Santos, Santander
96	2020/12/03	04:46:51	5,277	-73,764	146,0	1,6	Cucunubá, Cundinamarca
97	2020/12/03	05:20:03	6,793	-73,162	144,0	2,7	Los Santos, Santander
98	2020/12/03	05:24:09	1,967	-75,997	23,0	1,4	Eliás, Huila
99	2020/12/03	05:31:07	3,908	-76,443	146,0	1,3	Yotoco, Valle del Cauca
100	2020/12/03	05:40:48	6,765	-73,14	143,0	2,3	Los Santos, Santander
101	2020/12/03	06:02:27	1,885	-75,991	22,0	1,2	Pitalito, Huila
102	2020/12/03	06:12:06	7,324	-76,11	16,0	1,4	Ituango, Antioquia
103	2020/12/03	06:14:45	4,692	-76,68	56,0	1,3	Sipí, Chocó
104	2020/12/03	07:51:54	6,96	-73,635	101,0	1,5	San Vicente de Chucurí, Santander
105	2020/12/03	07:52:51	6,802	-73,184	140,0	1,8	Los Santos, Santander
106	2020/12/03	08:06:12	6,788	-73,167	136,0	1,7	Los Santos, Santander
107	2020/12/03	08:13:41	6,814	-73,127	143,0	2,8	Los Santos, Santander
108	2020/12/03	08:33:12	6,772	-73,127	140,0	1,9	Los Santos, Santander
109	2020/12/03	08:44:01	6,787	-73,132	150,0	1,8	Los Santos, Santander
110	2020/12/03	08:57:21	6,741	-73,137	137,0	2,2	Los Santos, Santander
111	2020/12/03	09:34:33	5,158	-72,983	0,0	1,5	Páez, Boyacá
112	2020/12/03	09:47:40	3,202	-75,657	14,0	1,2	Planadas, Tolima
113	2020/12/03	11:44:27	7,392	-75,244	51,0	3,1	Tarazá, Antioquia
114	2020/12/03	14:07:09	6,51	-73,522	107,0	1,8	Simacota, Santander
115	2020/12/03	14:25:20	6,754	-73,116	138,0	2,1	Los Santos, Santander
116	2020/12/03	14:29:43	6,91	-73,331	125,0	1,5	Zapatoca, Santander
117	2020/12/03	15:22:21	3,544	-76,435	124,0	1,4	Palmira, Valle del Cauca
118	2020/12/03	16:17:44	5,295	-73,783	141,0	1,9	Ubaté, Cundinamarca
119	2020/12/03	16:54:52	2,977	-74,796	6,0	1,5	Uribe, Meta
120	2020/12/03	17:36:58	3,408	-74,148	6,0	1,1	Mesetas, Meta
121	2020/12/03	20:10:22	3,701	-76,985	8,0	1,6	Buenaventura, Valle del Cauca
122	2020/12/03	21:00:26	6,752	-73,069	149,0	1,9	Los Santos, Santander
123	2020/12/03	21:48:21	2,085	-75,704	11,0	1,6	Guadalupe, Huila
124	2020/12/03	22:09:53	6,884	-73,157	145,0	2,3	Los Santos, Santander
125	2020/12/03	22:55:54	5,265	-78,213	21,0	2,4	Océano Pacífico
126	2020/12/03	23:49:11	2,085	-77,932	53,0	2,0	El Charco, Nariño
127	2020/12/04	00:04:43	6,88	-73,168	149,0	1,9	Los Santos, Santander
128	2020/12/04	00:27:06	6,833	-73,115	144,0	2,3	Los Santos, Santander
129	2020/12/04	00:30:20	6,844	-73,163	136,0	1,5	Los Santos, Santander
130	2020/12/04	00:38:52	5,427	-74,982	1,0	1,0	Samaná, Caldas
131	2020/12/04	00:46:55	5,255	-73,777	143,0	1,6	Cucunubá, Cundinamarca
132	2020/12/04	00:49:54	11,972	-73,118	14,0	1,9	Mar Caribe
133	2020/12/04	01:55:08	5,958	-73,683	119,0	1,3	Guavatá, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
134	2020/12/04	01:56:30	6,081	-75,227	0,0	1,3	Cocorná, Antioquia
135	2020/12/04	02:07:50	6,774	-73,142	144,0	1,7	Los Santos, Santander
136	2020/12/04	02:14:52	6,736	-73,184	146,0	1,6	Villanueva, Santander
137	2020/12/04	03:00:09	5,626	-74,367	80,0	1,3	Yacopí, Cundinamarca
138	2020/12/04	03:06:33	6,796	-73,15	134,0	1,7	Los Santos, Santander
139	2020/12/04	03:51:54	7,692	-77,25	16,0	3,0	Riosucio, Chocó
140	2020/12/04	03:57:32	6,839	-73,215	146,0	1,6	Zapatoca, Santander
141	2020/12/04	04:19:18	4,762	-76,156	93,0	2,5	El Cairo, Valle del Cauca
142	2020/12/04	05:08:54	2,064	-78,613	93,0	2,2	Francisco Pizarro (Salahonda), Nariño
143	2020/12/04	05:36:25	4,338	-75,95	17,0	1,0	Sevilla, Valle del Cauca
144	2020/12/04	06:08:48	7,424	-77,591	17,0	1,6	Riosucio, Chocó
145	2020/12/04	06:11:47	6,745	-73,184	138,0	1,7	Villanueva, Santander
146	2020/12/04	06:14:14	6,757	-73,177	140,0	1,4	Los Santos, Santander
147	2020/12/04	06:31:15	6,73	-73,184	147,0	1,5	Villanueva, Santander
148	2020/12/04	07:10:43	3,168	-76,433	118,0	1,6	Guachene, Cauca
149	2020/12/04	07:17:19	5,996	-76,597	44,0	1,4	Medio Atrato (Beté), Chocó
150	2020/12/04	07:28:43	7,451	-73,912	26,0	1,5	San Pablo, Bolívar
151	2020/12/04	07:39:04	8,456	-74,298	25,0	2,1	Tiquisio (Puerto Rico), Bolívar
152	2020/12/04	07:57:46	5,417	-73,781	132,0	1,4	Fúquene, Cundinamarca
153	2020/12/04	08:02:07	6,677	-73,214	135,0	1,8	Barichara, Santander
154	2020/12/04	08:09:33	2,018	-75,905	10,0	0,9	Elías, Huila
155	2020/12/04	08:33:31	6,746	-73,13	145,0	1,5	Los Santos, Santander
156	2020/12/04	08:35:36	6,876	-73,251	120,0	1,5	Zapatoca, Santander
157	2020/12/04	08:53:30	6,76	-73,161	142,0	1,6	Los Santos, Santander
158	2020/12/04	11:47:33	6,778	-73,13	147,0	1,8	Los Santos, Santander
159	2020/12/04	11:58:21	6,83	-73,184	152,0	1,9	Zapatoca, Santander
160	2020/12/04	12:33:24	8,753	-74,542	64,0	2,2	Achí, Bolívar
161	2020/12/04	13:35:13	6,728	-73,134	146,0	1,9	Jordán, Santander
162	2020/12/04	14:54:23	5,585	-74,355	76,0	1,5	Yacopí, Cundinamarca
163	2020/12/04	14:56:40	3,451	-74,207	4,0	1,2	Mesetas, Meta
164	2020/12/04	15:31:24	6,852	-73,152	145,0	1,8	Los Santos, Santander
165	2020/12/04	15:32:11	6,396	-73,697	101,0	1,6	Vélez, Santander
166	2020/12/04	15:38:03	6,183	-76,1	41,0	1,7	Urrao, Antioquia
167	2020/12/04	16:48:35	6,809	-73,107	145,0	2,1	Los Santos, Santander
168	2020/12/04	17:52:56	7,838	-73,344	114,0	1,9	Ábrego, Norte de Santander
169	2020/12/04	18:47:04	6,823	-73,596	98,0	1,9	San Vicente de Chucurí, Santander
170	2020/12/04	18:48:51	6,795	-73,553	108,0	1,6	El Carmen, Santander
171	2020/12/04	19:04:11	5,539	-73,906	117,0	1,7	Caldas, Boyacá
172	2020/12/04	19:42:17	4,793	-75,923	98,0	1,2	Cartago, Valle del Cauca
173	2020/12/04	20:05:09	3,684	-72,683	0,0	1,9	San Martín, Meta
174	2020/12/04	20:06:03	6,862	-76,313	0,0	1,6	Dabeiba, Antioquia
175	2020/12/04	20:45:27	5,267	-78,291	21,0	2,5	Océano Pacífico
176	2020/12/04	21:14:15	10,154	-72,434	0,0	1,5	Venezuela
177	2020/12/04	21:28:00	6,783	-73,155	147,0	1,8	Los Santos, Santander
178	2020/12/04	21:56:33	6,795	-73,147	146,0	2,5	Los Santos, Santander
179	2020/12/04	22:07:29	5,427	-73,779	131,0	2,1	Fúquene, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
180	2020/12/04	23:29:45	7,133	-76,31	0,0	1,5	Dabeiba, Antioquia
181	2020/12/04	23:54:23	6,792	-73,159	140,0	1,9	Los Santos, Santander
182	2020/12/05	00:34:41	4,87	-76,765	22,0	1,3	Nóvita, Chocó
183	2020/12/05	02:15:42	6,807	-73,144	148,0	1,8	Los Santos, Santander
184	2020/12/05	02:28:08	2,928	-76,43	17,0	0,9	Santander de Quilichao, Cauca
185	2020/12/05	02:46:18	8,391	-73,456	110,0	1,8	Ocaña, Norte de Santander
186	2020/12/05	03:00:51	1,957	-80,144	19,0	3,1	Océano Pacífico
187	2020/12/05	03:09:50	6,863	-73,149	149,0	1,9	Los Santos, Santander
188	2020/12/05	04:01:28	6,74	-73,147	133,0	2,1	Los Santos, Santander
189	2020/12/05	04:10:10	6,763	-73,142	134,0	2,3	Los Santos, Santander
190	2020/12/05	04:17:02	6,881	-73,223	134,0	1,3	Zapatoca, Santander
191	2020/12/05	04:50:05	4,947	-76,201	93,0	2,5	San José del Palmar, Chocó
192	2020/12/05	05:12:50	3,767	-77,26	10,0	1,7	Océano Pacífico
193	2020/12/05	05:47:12	4,723	-76,356	120,0	1,3	Sipí, Chocó
194	2020/12/05	05:57:01	4,277	-77,644	10,0	1,6	Océano Pacífico
195	2020/12/05	06:23:03	6,136	-74,064	95,0	1,3	Sucre, Santander
196	2020/12/05	07:08:27	6,72	-73,094	135,0	1,6	Jordán, Santander
197	2020/12/05	07:15:28	6,887	-73,167	135,0	1,5	Girón, Santander
198	2020/12/05	07:27:51	5,279	-73,764	139,0	2,0	Cucunubá, Cundinamarca
199	2020/12/05	07:31:24	6,724	-73,15	140,0	1,7	Villanueva, Santander
200	2020/12/05	08:47:33	3,88	-76,163	29,0	1,1	Buga, Valle del Cauca
201	2020/12/05	09:01:35	6,755	-73,162	147,0	2,9	Los Santos, Santander
202	2020/12/05	09:11:18	11,212	-72,199	82,0	1,5	Cerca de la Costa de Colombia
203	2020/12/05	10:10:57	5,734	-72,554	6,0	1,6	Pisva, Boyacá
204	2020/12/05	10:51:21	6,859	-73,163	126,0	1,6	Los Santos, Santander
205	2020/12/05	11:38:24	6,51	-73,502	119,0	1,4	Simacota, Santander
206	2020/12/05	11:54:10	6,732	-73,154	134,0	1,9	Los Santos, Santander
207	2020/12/05	12:32:16	11,092	-74,06	2,0	1,7	Santa Marta, Magdalena
208	2020/12/05	12:33:27	6,728	-73,15	134,0	1,9	Villanueva, Santander
209	2020/12/05	12:49:52	8,564	-73,243	115,0	1,4	Teorama, Norte de Santander
210	2020/12/05	14:29:50	6,762	-73,141	134,0	2,0	Los Santos, Santander
211	2020/12/05	15:23:01	3,328	-74,705	23,0	1,5	Colombia, Huila
212	2020/12/05	15:24:04	6,811	-73,166	147,0	1,9	Los Santos, Santander
213	2020/12/05	16:07:53	6,72	-73,158	131,0	1,7	Villanueva, Santander
214	2020/12/05	16:33:00	2,215	-75,534	27,0	2,2	Garzón, Huila
215	2020/12/05	17:08:28	6,741	-73,081	139,0	1,7	Los Santos, Santander
216	2020/12/05	18:09:38	6,762	-73,12	144,0	1,8	Los Santos, Santander
217	2020/12/05	18:17:54	1,765	-76,112	36,0	1,1	Palestina, Huila
218	2020/12/05	19:32:09	6,766	-73,15	135,0	1,9	Los Santos, Santander
219	2020/12/05	20:12:22	3,153	-78,008	0,0	1,9	Océano Pacífico
220	2020/12/05	20:13:44	6,821	-73,184	133,0	2,0	Zapatoca, Santander
221	2020/12/05	20:24:04	5,576	-73,86	127,0	2,2	Caldas, Boyacá
222	2020/12/05	21:25:21	2,892	-74,86	0,0	1,3	San Vicente del Caguán, Caquetá
223	2020/12/05	22:23:01	6,905	-72,182	5,0	1,5	Cubará, Boyacá
224	2020/12/05	22:31:42	0,434	-76,238	12,0	2,7	Puerto Asís, Putumayo
225	2020/12/05	23:08:47	6,792	-72,985	152,0	2,0	Aratoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
226	2020/12/05	23:10:22	10,723	-72,395	113,0	2,2	Venezuela
227	2020/12/06	00:08:45	5,971	-75,817	23,0	0,9	Venecia, Antioquia
228	2020/12/06	00:13:30	2,72	-75,034	24,0	2,3	San Vicente del Caguán, Caquetá
229	2020/12/06	00:45:46	4,062	-75,124	20,0	1,4	San Luis, Tolima
230	2020/12/06	01:14:21	5,402	-74,381	29,0	1,2	La Palma, Cundinamarca
231	2020/12/06	01:16:13	6,384	-73,492	124,0	1,5	Santa Helena del Opón, Santander
232	2020/12/06	01:59:00	3,938	-76,116	108,0	1,4	San Pedro, Valle del Cauca
233	2020/12/06	02:07:13	7,379	-74,723	53,0	2,1	Zaragoza, Antioquia
234	2020/12/06	02:36:45	6,76	-76,388	0,0	1,0	Frontino, Antioquia
235	2020/12/06	03:33:06	6,802	-73,103	20,0	1,1	Los Santos, Santander
236	2020/12/06	03:35:37	6,282	-76,231	81,0	1,4	Urrao, Antioquia
237	2020/12/06	03:36:58	6,928	-76,245	0,0	1,1	Dabeiba, Antioquia
238	2020/12/06	04:29:26	3,47	-74,203	8,0	1,6	Mesetas, Meta
239	2020/12/06	04:34:14	4,858	-73,014	41,0	2,0	Sabanalarga, Casanare
240	2020/12/06	04:35:08	7,309	-74,736	51,0	1,7	Zaragoza, Antioquia
241	2020/12/06	04:54:47	6,779	-73,171	139,0	1,7	Los Santos, Santander
242	2020/12/06	05:02:26	6,766	-73,15	136,0	1,8	Los Santos, Santander
243	2020/12/06	05:23:59	6,758	-73,099	141,0	1,9	Los Santos, Santander
244	2020/12/06	05:25:41	6,757	-73,16	136,0	2,2	Los Santos, Santander
245	2020/12/06	05:29:37	4,622	-75,526	152,0	1,5	Salento, Quindío
246	2020/12/06	05:58:28	6,428	-74,856	15,0	1,0	San Roque, Antioquia
247	2020/12/06	06:05:35	6,936	-76,273	0,0	1,1	Dabeiba, Antioquia
248	2020/12/06	06:10:05	6,566	-73,584	118,0	1,4	El Carmen, Santander
249	2020/12/06	06:12:01	3,431	-74,19	4,0	1,1	Mesetas, Meta
250	2020/12/06	06:17:29	7,021	-76,626	26,0	1,3	Carmen del Darién (Curbaradó), Chocó
251	2020/12/06	06:26:06	6,797	-73,127	133,0	1,9	Los Santos, Santander
252	2020/12/06	07:07:19	6,739	-73,182	138,0	1,7	Villanueva, Santander
253	2020/12/06	07:20:45	6,754	-73,184	137,0	1,8	Villanueva, Santander
254	2020/12/06	07:38:03	6,766	-73,197	138,0	1,8	Los Santos, Santander
255	2020/12/06	07:46:45	6,732	-73,116	136,0	1,7	Los Santos, Santander
256	2020/12/06	07:50:41	7,41	-73,75	9,0	1,1	Puerto Wilches, Santander
257	2020/12/06	08:01:51	6,756	-73,148	138,0	1,7	Los Santos, Santander
258	2020/12/06	08:14:43	6,758	-73,146	138,0	1,9	Los Santos, Santander
259	2020/12/06	08:24:33	6,79	-73,179	150,0	1,5	Los Santos, Santander
260	2020/12/06	08:49:08	6,707	-73,103	135,0	1,8	Jordán, Santander
261	2020/12/06	09:17:21	8,134	-73,09	149,0	2,2	Ábrego, Norte de Santander
262	2020/12/06	09:22:21	5,331	-73,713	140,0	1,7	Lenguazaque, Cundinamarca
263	2020/12/06	09:36:34	3,459	-74,196	4,0	0,9	Mesetas, Meta
264	2020/12/06	09:45:51	8,61	-73,2	127,0	2,2	Teorama, Norte de Santander
265	2020/12/06	10:06:21	7,219	-76,257	10,0	1,4	Ituango, Antioquia
266	2020/12/06	10:53:39	6,778	-73,149	141,0	3,0	Los Santos, Santander
267	2020/12/06	11:22:33	6,809	-73,036	150,0	1,8	Los Santos, Santander
268	2020/12/06	11:56:33	6,758	-73,141	140,0	2,0	Los Santos, Santander
269	2020/12/06	14:15:26	6,802	-73,214	149,0	1,6	Zapatoca, Santander
270	2020/12/06	14:17:53	6,798	-73,184	147,0	1,7	Los Santos, Santander
271	2020/12/06	15:25:20	6,766	-73,201	136,0	1,9	Villanueva, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
272	2020/12/06	15:35:29	6,768	-73,328	154,0	1,9	Zapatoca, Santander
273	2020/12/06	16:14:01	3,89	-71,558	0,0	2,2	Puerto Gaitán, Meta
274	2020/12/06	16:27:04	6,988	-77,121	8,0	2,2	Carmen del Darién (Curbaradó), Chocó
275	2020/12/06	16:32:03	5,75	-73,906	103,0	1,4	Albania, Santander
276	2020/12/06	17:52:57	5,27	-73,743	152,0	1,7	Cucunubá, Cundinamarca
277	2020/12/06	18:22:46	4,736	-74,731	20,0	1,0	Pulí, Cundinamarca
278	2020/12/06	18:59:39	0,8	-77,94	4,0	2,1	Área de Influencia Volcán Chile, Cerro Negro
279	2020/12/06	21:25:49	6,76	-73,152	144,0	1,8	Los Santos, Santander
280	2020/12/06	21:29:55	6,776	-73,125	142,0	2,5	Los Santos, Santander
281	2020/12/06	21:41:12	6,72	-73,167	135,0	1,7	Villanueva, Santander
282	2020/12/06	21:58:23	6,87	-73,297	126,0	1,8	Betulia, Santander
283	2020/12/06	22:58:06	6,746	-73,162	139,0	2,0	Los Santos, Santander
284	2020/12/06	23:29:54	6,755	-73,117	141,0	2,4	Los Santos, Santander
285	2020/12/06	23:47:49	6,778	-73,145	143,0	2,1	Los Santos, Santander
286	2020/12/07	00:20:52	6,789	-73,192	148,0	1,5	Los Santos, Santander
287	2020/12/07	00:21:56	6,745	-73,141	139,0	1,8	Los Santos, Santander
288	2020/12/07	00:45:36	6,78	-73,142	150,0	1,6	Los Santos, Santander
289	2020/12/07	00:57:47	6,765	-73,127	134,0	2,0	Los Santos, Santander
290	2020/12/07	01:02:41	6,786	-73,11	143,0	2,3	Los Santos, Santander
291	2020/12/07	01:11:14	6,818	-73,153	139,0	2,4	Los Santos, Santander
292	2020/12/07	02:24:21	7,436	-78,104	14,0	2,4	Panama
293	2020/12/07	02:34:34	6,745	-73,107	137,0	1,6	Los Santos, Santander
294	2020/12/07	03:22:43	6,803	-73,204	136,0	1,6	Zapatoca, Santander
295	2020/12/07	03:53:28	5,925	-73,8	115,0	1,3	Sucre, Santander
296	2020/12/07	04:01:55	6,579	-75,253	19,0	1,2	Santa Rosa de Osos, Antioquia
297	2020/12/07	04:13:31	5,792	-73,149	14,0	1,3	Paipa, Boyacá
298	2020/12/07	04:16:03	8,242	-73,79	4,0	1,3	Morales, Bolívar
299	2020/12/07	04:26:09	5,457	-73,799	132,0	1,5	Susa, Cundinamarca
300	2020/12/07	04:32:39	6,723	-73,199	145,0	1,5	Villanueva, Santander
301	2020/12/07	05:16:23	6,779	-73,188	130,0	1,5	Los Santos, Santander
302	2020/12/07	05:48:05	6,745	-73,223	139,0	1,8	Zapatoca, Santander
303	2020/12/07	05:58:06	6,771	-73,214	131,0	1,6	Zapatoca, Santander
304	2020/12/07	06:00:43	6,702	-73,181	137,0	2,2	Villanueva, Santander
305	2020/12/07	06:09:14	5,031	-76,386	74,0	1,7	San José del Palmar, Chocó
306	2020/12/07	06:17:45	6,87	-73,131	150,0	1,5	Los Santos, Santander
307	2020/12/07	06:23:15	6,737	-73,184	137,0	1,9	Villanueva, Santander
308	2020/12/07	06:28:05	3,409	-74,256	16,0	1,7	Mesetas, Meta
309	2020/12/07	06:36:33	6,821	-73,231	127,0	1,6	Zapatoca, Santander
310	2020/12/07	06:37:02	6,915	-76,254	0,0	1,2	Dabeiba, Antioquia
311	2020/12/07	06:49:21	6,868	-73,189	138,0	1,6	Zapatoca, Santander
312	2020/12/07	06:58:42	6,756	-73,216	135,0	1,7	Zapatoca, Santander
313	2020/12/07	07:27:52	4,633	-74,788	28,0	1,6	Beltrán, Cundinamarca
314	2020/12/07	07:43:24	6,758	-73,193	137,0	2,0	Villanueva, Santander
315	2020/12/07	07:57:14	9,922	-74,905	62,0	1,4	San Juan Nepomuceno, Bolívar
316	2020/12/07	08:56:27	6,691	-73,409	131,0	1,4	El Carmen, Santander
317	2020/12/07	08:58:04	6,048	-73,69	116,0	2,3	Chipatá, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
318	2020/12/07	09:22:43	7,012	-72,25	16,0	1,5	Toledo, Norte de Santander
319	2020/12/07	09:53:21	6,699	-73,184	133,0	1,9	Barichara, Santander
320	2020/12/07	10:05:32	6,884	-73,284	126,0	2,4	Betulia, Santander
321	2020/12/07	10:25:53	7,216	-73,355	105,0	1,3	Lebrija, Santander
322	2020/12/07	10:52:09	6,748	-73,205	131,0	2,1	Villanueva, Santander
323	2020/12/07	11:01:22	7,037	-73,56	136,0	1,5	San Vicente de Chucurí, Santander
324	2020/12/07	12:21:33	3,619	-74,418	27,0	2,7	Uribe, Meta
325	2020/12/07	12:36:47	6,639	-73,163	119,0	1,8	Villanueva, Santander
326	2020/12/07	13:39:43	6,025	-73,743	103,0	1,4	Bolívar, Santander
327	2020/12/07	14:18:55	8,358	-73,236	121,0	2,0	San Calixto, Norte de Santander
328	2020/12/07	15:13:57	6,806	-73,208	140,0	1,6	Zapatoca, Santander
329	2020/12/07	16:12:43	6,773	-73,242	139,0	2,0	Zapatoca, Santander
330	2020/12/07	16:28:52	5,181	-73,683	153,0	2,1	Chocontá, Cundinamarca
331	2020/12/07	16:33:00	4,67	-76,338	112,0	2,2	Sipí, Chocó
332	2020/12/07	17:10:09	6,754	-73,171	134,0	2,1	Los Santos, Santander
333	2020/12/07	17:10:50	6,782	-73,174	144,0	1,7	Los Santos, Santander
334	2020/12/07	17:29:26	5,069	-75,126	40,0	0,9	Casabianca, Tolima
335	2020/12/07	18:26:29	7,551	-77,268	21,0	1,8	Riosucio, Chocó
336	2020/12/07	19:06:14	9,91	-74,792	52,0	2,2	Tenerife, Magdalena
337	2020/12/07	19:20:37	6,737	-73,171	133,0	2,1	Villanueva, Santander
338	2020/12/07	19:42:56	6,8	-73,144	145,0	2,0	Los Santos, Santander
339	2020/12/07	19:46:46	7,629	-75,344	16,0	1,8	Cáceres, Antioquia
340	2020/12/07	20:04:13	6,021	-73,835	106,0	1,5	El Peñón, Santander
341	2020/12/07	20:13:03	6,67	-73,169	164,0	1,7	Villanueva, Santander
342	2020/12/07	20:21:40	5,831	-73,714	118,0	1,6	Puente Nacional, Santander
343	2020/12/07	21:15:51	6,775	-73,159	137,0	2,6	Los Santos, Santander
344	2020/12/07	21:16:26	3,453	-74,192	9,0	1,3	Mesetas, Meta
345	2020/12/07	21:28:37	3,487	-74,224	11,0	1,5	Mesetas, Meta
346	2020/12/07	21:52:09	6,82	-73,19	143,0	2,0	Zapatoca, Santander
347	2020/12/07	22:40:37	6,832	-73,1	151,0	3,7	Los Santos, Santander
348	2020/12/07	23:04:59	7,566	-74,856	43,0	1,4	Zaragoza, Antioquia
349	2020/12/07	23:22:25	7,342	-74,159	5,0	1,2	San Pablo, Bolívar
350	2020/12/07	23:27:31	2,003	-75,118	20,0	1,2	Puerto Rico, Caquetá
351	2020/12/07	23:32:41	6,724	-73,184	134,0	1,8	Villanueva, Santander
352	2020/12/08	00:02:53	6,548	-71,984	0,0	1,9	Tame, Arauca
353	2020/12/08	00:28:18	3,484	-74,504	4,0	1,5	Uribe, Meta
354	2020/12/08	00:44:27	2,441	-75,494	15,0	1,6	Gigante, Huila
355	2020/12/08	01:31:40	6,855	-73,189	142,0	2,4	Zapatoca, Santander
356	2020/12/08	02:32:59	6,695	-73,162	133,0	1,8	Villanueva, Santander
357	2020/12/08	03:12:31	5,307	-73,742	137,0	2,3	Lenguazaque, Cundinamarca
358	2020/12/08	03:21:58	4,852	-77,66	29,0	4,9	Océano Pacífico
359	2020/12/08	03:32:48	4,859	-77,612	30,0	2,7	Océano Pacífico
360	2020/12/08	03:37:20	2,449	-75,577	26,0	1,5	Tesalia, Huila
361	2020/12/08	03:47:57	4,823	-77,579	29,0	1,7	Océano Pacífico
362	2020/12/08	03:55:29	5,569	-76,521	33,0	1,1	Atrato (Yuto), Chocó
363	2020/12/08	04:08:46	6,654	-73,1	143,0	1,9	Curití, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
364	2020/12/08	04:34:56	2,916	-78,074	0,0	2,6	Océano Pacífico
365	2020/12/08	04:45:25	6,741	-73,167	135,0	1,7	Los Santos, Santander
366	2020/12/08	05:12:49	4,845	-74,902	59,0	1,2	Lérida, Tolima
367	2020/12/08	05:17:07	6,766	-73,159	135,0	1,8	Los Santos, Santander
368	2020/12/08	05:20:21	4,871	-77,558	30,0	1,7	Océano Pacífico
369	2020/12/08	05:22:08	6,779	-73,18	126,0	1,6	Los Santos, Santander
370	2020/12/08	05:34:40	6,765	-73,164	136,0	2,2	Los Santos, Santander
371	2020/12/08	05:43:18	3,837	-76,159	103,0	1,2	Buga, Valle del Cauca
372	2020/12/08	05:55:29	5,286	-73,723	135,0	2,1	Lenguazaque, Cundinamarca
373	2020/12/08	06:16:09	6,756	-73,165	132,0	1,9	Los Santos, Santander
374	2020/12/08	06:19:14	5,684	-74,977	16,0	0,8	Samaná, Caldas
375	2020/12/08	06:43:25	6,382	-73,137	191,0	2,7	Ocamonte, Santander
376	2020/12/08	07:02:32	6,832	-73,191	144,0	1,6	Zapatoca, Santander
377	2020/12/08	07:11:27	6,758	-73,201	128,0	2,0	Villanueva, Santander
378	2020/12/08	07:19:22	6,771	-73,154	134,0	1,7	Los Santos, Santander
379	2020/12/08	07:42:53	6,818	-73,199	142,0	1,6	Zapatoca, Santander
380	2020/12/08	08:27:45	10,873	-74,009	27,0	1,5	Ciénaga, Magdalena
381	2020/12/08	08:29:37	2,463	-75,474	33,0	3,4	Gigante, Huila
382	2020/12/08	08:43:27	1,977	-75,961	27,0	1,1	Timaná, Huila
383	2020/12/08	08:50:14	6,629	-76,049	24,0	1,2	Abriaquí, Antioquia
384	2020/12/08	08:56:45	4,95	-76,215	99,0	1,7	San José del Palmar, Chocó
385	2020/12/08	08:57:59	8,699	-73,213	126,0	2,1	Teorama, Norte de Santander
386	2020/12/08	09:01:15	3,773	-76,103	135,0	1,5	Ginebra, Valle del Cauca
387	2020/12/08	09:12:01	6,748	-73,153	134,0	2,1	Los Santos, Santander
388	2020/12/08	09:20:58	1,939	-77,074	21,0	0,5	Bolívar, Cauca
389	2020/12/08	09:22:42	6,741	-73,116	139,0	1,9	Los Santos, Santander
390	2020/12/08	09:27:24	3,939	-76,318	119,0	1,1	Buga, Valle del Cauca
391	2020/12/08	09:33:35	7,518	-73,996	64,0	1,5	San Pablo, Bolívar
392	2020/12/08	09:36:36	2,631	-76,198	13,0	1,0	Páez (Belalcázar), Cauca
393	2020/12/08	09:38:06	2,621	-76,222	17,0	0,8	Inzá, Cauca
394	2020/12/08	09:44:31	10,856	-72,072	100,0	1,8	Venezuela
395	2020/12/08	09:46:18	6,284	-73,688	107,0	2,0	La Paz, Santander
396	2020/12/08	09:55:06	2,631	-76,201	13,0	1,2	Páez (Belalcázar), Cauca
397	2020/12/08	10:04:51	6,826	-76,244	0,0	1,0	Frontino, Antioquia
398	2020/12/08	10:12:52	6,412	-73,542	124,0	1,3	Santa Helena del Opón, Santander
399	2020/12/08	10:26:13	3,487	-74,207	7,0	1,6	Mesetas, Meta
400	2020/12/08	10:28:24	6,727	-73,149	137,0	2,4	Villanueva, Santander
401	2020/12/08	10:47:18	4,45	-75,613	23,0	0,8	Calarcá, Quindío
402	2020/12/08	10:50:40	6,789	-73,174	143,0	1,7	Los Santos, Santander
403	2020/12/08	11:08:23	6,783	-73,146	140,0	1,9	Los Santos, Santander
404	2020/12/08	11:20:20	6,837	-73,235	145,0	1,7	Zapatoca, Santander
405	2020/12/08	11:53:29	6,706	-73,166	135,0	2,5	Villanueva, Santander
406	2020/12/08	13:03:08	1,27	-77,329	7,0	3,4	Área de Influencia Volcan Galeras
407	2020/12/08	13:14:29	5,788	-73,865	110,0	1,4	Florián, Santander
408	2020/12/08	13:32:24	2,64	-76,218	0,0	1,0	Páez (Belalcázar), Cauca
409	2020/12/08	13:52:28	5,934	-73,772	109,0	1,9	Sucre, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
410	2020/12/08	13:55:50	7,427	-73,466	114,0	1,4	Sabana de Torres, Santander
411	2020/12/08	13:58:35	6,83	-73,146	150,0	1,6	Los Santos, Santander
412	2020/12/08	14:09:40	6,707	-73,18	141,0	1,9	Barichara, Santander
413	2020/12/08	14:55:33	6,778	-73,177	143,0	2,1	Los Santos, Santander
414	2020/12/08	15:31:23	3,44	-74,237	20,0	1,9	Mesetas, Meta
415	2020/12/08	15:48:44	6,771	-73,236	128,0	1,8	Zapatoca, Santander
416	2020/12/08	16:09:28	9,303	-73,391	129,0	1,7	Curumaní, Cesar
417	2020/12/08	16:12:38	11,465	-72,165	69,0	1,8	Maicao, la Guajira
418	2020/12/08	16:23:05	6,555	-73,618	112,0	1,2	El Carmen, Santander
419	2020/12/08	16:52:03	5,724	-74,372	78,0	1,0	Yacopí, Cundinamarca
420	2020/12/08	16:57:19	5,386	-74,978	25,0	0,8	Samaná, Caldas
421	2020/12/08	17:34:30	9,72	-73,305	8,0	1,7	Becerrill, Cesar
422	2020/12/08	17:43:56	6,801	-73,213	140,0	2,9	Zapatoca, Santander
423	2020/12/08	17:57:02	4,066	-76,582	76,0	1,7	El Litoral del San Juan (Docordó), Chocó
424	2020/12/08	18:13:11	3,728	-76,896	26,0	1,3	Buenaventura, Valle del Cauca
425	2020/12/08	18:22:19	6,342	-73,638	115,0	1,3	Santa Helena del Opón, Santander
426	2020/12/08	18:25:12	2,596	-75,67	6,0	1,2	Tesalia, Huila
427	2020/12/08	18:41:46	8,56	-77,242	53,0	2,0	Mar Caribe
428	2020/12/08	18:54:14	6,775	-73,171	133,0	2,0	Los Santos, Santander
429	2020/12/08	19:15:35	5,988	-74,221	15,0	1,4	Bolívar, Santander
430	2020/12/08	19:48:34	7,084	-76,131	0,0	1,2	Dabeiba, Antioquia
431	2020/12/08	19:53:25	6,283	-73,675	113,0	1,5	La Paz, Santander
432	2020/12/08	20:01:37	7,79	-73,386	108,0	1,7	San Alberto, Cesar
433	2020/12/08	20:22:34	6,707	-73,218	130,0	1,3	Barichara, Santander
434	2020/12/08	20:26:40	6,772	-73,176	144,0	1,6	Los Santos, Santander
435	2020/12/08	20:44:58	6,715	-73,18	140,0	1,9	Villanueva, Santander
436	2020/12/08	21:14:21	6,741	-73,176	140,0	1,9	Villanueva, Santander
437	2020/12/08	21:17:59	6,694	-73,146	129,0	1,7	Villanueva, Santander
438	2020/12/08	22:49:22	6,837	-73,131	128,0	1,5	Los Santos, Santander
439	2020/12/08	23:36:06	3,451	-74,192	8,0	1,2	Mesetas, Meta
440	2020/12/08	23:52:32	5,461	-72,676	16,0	1,9	Pajarito, Boyacá
441	2020/12/09	00:17:54	3,39	-74,246	0,0	1,1	Mesetas, Meta
442	2020/12/09	00:45:27	6,782	-73,168	139,0	2,5	Los Santos, Santander
443	2020/12/09	02:06:40	7,045	-73,527	111,0	1,4	San Vicente de Chucurí, Santander
444	2020/12/09	02:16:47	6,762	-73,163	129,0	1,6	Los Santos, Santander
445	2020/12/09	02:32:20	6,733	-73,19	136,0	1,9	Villanueva, Santander
446	2020/12/09	02:42:47	11,011	-73,624	23,0	1,4	Dibulla, la Guajira
447	2020/12/09	02:46:26	6,732	-73,137	134,0	1,6	Los Santos, Santander
448	2020/12/09	02:50:35	6,737	-73,133	137,0	1,8	Los Santos, Santander
449	2020/12/09	03:04:38	6,762	-73,133	132,0	1,7	Los Santos, Santander
450	2020/12/09	03:18:58	6,741	-73,124	139,0	1,7	Los Santos, Santander
451	2020/12/09	03:26:15	6,804	-73,184	130,0	1,4	Los Santos, Santander
452	2020/12/09	03:42:59	4,555	-75,09	19,0	1,3	Ibagué, Tolima
453	2020/12/09	04:07:45	6,83	-73,173	139,0	1,4	Los Santos, Santander
454	2020/12/09	04:29:19	10,618	-73,548	6,0	1,5	Pueblo Bello, Cesar
455	2020/12/09	04:37:52	3,551	-74,285	0,0	1,5	Uribe, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
456	2020/12/09	05:07:46	5,403	-73,752	125,0	1,7	Fúquene, Cundinamarca
457	2020/12/09	05:11:53	4,818	-77,558	27,0	2,2	Océano Pacífico
458	2020/12/09	05:19:55	5,294	-73,738	142,0	2,5	Lenguazaque, Cundinamarca
459	2020/12/09	05:43:46	5,806	-75,925	52,0	1,3	Hispania, Antioquia
460	2020/12/09	05:46:30	4,601	-75,036	31,0	0,7	Alvarado, Tolima
461	2020/12/09	05:55:46	6,754	-73,188	135,0	1,7	Villanueva, Santander
462	2020/12/09	06:00:00	6,792	-73,134	147,0	1,5	Los Santos, Santander
463	2020/12/09	06:02:18	6,791	-73,154	147,0	1,6	Los Santos, Santander
464	2020/12/09	06:04:04	6,828	-73,131	147,0	1,7	Los Santos, Santander
465	2020/12/09	06:11:45	4,804	-75,721	121,0	1,2	Pereira, Risaralda
466	2020/12/09	06:20:02	6,766	-73,197	132,0	1,8	Los Santos, Santander
467	2020/12/09	06:34:49	6,822	-73,254	132,0	1,6	Zapatoca, Santander
468	2020/12/09	06:40:04	4,143	-76,647	37,0	1,6	El Litoral del San Juan (Docordó), Chocó
469	2020/12/09	06:43:09	4,452	-75,518	39,0	0,8	Cajamarca, Tolima
470	2020/12/09	07:11:46	6,875	-75,218	47,0	1,5	Guadalupe, Antioquia
471	2020/12/09	07:47:11	6,805	-73,124	150,0	1,7	Los Santos, Santander
472	2020/12/09	08:14:50	6,801	-73,16	148,0	3,1	Los Santos, Santander
473	2020/12/09	08:28:30	7,6	-73,182	139,0	1,4	El Playón, Santander
474	2020/12/09	08:39:15	4,73	-76,067	83,0	1,1	Ansermanuevo, Valle del Cauca
475	2020/12/09	08:52:24	6,382	-73,572	113,0	1,4	Santa Helena del Opón, Santander
476	2020/12/09	09:10:17	6,747	-73,165	138,0	1,7	Los Santos, Santander
477	2020/12/09	09:18:03	4,163	-75,88	19,0	0,8	Sevilla, Valle del Cauca
478	2020/12/09	09:26:31	6,878	-73,297	124,0	1,6	Betulia, Santander
479	2020/12/09	09:48:59	6,781	-73,122	141,0	1,9	Los Santos, Santander
480	2020/12/09	10:01:21	6,595	-73,586	113,0	1,2	El Carmen, Santander
481	2020/12/09	10:03:43	6,754	-73,188	137,0	1,6	Villanueva, Santander
482	2020/12/09	10:03:52	2,436	-77,217	96,0	1,6	Argelia, Cauca
483	2020/12/09	10:12:00	6,752	-73,148	133,0	1,6	Los Santos, Santander
484	2020/12/09	10:24:34	7,24	-73,408	108,0	2,0	Sabana de Torres, Santander
485	2020/12/09	10:43:43	6,749	-73,171	134,0	1,8	Los Santos, Santander
486	2020/12/09	10:58:00	6,756	-73,172	143,0	1,6	Los Santos, Santander
487	2020/12/09	11:42:08	6,741	-73,154	134,0	1,9	Los Santos, Santander
488	2020/12/09	12:04:10	6,8	-73,23	139,0	1,5	Zapatoca, Santander
489	2020/12/09	12:15:21	6,737	-73,141	142,0	2,2	Los Santos, Santander
490	2020/12/09	12:47:12	11,439	-72,722	19,0	1,6	Riohacha, la Guajira
491	2020/12/09	13:03:25	3,869	-71,602	6,0	2,2	Puerto Gaitán, Meta
492	2020/12/09	13:07:29	8,312	-73,27	121,0	2,0	Ocaña, Norte de Santander
493	2020/12/09	13:07:57	6,779	-73,163	133,0	2,0	Los Santos, Santander
494	2020/12/09	14:01:35	6,855	-73,281	121,0	1,5	Zapatoca, Santander
495	2020/12/09	15:26:35	6,79	-73,153	131,0	1,7	Los Santos, Santander
496	2020/12/09	16:29:05	2,468	-75,426	32,0	1,2	Hobo, Huila
497	2020/12/09	16:32:52	3,273	-76,422	46,0	1,8	Puerto Tejada, Cauca
498	2020/12/09	17:18:11	4,969	-77,604	30,0	1,9	Océano Pacífico
499	2020/12/09	17:24:58	6,706	-73,142	133,0	2,2	Jordán, Santander
500	2020/12/09	17:36:51	6,74	-73,202	134,0	2,3	Villanueva, Santander
501	2020/12/09	17:43:44	5,731	-72,994	14,0	1,3	Tibasosa, Boyacá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
502	2020/12/09	18:13:58	9,672	-77,365	15,0	1,9	Cerca de la Costa de Colombia
503	2020/12/09	19:00:47	3,453	-74,23	14,0	1,6	Mesetas, Meta
504	2020/12/09	19:05:59	7,905	-73,746	102,0	1,6	Puerto Wilches, Santander
505	2020/12/09	19:05:59	6,83	-73,306	142,0	1,6	Zapatoca, Santander
506	2020/12/09	19:47:00	7,097	-72,381	0,0	1,6	Chitagá, Norte de Santander
507	2020/12/09	19:54:16	2,981	-76,585	42,0	1,5	Santander de Quilichao, Cauca
508	2020/12/09	19:58:31	4,809	-76,172	111,0	1,7	El Cairo, Valle del Cauca
509	2020/12/09	20:44:55	5,389	-73,785	121,0	2,1	Fúquene, Cundinamarca
510	2020/12/09	21:35:22	6,715	-73,141	127,0	1,8	Jordán, Santander
511	2020/12/09	22:26:34	2,691	-74,547	27,0	2,6	Uribe, Meta
512	2020/12/09	22:26:48	6,668	-73,187	16,0	1,1	Villanueva, Santander
513	2020/12/09	22:32:03	6,686	-73,099	136,0	1,9	Curití, Santander
514	2020/12/09	22:34:59	7,167	-76,625	26,0	2,0	Carmen del Darién (Curbaradó), Chocó
515	2020/12/09	22:37:59	6,787	-73,214	133,0	1,8	Zapatoca, Santander
516	2020/12/09	23:03:06	6,198	-74,242	18,0	1,4	Cimitarra, Santander
517	2020/12/09	23:35:56	5,341	-76,339	48,0	1,3	Tadó, Chocó
518	2020/12/09	23:38:14	3,856	-76,288	117,0	1,4	Buga, Valle del Cauca
519	2020/12/10	00:07:53	6,939	-75,103	46,0	1,7	Amalfi, Antioquia
520	2020/12/10	00:19:13	6,794	-73,174	140,0	1,4	Los Santos, Santander
521	2020/12/10	00:57:26	6,768	-73,161	130,0	1,6	Los Santos, Santander
522	2020/12/10	01:04:20	6,648	-73,129	134,0	1,8	Villanueva, Santander
523	2020/12/10	01:58:03	6,811	-73,181	148,0	1,5	Los Santos, Santander
524	2020/12/10	02:07:09	6,766	-73,206	133,0	1,7	Villanueva, Santander
525	2020/12/10	02:29:55	6,715	-73,176	130,0	1,8	Villanueva, Santander
526	2020/12/10	02:35:24	6,693	-73,136	130,0	2,3	Jordán, Santander
527	2020/12/10	02:42:59	7,728	-73,332	125,0	1,5	La Esperanza, Norte de Santander
528	2020/12/10	03:12:46	3,7	-75,554	19,0	1,4	Chaparral, Tolima
529	2020/12/10	03:39:29	6,828	-76,296	0,0	1,0	Dabeiba, Antioquia
530	2020/12/10	04:56:39	6,81	-73,194	144,0	1,5	Zapatoca, Santander
531	2020/12/10	05:01:06	6,829	-73,15	146,0	1,5	Los Santos, Santander
532	2020/12/10	05:27:42	6,8	-73,146	142,0	2,6	Los Santos, Santander
533	2020/12/10	05:39:41	4,071	-76,18	96,0	2,7	Tuluá, Valle del Cauca
534	2020/12/10	06:09:36	3,38	-74,709	16,0	1,0	Colombia, Huila
535	2020/12/10	06:24:02	6,639	-73,659	99,0	1,3	El Carmen, Santander
536	2020/12/10	06:40:24	6,684	-73,243	137,0	1,7	Barichara, Santander
537	2020/12/10	07:02:13	5,276	-75,763	14,0	1,1	Guática, Risaralda
538	2020/12/10	07:05:01	7,84	-73,094	139,0	1,9	Ábrego, Norte de Santander
539	2020/12/10	07:20:23	6,815	-73,164	143,0	1,7	Los Santos, Santander
540	2020/12/10	07:26:56	4,462	-76,207	19,0	1,6	Roldanillo, Valle del Cauca
541	2020/12/10	07:28:50	4,447	-76,224	23,0	1,6	Roldanillo, Valle del Cauca
542	2020/12/10	07:37:01	6,03	-72,679	12,0	1,3	Socha, Boyacá
543	2020/12/10	07:44:19	5,611	-74,346	80,0	1,3	Yacopí, Cundinamarca
544	2020/12/10	07:52:09	3,469	-74,185	14,0	1,4	Mesetas, Meta
545	2020/12/10	07:56:30	6,723	-73,142	137,0	2,1	Jordán, Santander
546	2020/12/10	08:12:31	5,416	-73,808	137,0	1,6	Susa, Cundinamarca
547	2020/12/10	08:37:23	7,243	-73,441	114,0	1,5	Sabana de Torres, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
548	2020/12/10	08:57:42	6,475	-73,146	148,0	1,7	Páramo, Santander
549	2020/12/10	09:05:19	4,595	-76,517	105,0	1,5	Sipí, Chocó
550	2020/12/10	09:21:26	5,588	-74,324	81,0	1,4	Yacopí, Cundinamarca
551	2020/12/10	09:25:12	6,736	-73,202	136,0	2,6	Villanueva, Santander
552	2020/12/10	10:13:45	5,092	-78,158	25,0	2,2	Océano Pacífico
553	2020/12/10	10:17:35	4,999	-78,194	30,0	1,9	Océano Pacífico
554	2020/12/10	10:29:47	6,764	-73,142	145,0	1,6	Los Santos, Santander
555	2020/12/10	10:32:05	4,912	-76,406	80,0	1,8	San José del Palmar, Chocó
556	2020/12/10	10:32:46	3,427	-74,72	43,0	3,1	Colombia, Huila
557	2020/12/10	11:04:11	6,787	-73,168	146,0	1,8	Los Santos, Santander
558	2020/12/10	11:15:46	6,904	-76,177	0,0	1,1	Uramita, Antioquia
559	2020/12/10	12:14:54	6,791	-73,166	137,0	2,6	Los Santos, Santander
560	2020/12/10	12:35:03	6,808	-73,183	146,0	2,0	Los Santos, Santander
561	2020/12/10	13:03:24	0,299	-77,312	17,0	2,3	Colombia-Ecuador
562	2020/12/10	14:25:13	6,741	-74,046	39,0	1,2	Puerto Parra, Santander
563	2020/12/10	14:47:26	7,083	-77,083	40,0	2,5	Carmen del Darién (Curbaradó), Chocó
564	2020/12/10	15:25:33	6,715	-73,158	133,0	1,8	Villanueva, Santander
565	2020/12/10	15:44:30	7,326	-77,233	25,0	2,0	Riosucio, Chocó
566	2020/12/10	15:46:28	8,299	-73,2	135,0	1,9	La Playa, Norte de Santander
567	2020/12/10	16:27:39	2,142	-75,727	0,0	1,1	Altamira, Huila
568	2020/12/10	17:26:13	9,574	-73,367	0,0	2,1	La Jagua de Ibirico, Cesar
569	2020/12/10	17:33:27	5,646	-74,187	93,0	1,5	Otanche, Boyacá
570	2020/12/10	17:34:42	0,81	-77,93	4,0	2,1	Área de Influencia Volcán Chile, Cerro Negro
571	2020/12/10	17:41:48	6,758	-73,116	130,0	1,7	Los Santos, Santander
572	2020/12/10	18:25:52	6,788	-73,166	149,0	1,6	Los Santos, Santander
573	2020/12/10	18:28:20	6,857	-74,446	8,0	1,4	Remedios, Antioquia
574	2020/12/10	18:37:06	6,728	-73,184	138,0	1,8	Villanueva, Santander
575	2020/12/10	18:44:41	6,737	-73,129	138,0	2,2	Los Santos, Santander
576	2020/12/10	19:00:01	6,794	-73,255	130,0	1,5	Zapatoca, Santander
577	2020/12/10	19:23:09	6,757	-73,19	136,0	2,5	Villanueva, Santander
578	2020/12/10	20:27:07	6,753	-73,205	136,0	2,4	Villanueva, Santander
579	2020/12/10	20:43:57	7,092	-76,342	21,0	1,5	Dabeiba, Antioquia
580	2020/12/10	21:33:37	6,677	-73,27	131,0	1,9	Galán, Santander
581	2020/12/10	21:47:13	7,289	-73,418	100,0	1,9	Sabana de Torres, Santander
582	2020/12/10	22:38:59	2,38	-75,459	16,0	1,4	Gigante, Huila
583	2020/12/10	22:45:05	7,723	-74,717	58,0	1,3	El Bagre, Antioquia
584	2020/12/10	23:21:44	6,509	-76,607	26,0	1,9	Vigia del Fuerte, Antioquia
585	2020/12/10	23:35:09	5,581	-76,397	1,0	1,3	Lloró, Chocó
586	2020/12/10	23:44:39	6,796	-73,086	132,0	1,8	Los Santos, Santander
587	2020/12/10	23:58:38	6,776	-73,147	141,0	2,6	Los Santos, Santander
588	2020/12/10	23:59:12	5,455	-75,868	30,0	2,4	Mistrató, Risaralda
589	2020/12/11	00:11:38	6,673	-73,184	130,0	2,0	Villanueva, Santander
590	2020/12/11	00:38:54	6,779	-73,084	150,0	1,7	Los Santos, Santander
591	2020/12/11	00:45:59	7,026	-76,202	18,0	1,4	Dabeiba, Antioquia
592	2020/12/11	02:18:59	6,754	-73,12	134,0	1,8	Los Santos, Santander
593	2020/12/11	02:23:25	6,69	-73,176	134,0	1,9	Villanueva, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
594	2020/12/11	02:29:06	6,749	-73,167	134,0	1,7	Los Santos, Santander
595	2020/12/11	03:12:35	0,804333	-77,9325	4,0	2,4	Área de influencia Complejo volcánico Chiles, Cerro Negro
596	2020/12/11	03:22:24	6,724	-73,103	136,0	1,9	Jordán, Santander
597	2020/12/11	03:27:38	6,783	-73,174	140,0	1,7	Los Santos, Santander
598	2020/12/11	03:56:12	5,343	-75,97	34,0	1,4	Pueblo Rico, Risaralda
599	2020/12/11	04:01:06	6,5	-73,158	145,0	1,9	Pinchote, Santander
600	2020/12/11	04:21:49	6,74	-73,142	135,0	2,3	Los Santos, Santander
601	2020/12/11	04:23:21	6,839	-73,156	138,0	1,8	Los Santos, Santander
602	2020/12/11	04:51:45	6,828	-73,184	149,0	1,7	Zapatoca, Santander
603	2020/12/11	05:00:18	6,782	-73,185	144,0	1,8	Los Santos, Santander
604	2020/12/11	05:09:29	3,798	-75,801	16,0	1,4	Chaparral, Tolima
605	2020/12/11	05:23:04	6,754	-73,18	136,0	1,8	Villanueva, Santander
606	2020/12/11	06:10:11	6,758	-73,159	135,0	1,9	Los Santos, Santander
607	2020/12/11	06:23:10	5,629	-76,559	24,0	1,6	Atrato (Yuto), Chocó
608	2020/12/11	06:26:06	6,771	-73,171	133,0	1,8	Los Santos, Santander
609	2020/12/11	06:31:35	6,779	-73,15	137,0	1,8	Los Santos, Santander
610	2020/12/11	07:01:02	4,562	-75,01	27,0	0,8	Alvarado, Tolima
611	2020/12/11	07:12:41	1,05	-77,93	7,0	2,0	Área de Influencia Volcán Chiles, Cerro Negro
612	2020/12/11	07:18:31	6,749	-73,167	139,0	1,9	Los Santos, Santander
613	2020/12/11	07:58:32	6,749	-73,18	138,0	2,0	Villanueva, Santander
614	2020/12/11	08:05:13	6,787	-73,18	145,0	1,8	Los Santos, Santander
615	2020/12/11	08:16:44	6,765	-73,157	137,0	2,1	Los Santos, Santander
616	2020/12/11	08:26:18	6,756	-73,591	105,0	2,0	El Carmen, Santander
617	2020/12/11	08:58:36	6,762	-73,176	134,0	1,9	Los Santos, Santander
618	2020/12/11	09:04:52	6,952	-76,322	0,0	1,1	Dabeiba, Antioquia
619	2020/12/11	09:07:17	4,772	-76,134	103,0	1,5	Ansermanuevo, Valle del Cauca
620	2020/12/11	10:01:34	1,939	-75,944	19,0	1,3	Timaná, Huila
621	2020/12/11	10:02:09	6,983	-76,228	12,0	1,2	Dabeiba, Antioquia
622	2020/12/11	10:08:01	6,814	-73,182	141,0	2,0	Los Santos, Santander
623	2020/12/11	10:53:28	7,054	-73,429	121,0	1,4	Betulia, Santander
624	2020/12/11	11:03:37	6,744	-73,153	132,0	2,2	Los Santos, Santander
625	2020/12/11	11:21:45	5,229	-76,12	78,0	1,7	Pueblo Rico, Risaralda
626	2020/12/11	11:38:40	2,523	-75,445	30,0	1,4	Hobo, Huila
627	2020/12/11	12:34:50	6,745	-73,154	141,0	2,7	Los Santos, Santander
628	2020/12/11	13:04:13	2,869	-72,647	7,0	2,1	Mapiripán, Meta
629	2020/12/11	13:11:32	5,176	-77,803	30,0	2,2	Océano Pacífico
630	2020/12/11	14:37:05	3,99	-75,964	43,0	1,4	Tuluá, Valle del Cauca
631	2020/12/11	14:39:33	8,018	-72,962	48,0	1,9	Bucarasica, Norte de Santander
632	2020/12/11	15:22:42	5,097	-78,106	18,0	1,7	Océano Pacífico
633	2020/12/11	16:10:39	9,693	-73,321	116,0	1,8	Becerrill, Cesar
634	2020/12/11	17:25:32	9,554	-73,368	0,0	1,9	La Jagua de Ibirico, Cesar
635	2020/12/11	17:36:42	0,81	-77,93	4,0	2,8	Área de Influencia Volcán Chiles, Cerro Negro
636	2020/12/11	17:43:33	3,281	-76,903	35,0	2,7	Buenaventura, Valle del Cauca
637	2020/12/11	18:47:52	9,957	-73,021	31,0	2,0	Agustín Codazzi, Cesar
638	2020/12/11	18:59:25	3,911	-76,259	110,0	1,5	Buga, Valle del Cauca
639	2020/12/11	19:39:57	2,778	-79,45	0,0	2,1	Océano Pacífico

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
640	2020/12/11	20:07:01	8,236	-73,272	146,0	3,5	Ocaña, Norte de Santander
641	2020/12/11	20:24:18	5,127	-77,411	23,0	1,8	Océano Pacífico
642	2020/12/11	20:30:53	2,113	-75,693	37,0	1,6	Garzón, Huila
643	2020/12/11	21:34:57	8,76	-77,259	20,0	2,1	Mar Caribe
644	2020/12/11	21:38:46	6,861	-73,746	106,0	1,6	San Vicente de Chucurí, Santander
645	2020/12/11	21:59:58	6,788	-73,198	147,0	3,7	Los Santos, Santander
646	2020/12/11	22:05:46	4,21	-75,477	8,0	0,9	Rovira, Tolima
647	2020/12/11	22:24:22	5,272	-73,773	132,0	1,9	Cucunubá, Cundinamarca
648	2020/12/11	22:37:14	3,81	-75,678	3,0	1,1	Chaparral, Tolima
649	2020/12/11	22:53:17	6,826	-73,236	144,0	3,2	Zapatoca, Santander
650	2020/12/11	23:28:19	6,784	-73,215	143,0	2,7	Zapatoca, Santander
651	2020/12/12	00:58:52	5,353	-77,579	20,0	1,9	Océano Pacífico
652	2020/12/12	01:07:28	7,868	-72,971	184,0	4,4	Villa Caro, Norte de Santander
653	2020/12/12	01:17:27	6,782	-73,164	140,0	2,4	Los Santos, Santander
654	2020/12/12	01:33:27	5,289	-73,709	136,0	1,8	Lenguazaque, Cundinamarca
655	2020/12/12	01:36:15	3,429	-74,215	16,0	1,3	Mesetas, Meta
656	2020/12/12	01:41:54	6,786	-73,065	143,0	1,7	Los Santos, Santander
657	2020/12/12	01:58:21	6,707	-73,18	133,0	1,8	Barichara, Santander
658	2020/12/12	02:03:30	6,796	-73,154	138,0	2,1	Los Santos, Santander
659	2020/12/12	02:17:05	8,876	-73,362	126,0	1,6	El Carmen, Norte de Santander
660	2020/12/12	02:24:10	5,837	-77,913	16,0	4,8	Océano Pacífico
661	2020/12/12	03:01:17	5,228	-77,642	20,0	2,2	Océano Pacífico
662	2020/12/12	03:02:58	6,803	-73,151	142,0	2,5	Los Santos, Santander
663	2020/12/12	03:55:55	6,69	-73,176	135,0	1,8	Villanueva, Santander
664	2020/12/12	04:20:02	5,119	-72,712	0,0	1,6	Aguazul, Casanare
665	2020/12/12	04:32:37	2,867	-74,861	28,0	2,1	San Vicente del Caguán, Caquetá
666	2020/12/12	04:49:57	6,819	-73,142	140,0	1,7	Los Santos, Santander
667	2020/12/12	04:53:25	6,824	-73,115	146,0	1,7	Los Santos, Santander
668	2020/12/12	05:10:49	3,985	-76,34	116,0	1,5	Yotoco, Valle del Cauca
669	2020/12/12	05:41:28	5,467	-74,004	119,0	1,7	Buenavista, Boyacá
670	2020/12/12	06:12:23	4,906	-75,516	0,0	0,6	Santa Rosa de Cabal, Risaralda
671	2020/12/12	06:17:48	7,43	-73,212	131,0	1,9	Rionegro, Santander
672	2020/12/12	06:31:39	7,118	-74,447	36,0	1,3	Remedios, Antioquia
673	2020/12/12	06:41:16	6,792	-73,171	138,0	1,8	Los Santos, Santander
674	2020/12/12	06:55:54	7,473	-74,873	40,0	1,3	Zaragoza, Antioquia
675	2020/12/12	07:13:03	4,1	-76,628	64,0	1,9	El Litoral del San Juan (Docordó), Chocó
676	2020/12/12	07:13:43	7,123	-73,902	89,0	1,4	Barrancabermeja, Santander
677	2020/12/12	07:33:15	5,062	-73,008	5,0	1,4	Páez, Boyacá
678	2020/12/12	07:40:54	5,302	-73,696	135,0	1,8	Lenguazaque, Cundinamarca
679	2020/12/12	07:51:42	6,775	-73,19	144,0	1,7	Los Santos, Santander
680	2020/12/12	08:12:32	10,84	-73,466	63,0	1,7	Valledupar, Cesar
681	2020/12/12	08:30:50	3,338	-74,43	11,0	1,1	Uribe, Meta
682	2020/12/12	08:55:24	6,773	-73,174	144,0	1,9	Los Santos, Santander
683	2020/12/12	08:57:45	10,952	-73,756	22,0	1,6	Santa Marta, Magdalena
684	2020/12/12	09:38:56	6,77	-73,197	139,0	1,8	Los Santos, Santander
685	2020/12/12	09:47:40	7,681	-73,756	83,0	1,4	Sabana de Torres, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
686	2020/12/12	09:51:51	7,028	-76,243	9,0	1,4	Dabeiba, Antioquia
687	2020/12/12	10:35:15	6,758	-73,184	130,0	1,8	Los Santos, Santander
688	2020/12/12	10:45:10	5,255	-73,76	140,0	2,1	Cucunubá, Cundinamarca
689	2020/12/12	10:46:13	3,275	-79,23	10,0	2,7	Océano Pacífico
690	2020/12/12	11:00:27	6,628	-73,403	122,0	2,6	Hato, Santander
691	2020/12/12	12:23:45	3,518	-74,209	13,0	2,6	Mesetas, Meta
692	2020/12/12	12:29:20	6,814	-73,16	145,0	2,0	Los Santos, Santander
693	2020/12/12	12:43:50	3,431	-74,699	21,0	1,5	Colombia, Huila
694	2020/12/12	13:14:21	4,415	-76,218	114,0	1,7	Roldanillo, Valle del Cauca
695	2020/12/12	13:30:26	6,754	-73,141	143,0	2,2	Los Santos, Santander
696	2020/12/12	13:47:47	6,728	-73,146	139,0	2,2	Jordán, Santander
697	2020/12/12	14:26:11	6,55	-73,176	163,0	1,7	San Gil, Santander
698	2020/12/12	14:37:09	2,509	-75,283	24,0	1,2	Algeciras, Huila
699	2020/12/12	14:48:15	6,78	-73,095	150,0	1,8	Los Santos, Santander
700	2020/12/12	15:02:34	2,373	-75,619	33,0	1,3	Gigante, Huila
701	2020/12/12	15:22:10	6,709	-73,013	148,0	1,6	Aratocha, Santander
702	2020/12/12	16:39:42	5,48	-76,445	36,0	1,8	Cértegui, Chocó
703	2020/12/12	16:55:44	9,231	-77,736	10,0	2,1	Cerca de la Costa de Colombia
704	2020/12/12	17:02:12	6,808	-73,14	145,0	2,7	Los Santos, Santander
705	2020/12/12	17:41:25	6,766	-73,206	141,0	2,0	Villanueva, Santander
706	2020/12/12	17:53:33	2,413	-75,6	23,0	1,0	Gigante, Huila
707	2020/12/12	18:22:49	6,691	-73,206	137,0	1,8	Barichara, Santander
708	2020/12/12	18:27:08	1,696	-76,569	22,0	1,7	Santa Rosa, Cauca
709	2020/12/12	19:53:51	5,245	-74,517	31,0	1,3	Caparrapí, Cundinamarca
710	2020/12/12	20:06:52	6,508	-74,5	0,0	0,6	Puerto Berrío, Antioquia
711	2020/12/12	20:35:03	7,088	-77,156	14,0	2,1	Carmen del Darién (Curbaradó), Chocó
712	2020/12/12	20:36:18	3,478	-74,279	10,0	1,7	Mesetas, Meta
713	2020/12/12	20:38:58	3,434	-74,305	14,0	1,4	Uribe, Meta
714	2020/12/12	21:09:39	2,782	-76,676	7,0	1,2	Morales, Cauca
715	2020/12/12	21:50:20	2,97	-74,79	25,0	1,3	Uribe, Meta
716	2020/12/12	22:49:24	6,774	-73,145	140,0	2,3	Los Santos, Santander
717	2020/12/12	23:05:54	6,745	-73,146	141,0	2,0	Los Santos, Santander
718	2020/12/12	23:22:32	6,818	-73,09	154,0	1,8	Los Santos, Santander
719	2020/12/12	23:43:46	6,738	-73,104	134,0	2,0	Los Santos, Santander
720	2020/12/13	01:08:43	6,739	-73,139	131,0	1,8	Los Santos, Santander
721	2020/12/13	01:36:30	6,715	-73,163	134,0	1,8	Villanueva, Santander
722	2020/12/13	01:40:11	4,882	-77,657	31,0	2,2	Océano Pacífico
723	2020/12/13	02:39:06	2,698	-75,314	8,0	1,1	Campoalegre, Huila
724	2020/12/13	02:46:10	6,757	-73,149	136,0	2,2	Los Santos, Santander
725	2020/12/13	02:50:24	3,833	-76,112	113,0	1,3	Buga, Valle del Cauca
726	2020/12/13	02:54:51	3,447	-74,227	13,0	1,3	Mesetas, Meta
727	2020/12/13	02:56:11	7,175	-76,179	0,0	1,7	Ituango, Antioquia
728	2020/12/13	02:58:53	4,75	-75,641	14,0	0,6	Pereira, Risaralda
729	2020/12/13	03:19:25	6,867	-73,338	127,0	1,5	Zapatoca, Santander
730	2020/12/13	03:24:00	10,488	-74,095	54,0	1,4	Aracataca, Magdalena
731	2020/12/13	03:47:05	6,76	-73,186	142,0	1,8	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
732	2020/12/13	03:58:25	7,115	-76,342	9,0	1,0	Dabeiba, Antioquia
733	2020/12/13	04:03:01	6,742	-73,162	142,0	2,1	Los Santos, Santander
734	2020/12/13	04:27:38	6,65	-72,006	0,0	1,6	Fortul, Arauca
735	2020/12/13	04:45:48	3,88	-78,423	6,0	1,9	Océano Pacífico
736	2020/12/13	05:21:17	6,823	-73,178	141,0	1,8	Los Santos, Santander
737	2020/12/13	05:25:05	5,172	-76,492	102,0	1,4	Rio Iró (Santa Rita), Chocó
738	2020/12/13	05:27:13	3,793	-76,993	24,0	1,4	Buenaventura, Valle del Cauca
739	2020/12/13	05:32:15	6,745	-73,154	137,0	1,7	Los Santos, Santander
740	2020/12/13	05:37:55	6,749	-73,167	138,0	1,9	Los Santos, Santander
741	2020/12/13	05:43:13	4,828	-77,58	30,0	1,9	Océano Pacífico
742	2020/12/13	05:54:36	6,143	-73,755	100,0	1,6	Bolívar, Santander
743	2020/12/13	06:02:58	6,813	-73,206	139,0	1,6	Zapatoca, Santander
744	2020/12/13	06:04:20	7,054	-73,345	119,0	1,4	Girón, Santander
745	2020/12/13	06:32:06	6,783	-73,201	130,0	1,6	Zapatoca, Santander
746	2020/12/13	06:41:34	7,672	-77,503	3,0	2,2	Panama-Colombia
747	2020/12/13	07:05:52	6,766	-73,214	136,0	1,7	Zapatoca, Santander
748	2020/12/13	07:12:18	10,042	-74,619	26,0	1,7	Chivolo, Magdalena
749	2020/12/13	07:29:25	8,347	-74,194	14,0	1,2	Rioviejo, Bolívar
750	2020/12/13	07:31:36	6,806	-73,182	146,0	1,7	Los Santos, Santander
751	2020/12/13	08:02:29	1,748	-79,278	23,0	2,2	Océano Pacífico
752	2020/12/13	08:04:57	6,775	-73,172	141,0	1,7	Los Santos, Santander
753	2020/12/13	08:24:48	3,444	-74,222	16,0	1,4	Mesetas, Meta
754	2020/12/13	08:39:57	2,097	-75,686	28,0	2,0	Garzón, Huila
755	2020/12/13	08:45:55	5,289	-73,799	134,0	1,6	Ubaté, Cundinamarca
756	2020/12/13	09:02:12	4,634	-75,081	16,0	0,6	Anzoátegui, Tolima
757	2020/12/13	09:28:14	6,78	-73,151	142,0	1,8	Los Santos, Santander
758	2020/12/13	09:31:55	6,728	-73,159	140,0	2,3	Villanueva, Santander
759	2020/12/13	09:34:14	6,833	-73,205	145,0	1,7	Zapatoca, Santander
760	2020/12/13	09:36:18	6,908	-73,205	146,0	1,7	Zapatoca, Santander
761	2020/12/13	09:42:36	6,768	-73,161	130,0	2,2	Los Santos, Santander
762	2020/12/13	09:43:27	6,749	-73,15	141,0	2,1	Los Santos, Santander
763	2020/12/13	09:50:24	6,847	-73,15	146,0	1,7	Los Santos, Santander
764	2020/12/13	09:50:57	7,127	-76,196	15,0	1,4	Dabeiba, Antioquia
765	2020/12/13	09:53:43	6,791	-73,153	139,0	2,3	Los Santos, Santander
766	2020/12/13	10:09:20	6,572	-73,504	114,0	1,8	El Carmen, Santander
767	2020/12/13	10:23:58	6,825	-73,161	136,0	1,8	Los Santos, Santander
768	2020/12/13	11:07:10	6,157	-73,505	115,0	1,9	Aguada, Santander
769	2020/12/13	11:09:06	5,078	-74,903	26,0	1,0	Falan, Tolima
770	2020/12/13	11:31:13	6,495	-76,688	15,0	1,5	Vigia del Fuerte, Antioquia
771	2020/12/13	11:36:05	4,581	-75,036	21,0	0,7	Alvarado, Tolima
772	2020/12/13	12:19:55	6,749	-73,201	139,0	2,3	Villanueva, Santander
773	2020/12/13	13:07:22	5,601	-76,839	29,0	1,7	Rio Quito (Paimadó), Chocó
774	2020/12/13	13:52:52	3,876	-73,552	3,0	1,4	Acacias, Meta
775	2020/12/13	14:09:16	3,79	-76,499	104,0	1,5	Restrepo, Valle del Cauca
776	2020/12/13	14:15:08	2,504	-75,519	34,0	1,4	Gigante, Huila
777	2020/12/13	14:31:17	6,826	-73,264	133,0	1,6	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
778	2020/12/13	15:08:12	6,397	-73,621	106,0	1,6	Santa Helena del Opón, Santander
779	2020/12/13	15:14:38	6,766	-73,171	142,0	2,2	Los Santos, Santander
780	2020/12/13	15:19:34	6,796	-73,184	146,0	1,9	Los Santos, Santander
781	2020/12/13	16:08:31	7,873	-73,26	139,0	1,8	Ábrego, Norte de Santander
782	2020/12/13	16:31:00	3,798	-75,82	28,0	1,1	Chaparral, Tolima
783	2020/12/13	16:50:59	2,263	-75,651	26,0	2,7	Agrado, Huila
784	2020/12/13	16:56:01	4,583	-74,979	22,0	0,6	Alvarado, Tolima
785	2020/12/13	17:15:00	6,685	-73,227	150,0	1,8	Barichara, Santander
786	2020/12/13	17:17:14	6,762	-73,214	130,0	1,8	Zapatoca, Santander
787	2020/12/13	17:56:17	11,097	-72,773	2,0	1,8	Hato Nuevo, la Guajira
788	2020/12/13	18:10:45	3,392	-76,365	60,0	1,2	Candelaria, Valle del Cauca
789	2020/12/13	18:15:23	4,772	-76,133	95,0	2,7	Ansermanuevo, Valle del Cauca
790	2020/12/13	19:23:37	6,811	-73,173	144,0	2,1	Los Santos, Santander
791	2020/12/13	19:42:13	6,722	-73,204	126,0	1,7	Barichara, Santander
792	2020/12/13	20:20:38	2,346	-76,042	19,0	1,4	La Plata, Huila
793	2020/12/13	20:56:36	6,194	-73,684	101,0	1,4	La Paz, Santander
794	2020/12/13	21:20:10	6,713	-73,173	135,0	2,0	Villanueva, Santander
795	2020/12/13	21:31:53	6,711	-73,188	123,0	1,7	Barichara, Santander
796	2020/12/13	21:46:22	2,309	-76,043	16,0	1,0	La Plata, Huila
797	2020/12/13	22:01:33	6,783	-73,176	136,0	1,7	Los Santos, Santander
798	2020/12/13	22:11:08	5,326	-74,987	28,0	0,7	Marquetalia, Caldas
799	2020/12/13	22:29:09	10,194	-73,684	92,0	1,7	Valledupar, Cesar
800	2020/12/13	22:40:51	5,894	-76,194	55,0	1,1	El Carmen, Chocó
801	2020/12/13	22:48:05	4,583	-74,873	21,0	1,2	Piedras, Tolima
802	2020/12/13	22:56:30	2,75	-75,004	31,0	1,4	San Vicente del Caguán, Caquetá
803	2020/12/13	23:01:55	3,462	-74,195	1,0	1,4	Mesetas, Meta
804	2020/12/13	23:26:06	3,49	-74,214	9,0	1,1	Mesetas, Meta
805	2020/12/14	00:00:49	6,329	-73,618	111,0	1,7	Santa Helena del Opón, Santander
806	2020/12/14	00:46:21	10,316	-72,839	19,0	2,3	Venezuela
807	2020/12/14	00:55:08	6,783	-73,141	137,0	1,9	Los Santos, Santander
808	2020/12/14	01:00:31	6,817	-73,134	156,0	1,8	Los Santos, Santander
809	2020/12/14	01:18:09	3,353	-74,486	36,0	0,8	Uribe, Meta
810	2020/12/14	02:28:29	10,318	-72,851	14,0	1,7	Venezuela
811	2020/12/14	02:30:06	7,836	-73,624	93,0	1,6	San Martín, Cesar
812	2020/12/14	03:14:25	7,004	-76,233	12,0	1,0	Dabeiba, Antioquia
813	2020/12/14	03:17:55	6,732	-74,516	17,0	1,1	Remedios, Antioquia
814	2020/12/14	03:20:29	6,934	-76,232	0,0	0,9	Uramita, Antioquia
815	2020/12/14	03:30:39	3,465	-74,188	9,0	1,2	Mesetas, Meta
816	2020/12/14	03:47:02	3,842	-77,123	6,0	1,8	Cerca de la Costa Oeste de Colombia
817	2020/12/14	04:06:23	6,811	-73,183	140,0	1,7	Los Santos, Santander
818	2020/12/14	04:13:52	6,96	-76,289	11,0	1,4	Dabeiba, Antioquia
819	2020/12/14	04:21:28	6,8	-73,189	143,0	2,5	Los Santos, Santander
820	2020/12/14	04:40:19	6,783	-73,171	135,0	1,7	Los Santos, Santander
821	2020/12/14	04:43:12	6,789	-73,149	145,0	1,7	Los Santos, Santander
822	2020/12/14	04:48:38	8,103	-73,576	91,0	1,6	Rio de Oro, Cesar
823	2020/12/14	04:59:15	8,083	-74,234	22,0	1,4	Santa Rosa del Sur, Bolívar

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
824	2020/12/14	05:20:32	7,547	-74,164	60,0	1,2	San Pablo, Bolívar
825	2020/12/14	05:22:16	2,246	-75,28	16,0	2,0	Puerto Rico, Caquetá
826	2020/12/14	05:23:39	6,766	-73,167	142,0	1,9	Los Santos, Santander
827	2020/12/14	05:43:16	7,172	-73,078	29,0	1,4	Bucaramanga, Santander
828	2020/12/14	05:49:24	3,475	-76,272	42,0	1,1	Pradera, Valle del Cauca
829	2020/12/14	05:56:03	8,485	-73,381	117,0	2,3	Convención, Norte de Santander
830	2020/12/14	05:56:39	2,983	-78,434	23,0	2,9	Océano Pacífico
831	2020/12/14	05:57:01	6,799	-76,393	5,0	2,2	Frontino, Antioquia
832	2020/12/14	06:09:39	6,453	-73,677	101,0	1,3	Vélez, Santander
833	2020/12/14	06:34:36	8,691	-77,594	38,0	1,9	Panama-Colombia
834	2020/12/14	07:21:39	6,927	-76,547	13,0	1,4	Dabeiba, Antioquia
835	2020/12/14	07:30:15	8,352	-73,43	107,0	1,8	Rio de Oro, Cesar
836	2020/12/14	07:59:32	9,885	-73,432	93,0	2,0	Agustín Codazzi, Cesar
837	2020/12/14	08:16:34	5,049	-73,271	0,0	1,7	Garagoa, Boyacá
838	2020/12/14	08:25:09	6,77	-73,169	146,0	1,8	Los Santos, Santander
839	2020/12/14	08:36:59	6,787	-73,133	135,0	1,9	Los Santos, Santander
840	2020/12/14	09:24:17	6,342	-73,465	128,0	1,7	Contratación, Santander
841	2020/12/14	09:27:54	6,833	-73,152	145,0	2,1	Los Santos, Santander
842	2020/12/14	09:32:39	3,302	-74,435	19,0	1,4	Uribe, Meta
843	2020/12/14	09:32:52	2,369	-75,537	22,0	0,9	Gigante, Huila
844	2020/12/14	09:34:54	6,132	-73,487	128,0	1,8	San Benito, Santander
845	2020/12/14	09:42:09	5,556	-74,265	106,0	1,4	Yacopí, Cundinamarca
846	2020/12/14	09:47:16	6,78	-76,395	0,0	1,4	Frontino, Antioquia
847	2020/12/14	09:51:35	6,805	-73,165	148,0	1,7	Los Santos, Santander
848	2020/12/14	09:56:37	5,942	-75,997	65,0	1,3	Salgar, Antioquia
849	2020/12/14	09:57:28	6,83	-73,102	142,0	1,7	Los Santos, Santander
850	2020/12/14	10:33:31	6,823	-73,14	141,0	2,0	Los Santos, Santander
851	2020/12/14	10:43:52	7,785	-73,54	103,0	1,6	San Alberto, Cesar
852	2020/12/14	11:04:34	4,398	-77,743	62,0	2,0	Océano Pacífico
853	2020/12/14	11:09:14	6,86	-73,194	141,0	1,8	Zapatoca, Santander
854	2020/12/14	11:15:04	6,772	-73,135	147,0	1,9	Los Santos, Santander
855	2020/12/14	11:21:21	6,409	-72,014	0,0	2,3	Tame, Arauca
856	2020/12/14	12:36:24	6,832	-73,178	148,0	1,7	Zapatoca, Santander
857	2020/12/14	12:39:35	6,911	-76,311	23,0	1,8	Dabeiba, Antioquia
858	2020/12/14	13:03:03	6,8	-73,161	148,0	1,9	Los Santos, Santander
859	2020/12/14	13:26:47	1,986	-75,95	24,0	1,0	Timaná, Huila
860	2020/12/14	13:42:07	6,736	-73,18	148,0	1,8	Villanueva, Santander
861	2020/12/14	13:46:28	6,773	-73,251	140,0	1,8	Zapatoca, Santander
862	2020/12/14	14:52:51	5,574	-74,128	107,0	1,5	Muzo, Boyacá
863	2020/12/14	15:11:34	3,869	-76,328	113,0	1,5	Buga, Valle del Cauca
864	2020/12/14	15:17:54	3,368	-74,371	41,0	1,7	Uribe, Meta
865	2020/12/14	15:38:28	6,831	-73,089	146,0	2,8	Los Santos, Santander
866	2020/12/14	16:01:26	4,59	-76,652	0,0	1,8	Sipí, Chocó
867	2020/12/14	16:08:35	3,312	-77,301	80,0	3,1	Buenaventura, Valle del Cauca
868	2020/12/14	16:47:18	4,46	-76,206	111,0	1,4	Roldanillo, Valle del Cauca
869	2020/12/14	17:25:02	2,446	-75,401	26,0	1,1	Algeciras, Huila

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
870	2020/12/14	17:48:57	6,674	-73,162	148,0	1,9	Villanueva, Santander
871	2020/12/14	18:19:08	3,213	-76,796	16,0	1,9	López, Cauca
872	2020/12/14	18:35:18	6,798	-73,118	139,0	1,7	Los Santos, Santander
873	2020/12/14	18:37:14	6,829	-73,159	150,0	1,8	Los Santos, Santander
874	2020/12/14	18:43:27	5,276	-73,745	147,0	1,9	Cucunubá, Cundinamarca
875	2020/12/14	18:54:22	6,898	-76,221	0,0	1,6	Uramita, Antioquia
876	2020/12/14	19:04:09	6,788	-73,196	143,0	2,9	Los Santos, Santander
877	2020/12/14	20:38:05	6,824	-73,172	143,0	2,7	Los Santos, Santander
878	2020/12/14	20:56:32	6,862	-73,14	134,0	1,8	Los Santos, Santander
879	2020/12/14	21:10:38	6,783	-73,154	139,0	2,2	Los Santos, Santander
880	2020/12/14	21:20:07	6,855	-73,102	142,0	1,9	Los Santos, Santander
881	2020/12/14	21:28:34	6,825	-73,393	147,0	1,6	San Vicente de Chucurí, Santander
882	2020/12/14	21:29:18	6,902	-73,317	120,0	2,7	Betulia, Santander
883	2020/12/14	21:44:44	4,832	-77,574	29,0	1,9	Océano Pacífico
884	2020/12/14	22:10:36	6,868	-73,347	125,0	1,9	San Vicente de Chucurí, Santander
885	2020/12/14	22:51:54	6,729	-73,168	146,0	1,9	Villanueva, Santander
886	2020/12/14	23:08:20	5,256	-73,713	152,0	2,3	Lenguazaque, Cundinamarca
887	2020/12/14	23:22:20	3,466	-78,874	23,0	3,4	Océano Pacífico
888	2020/12/15	00:18:58	7,122	-76,047	0,0	1,6	Dabeiba, Antioquia
889	2020/12/15	00:20:49	10,17	-73,255	100,0	1,5	San Diego, Cesar
890	2020/12/15	00:25:12	6,772	-73,069	137,0	2,1	Los Santos, Santander
891	2020/12/15	01:18:58	6,852	-73,17	148,0	1,7	Zapatoca, Santander
892	2020/12/15	02:35:45	5,574	-76,418	36,0	1,3	Lloró, Chocó
893	2020/12/15	02:37:06	2,256	-75,645	32,0	2,3	Garzón, Huila
894	2020/12/15	02:41:09	2,858	-74,818	10,0	1,6	San Vicente del Caguán, Caquetá
895	2020/12/15	03:16:05	6,829	-73,077	147,0	2,0	Los Santos, Santander
896	2020/12/15	03:50:25	6,804	-73,127	147,0	2,4	Los Santos, Santander
897	2020/12/15	03:52:56	6,792	-73,185	139,0	1,8	Los Santos, Santander
898	2020/12/15	04:17:10	9,094	-73,89	81,0	1,5	El Banco, Magdalena
899	2020/12/15	04:40:22	6,766	-73,133	141,0	2,0	Los Santos, Santander
900	2020/12/15	04:40:49	4,481	-74,998	24,0	1,5	Alvarado, Tolima
901	2020/12/15	04:41:40	2,137	-75,625	25,0	1,6	Garzón, Huila
902	2020/12/15	04:50:31	5,83	-72,533	16,0	1,4	Socotá, Boyacá
903	2020/12/15	06:02:14	6,784	-73,228	136,0	1,6	Zapatoca, Santander
904	2020/12/15	07:02:02	5,847	-73,713	117,0	1,9	Puente Nacional, Santander
905	2020/12/15	07:11:10	5,98	-73,745	106,0	1,9	Guavatá, Santander
906	2020/12/15	07:24:36	6,703	-73,214	126,0	1,7	Barichara, Santander
907	2020/12/15	07:35:06	6,827	-73,123	133,0	1,7	Los Santos, Santander
908	2020/12/15	07:51:05	6,818	-73,196	142,0	2,5	Zapatoca, Santander
909	2020/12/15	08:14:29	3,08	-75,927	8,0	1,3	Planadas, Tolima
910	2020/12/15	08:55:24	6,754	-73,176	142,0	1,7	Los Santos, Santander
911	2020/12/15	09:07:56	5,841	-75,956	82,0	1,2	Ciudad Bolívar, Antioquia
912	2020/12/15	09:36:01	7,086	-76,422	25,0	1,5	Dabeiba, Antioquia
913	2020/12/15	10:50:54	6,804	-73,137	132,0	1,9	Los Santos, Santander
914	2020/12/15	11:20:29	6,838	-73,202	150,0	1,7	Zapatoca, Santander
915	2020/12/15	11:31:48	6,795	-73,119	152,0	3,4	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
916	2020/12/15	11:44:05	6,83	-73,159	141,0	1,5	Los Santos, Santander
917	2020/12/15	12:04:16	5,134	-74,794	6,0	1,8	Honda, Tolima
918	2020/12/15	12:59:18	10,498	-73,41	92,0	1,7	Valledupar, Cesar
919	2020/12/15	13:01:06	7,041	-73,064	152,0	1,8	Floridablanca, Santander
920	2020/12/15	13:12:27	10,131	-73,526	92,0	1,6	Valledupar, Cesar
921	2020/12/15	14:15:31	6,859	-76,809	9,0	2,1	Murindó, Antioquia
922	2020/12/15	14:31:54	5,497	-76,359	12,0	1,2	Lloró, Chocó
923	2020/12/15	14:38:08	6,817	-73,126	148,0	1,8	Los Santos, Santander
924	2020/12/15	14:41:53	6,924	-73,29	121,0	1,8	Betulia, Santander
925	2020/12/15	14:59:31	6,852	-73,099	144,0	1,7	Los Santos, Santander
926	2020/12/15	15:01:37	8,792	-77,794	12,0	1,8	Panama-Colombia
927	2020/12/15	15:16:11	6,722	-73,182	137,0	2,0	Villanueva, Santander
928	2020/12/15	16:02:35	6,901	-73,17	150,0	2,3	Girón, Santander
929	2020/12/15	16:53:41	5,687	-75,496	0,0	0,5	Abejorral, Antioquia
930	2020/12/15	17:18:11	6,758	-72,126	51,0	1,6	Cubará, Boyacá
931	2020/12/15	17:38:08	10,008	-73,09	116,0	2,0	Agustín Codazzi, Cesar
932	2020/12/15	17:39:54	6,794	-73,213	143,0	1,6	Zapatoca, Santander
933	2020/12/15	18:24:00	6,817	-73,18	144,0	1,7	Los Santos, Santander
934	2020/12/15	18:37:38	4,62	-76,208	114,0	1,5	Versalles, Valle del Cauca
935	2020/12/15	19:10:22	6,773	-76,658	18,0	1,7	Murindó, Antioquia
936	2020/12/15	19:59:20	5,895	-73,73	120,0	1,6	Puente Nacional, Santander
937	2020/12/15	20:03:05	6,779	-73,15	133,0	2,0	Los Santos, Santander
938	2020/12/15	20:39:04	6,966	-73,078	132,0	1,6	Piedecuesta, Santander
939	2020/12/15	21:13:49	5,872	-74,801	22,0	1,1	Sonsón, Antioquia
940	2020/12/15	21:45:54	6,416	-73,729	101,0	2,2	Landázuri, Santander
941	2020/12/15	22:15:59	5,306	-73,807	136,0	2,2	Ubaté, Cundinamarca
942	2020/12/15	22:47:39	6,768	-73,144	158,0	1,9	Los Santos, Santander
943	2020/12/15	23:13:53	7,998	-74,301	24,0	1,4	Montecristo, Bolívar
944	2020/12/15	23:18:05	6,996	-76,219	17,0	2,2	Dabeiba, Antioquia
945	2020/12/15	23:31:19	6,987	-76,245	17,0	2,0	Dabeiba, Antioquia
946	2020/12/15	23:41:28	7,11	-73,405	110,0	2,4	Girón, Santander
947	2020/12/15	23:55:34	4,695	-74,718	14,0	1,3	Pulí, Cundinamarca
948	2020/12/15	23:56:25	5,59	-74,877	47,0	1,3	Norcasia, Caldas
949	2020/12/16	00:12:37	6,397	-73,743	105,0	1,2	Landázuri, Santander
950	2020/12/16	00:50:35	3,635	-76,568	29,0	1,1	La Cumbre, Valle del Cauca
951	2020/12/16	00:53:13	7,172	-76,126	4,0	1,1	Ituango, Antioquia
952	2020/12/16	01:06:30	5,767	-78,237	25,0	2,3	Océano Pacífico
953	2020/12/16	01:08:32	5,144	-77,777	29,0	1,7	Océano Pacífico
954	2020/12/16	01:11:31	5,89	-73,879	112,0	1,2	Sucre, Santander
955	2020/12/16	01:31:16	6,795	-73,095	147,0	1,7	Los Santos, Santander
956	2020/12/16	01:36:43	3,455	-78,925	21,0	2,4	Océano Pacífico
957	2020/12/16	01:37:14	5,687	-73,86	114,0	1,4	Chiquinquirá, Boyacá
958	2020/12/16	01:43:10	6,846	-73,15	146,0	1,7	Los Santos, Santander
959	2020/12/16	02:04:44	6,776	-73,169	140,0	1,6	Los Santos, Santander
960	2020/12/16	02:28:59	5,762	-73,112	0,0	1,3	Paipa, Boyacá
961	2020/12/16	02:38:28	7,375	-77,08	65,0	1,9	Riosucio, Chocó

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
962	2020/12/16	02:49:25	6,867	-73,139	148,0	1,5	Los Santos, Santander
963	2020/12/16	03:25:06	1,874	-75,85	35,0	0,7	Suaza, Huila
964	2020/12/16	03:25:39	6,776	-73,051	155,0	1,5	Los Santos, Santander
965	2020/12/16	03:48:57	5,927	-73,572	130,0	1,5	Moniquirá, Boyacá
966	2020/12/16	03:53:41	5,696	-73,983	102,0	1,5	Pauna, Boyacá
967	2020/12/16	04:03:27	2,225	-75,534	26,0	1,4	Garzón, Huila
968	2020/12/16	04:56:05	7,161	-76,726	25,0	1,9	Carmen del Darién (Curbaradó), Chocó
969	2020/12/16	04:58:05	9,745	-73,47	17,0	1,1	Becerrill, Cesar
970	2020/12/16	05:28:55	3,761	-76,116	127,0	1,5	Ginebra, Valle del Cauca
971	2020/12/16	05:44:23	6,845	-73,03	144,0	1,9	Los Santos, Santander
972	2020/12/16	05:47:13	6,775	-73,184	144,0	2,1	Los Santos, Santander
973	2020/12/16	05:55:51	4,899	-76,799	36,0	1,8	Medio San Juan (Andagoya), Chocó
974	2020/12/16	06:29:15	6,914	-73,144	137,0	1,7	Girón, Santander
975	2020/12/16	06:38:19	2,329	-75,742	27,0	1,8	Agrado, Huila
976	2020/12/16	06:47:57	5,701	-75,995	55,0	1,0	Betania, Antioquia
977	2020/12/16	07:05:58	3,003	-75,986	10,0	1,8	Planadas, Tolima
978	2020/12/16	07:12:25	8,356	-74,175	22,0	1,4	Arenal, Bolívar
979	2020/12/16	07:31:47	5,783	-76,045	64,0	1,0	Ciudad Bolívar, Antioquia
980	2020/12/16	07:39:52	7,138	-76,76	27,0	2,1	Carmen del Darién (Curbaradó), Chocó
981	2020/12/16	07:45:35	4,57	-76,158	119,0	1,3	Versalles, Valle del Cauca
982	2020/12/16	08:24:41	4,993	-76,441	84,0	1,6	Nóvita, Chocó
983	2020/12/16	08:35:37	6,793	-73,12	141,0	1,9	Los Santos, Santander
984	2020/12/16	08:36:25	7,783	-76,538	30,0	1,6	Carepa, Antioquia
985	2020/12/16	09:02:41	6,598	-73,579	107,0	1,3	El Carmen, Santander
986	2020/12/16	09:09:48	5,725	-73,231	13,0	1,3	Sotaquirá, Boyacá
987	2020/12/16	09:14:07	7,724	-73,274	133,0	1,5	La Esperanza, Norte de Santander
988	2020/12/16	09:26:31	7,652	-73,393	116,0	1,6	La Esperanza, Norte de Santander
989	2020/12/16	09:30:29	1,875	-76,152	2,0	1,7	Pitalito, Huila
990	2020/12/16	09:35:49	6,855	-73,087	148,0	1,7	Los Santos, Santander
991	2020/12/16	10:02:00	10,006	-73,041	123,0	2,0	Agustín Codazzi, Cesar
992	2020/12/16	10:26:09	4,209	-76,199	143,0	2,8	Bugalagrande, Valle del Cauca
993	2020/12/16	10:37:17	2,691	-76,933	13,0	2,0	El Tambo, Cauca
994	2020/12/16	10:57:31	6,83	-73,161	148,0	2,0	Los Santos, Santander
995	2020/12/16	11:08:58	4,641	-76,243	104,0	1,7	Versalles, Valle del Cauca
996	2020/12/16	11:24:21	2,371	-75,623	24,0	1,3	Gigante, Huila
997	2020/12/16	11:26:01	11,1	-73,666	5,0	1,6	Santa Marta, Magdalena
998	2020/12/16	11:35:12	6,195	-73,767	112,0	1,1	Landázuri, Santander
999	2020/12/16	11:48:44	6,794	-73,128	151,0	3,3	Los Santos, Santander
1000	2020/12/16	12:01:19	6,933	-73,11	143,0	1,8	Girón, Santander
1001	2020/12/16	12:20:30	6,775	-73,154	138,0	2,2	Los Santos, Santander
1002	2020/12/16	12:57:08	6,864	-73,174	156,0	1,7	Zapatoca, Santander
1003	2020/12/16	13:23:07	6,763	-73,157	139,0	2,0	Los Santos, Santander
1004	2020/12/16	13:43:42	2,398	-75,635	26,0	1,5	Paicol, Huila
1005	2020/12/16	15:48:50	6,487	-73,214	148,0	2,7	Socorro, Santander
1006	2020/12/16	16:22:57	5,862	-77,808	18,0	2,3	Océano Pacífico
1007	2020/12/16	16:32:44	6,797	-73,183	147,0	3,5	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1008	2020/12/16	16:36:52	5,272	-73,73	136,0	1,8	Lenguazaque, Cundinamarca
1009	2020/12/16	17:46:47	6,771	-73,154	136,0	2,1	Los Santos, Santander
1010	2020/12/16	18:00:52	5,615	-76,521	30,0	1,8	Atrato (Yuto), Chocó
1011	2020/12/16	18:02:04	6,762	-73,188	135,0	2,3	Los Santos, Santander
1012	2020/12/16	18:24:29	1,29	-77,28	8,0	2,4	Área de Influencia Volcán Galeras
1013	2020/12/16	19:01:38	3,987	-76,583	56,0	1,7	El Litoral del San Juan (Docordó), Chocó
1014	2020/12/16	20:24:46	5,378	-72,876	13,0	2,0	Aquitania, Boyacá
1015	2020/12/16	20:55:56	6,321	-74,72	0,0	1,3	Caracolí, Antioquia
1016	2020/12/16	21:16:45	5,201	-73,682	148,0	2,1	Chocontá, Cundinamarca
1017	2020/12/16	21:21:36	3,842	-77,1	13,0	2,1	Buenaventura, Valle del Cauca
1018	2020/12/16	21:35:39	3,841	-77,028	29,0	2,6	Buenaventura, Valle del Cauca
1019	2020/12/16	21:46:15	9,7	-72,923	29,0	1,9	Venezuela
1020	2020/12/16	22:00:07	6,809	-73,148	148,0	1,9	Los Santos, Santander
1021	2020/12/16	22:34:47	5,242	-73,702	150,0	2,2	Cucunubá, Cundinamarca
1022	2020/12/16	22:49:41	6,986	-75,352	8,0	1,5	Campamento, Antioquia
1023	2020/12/16	23:10:29	6,65	-73,251	148,0	1,7	Barichara, Santander
1024	2020/12/16	23:25:19	6,859	-73,134	135,0	1,8	Los Santos, Santander
1025	2020/12/16	23:28:36	6,815	-73,149	138,0	2,0	Los Santos, Santander
1026	2020/12/16	23:32:29	6,805	-73,213	147,0	5,0	Zapatoca, Santander
1027	2020/12/16	23:57:40	6,84	-73,144	146,0	2,0	Los Santos, Santander
1028	2020/12/17	00:11:00	6,463	-73,59	108,0	1,5	Santa Helena del Opón, Santander
1029	2020/12/17	00:18:33	2,158	-75,819	4,0	1,1	Tarqui, Huila
1030	2020/12/17	00:19:49	6,819	-73,171	136,0	1,6	Los Santos, Santander
1031	2020/12/17	00:25:57	6,814	-73,266	134,0	1,6	Zapatoca, Santander
1032	2020/12/17	00:35:48	4,61	-75,018	31,0	0,6	Alvarado, Tolima
1033	2020/12/17	01:13:09	3,962	-71,624	0,0	1,9	Puerto Gaitán, Meta
1034	2020/12/17	01:14:27	3,931	-71,53	1,0	2,2	Puerto Gaitán, Meta
1035	2020/12/17	01:33:40	7,032	-74,566	4,0	1,4	Remedios, Antioquia
1036	2020/12/17	01:34:57	6,714	-73,144	147,0	1,6	Jordán, Santander
1037	2020/12/17	01:46:51	5,774	-73,955	102,0	1,7	Florián, Santander
1038	2020/12/17	01:51:20	7,019	-74,605	10,0	1,0	Remedios, Antioquia
1039	2020/12/17	02:07:08	2,096	-75,665	19,0	1,1	Garzón, Huila
1040	2020/12/17	02:25:14	5,237	-77,799	20,0	1,9	Océano Pacífico
1041	2020/12/17	03:40:48	6,797	-73,132	159,0	2,9	Los Santos, Santander
1042	2020/12/17	03:52:31	10,572	-73,484	15,0	1,4	Valledupar, Cesar
1043	2020/12/17	04:23:41	6,814	-73,142	154,0	3,0	Los Santos, Santander
1044	2020/12/17	04:29:42	10,65	-73,713	53,0	2,1	Aracataca, Magdalena
1045	2020/12/17	04:33:30	6,866	-73,089	132,0	1,9	Los Santos, Santander
1046	2020/12/17	04:35:20	6,774	-73,147	142,0	2,0	Los Santos, Santander
1047	2020/12/17	04:50:25	7,493	-74,104	18,0	1,2	San Pablo, Bolívar
1048	2020/12/17	05:29:55	5,508	-75,677	4,0	1,1	Supia, Caldas
1049	2020/12/17	06:01:11	6,84	-73,121	151,0	2,3	Los Santos, Santander
1050	2020/12/17	06:13:29	5,517	-74,71	10,0	1,2	Victoria, Caldas
1051	2020/12/17	06:24:45	6,386	-73,485	120,0	2,6	Santa Helena del Opón, Santander
1052	2020/12/17	06:39:39	6,808	-73,184	145,0	1,6	Los Santos, Santander
1053	2020/12/17	06:44:34	6,758	-73,129	134,0	1,9	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1054	2020/12/17	06:50:49	6,771	-73,159	150,0	1,8	Los Santos, Santander
1055	2020/12/17	07:51:52	6,826	-73,133	158,0	3,6	Los Santos, Santander
1056	2020/12/17	08:06:40	6,813	-73,159	139,0	2,0	Los Santos, Santander
1057	2020/12/17	08:16:05	4,666	-74,838	25,0	0,8	Venadillo, Tolima
1058	2020/12/17	08:18:24	6,745	-73,197	128,0	1,7	Villanueva, Santander
1059	2020/12/17	08:34:24	6,815	-73,122	133,0	1,8	Los Santos, Santander
1060	2020/12/17	08:54:37	6,844	-73,165	147,0	1,7	Los Santos, Santander
1061	2020/12/17	08:56:49	6,758	-73,175	147,0	1,8	Los Santos, Santander
1062	2020/12/17	09:34:12	8,792	-77,5	35,0	1,6	Panama-Colombia
1063	2020/12/17	11:32:14	7,17	-76,256	0,0	1,6	Mutatá, Antioquia
1064	2020/12/17	11:54:55	4,446	-76,588	93,0	1,3	Sipí, Chocó
1065	2020/12/17	12:39:43	8,981	-73,962	77,0	1,9	El Peñón, Bolívar
1066	2020/12/17	13:17:39	6,74	-73,06	146,0	2,0	Aratocha, Santander
1067	2020/12/17	13:38:56	5,587	-73,858	131,0	2,2	Caldas, Boyacá
1068	2020/12/17	14:11:24	6,814	-73,144	148,0	1,8	Los Santos, Santander
1069	2020/12/17	14:20:09	5,882	-72,152	81,0	2,1	Támara, Casanare
1070	2020/12/17	14:25:26	6,824	-73,148	145,0	2,1	Los Santos, Santander
1071	2020/12/17	14:35:32	6,728	-73,512	114,0	1,2	El Carmen, Santander
1072	2020/12/17	15:10:58	6,654	-73,531	125,0	1,7	El Carmen, Santander
1073	2020/12/17	15:13:48	4,84	-76,311	13,0	1,1	San José del Palmar, Chocó
1074	2020/12/17	15:48:18	4,636	-75,46	152,0	2,1	Salento, Quindío
1075	2020/12/17	16:41:20	3,4	-76,552	70,0	2,6	Cali, Valle del Cauca
1076	2020/12/17	16:51:30	6,792	-73,178	138,0	1,9	Los Santos, Santander
1077	2020/12/17	16:55:54	6,724	-73,308	140,0	1,7	Galán, Santander
1078	2020/12/17	17:00:03	2,368	-75,624	15,0	1,1	Gigante, Huila
1079	2020/12/17	17:04:11	4,729	-76,04	48,0	1,4	Ansermanuevo, Valle del Cauca
1080	2020/12/17	17:26:12	11,348	-73,554	17,0	1,6	Mar Caribe
1081	2020/12/17	17:39:22	7,441	-73,217	134,0	2,0	Rionegro, Santander
1082	2020/12/17	17:52:38	6,403	-74,811	34,0	1,5	San Roque, Antioquia
1083	2020/12/17	17:59:13	11,075	-72,777	12,0	1,9	Hato Nuevo, la Guajira
1084	2020/12/17	18:09:18	4,863	-73,883	0,0	1,2	Guasca, Cundinamarca
1085	2020/12/17	18:40:42	6,85	-73,158	136,0	1,8	Los Santos, Santander
1086	2020/12/17	18:55:34	7,529	-73,441	122,0	1,3	Rionegro, Santander
1087	2020/12/17	18:58:44	5,752	-78,597	0,0	2,5	Océano Pacífico
1088	2020/12/17	19:19:01	6,548	-73,05	0,0	1,5	Curití, Santander
1089	2020/12/17	19:38:55	6,704	-73,181	150,0	2,0	Barichara, Santander
1090	2020/12/17	20:23:01	6,038	-73,633	121,0	1,8	Chipatá, Santander
1091	2020/12/17	20:27:09	6,209	-73,654	111,0	1,5	La Paz, Santander
1092	2020/12/17	20:38:27	5,206	-73,711	145,0	1,7	Suesca, Cundinamarca
1093	2020/12/17	21:24:33	6,848	-73,169	151,0	2,2	Zapatoca, Santander
1094	2020/12/17	21:53:57	5,31	-74,141	103,0	1,5	San Cayetano, Cundinamarca
1095	2020/12/17	22:15:43	5,428	-73,812	134,0	1,9	Susa, Cundinamarca
1096	2020/12/17	22:56:51	6,529	-73,587	109,0	1,6	Simacota, Santander
1097	2020/12/17	23:18:22	6,332	-73,659	124,0	1,6	Santa Helena del Opón, Santander
1098	2020/12/17	23:42:44	6,74	-73,17	146,0	1,8	Los Santos, Santander
1099	2020/12/18	00:02:39	3,683	-77,029	29,0	1,3	Buenaventura, Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1100	2020/12/18	00:32:15	4,715	-77,062	4,0	1,1	Bajo Baudó (Pizarro), Chocó
1101	2020/12/18	00:51:37	5,738	-76,063	2,0	1,8	Betania, Antioquia
1102	2020/12/18	01:03:46	7,275	-73,493	2,0	2,1	Sabana de Torres, Santander
1103	2020/12/18	02:10:08	6,816	-73,158	156,0	2,6	Los Santos, Santander
1104	2020/12/18	02:45:50	5,47	-74,613	21,0	0,9	Puerto Salgar, Cundinamarca
1105	2020/12/18	04:24:17	4,832	-76,235	89,0	1,7	San José del Palmar, Chocó
1106	2020/12/18	04:29:29	8,596	-73,656	0,0	1,2	La Gloria, Cesar
1107	2020/12/18	04:48:37	4,786	-75,985	113,0	1,5	Ansermanuevo, Valle del Cauca
1108	2020/12/18	05:09:23	11,197	-73,374	22,0	1,6	Dibulla, la Guajira
1109	2020/12/18	05:16:25	3,458	-74,16	0,0	1,7	Mesetas, Meta
1110	2020/12/18	05:18:43	6,864	-73,399	122,0	1,4	San Vicente de Chucurí, Santander
1111	2020/12/18	05:20:37	6,806	-73,166	144,0	1,9	Los Santos, Santander
1112	2020/12/18	05:21:24	3,493	-74,194	0,0	1,3	Mesetas, Meta
1113	2020/12/18	05:31:30	4,651	-75,535	21,0	1,4	Salento, Quindío
1114	2020/12/18	05:59:12	5,608	-75,984	32,0	1,0	Andes, Antioquia
1115	2020/12/18	06:07:26	9,674	-73,255	111,0	1,8	Becerrill, Cesar
1116	2020/12/18	06:37:38	6,753	-73,429	123,0	1,7	San Vicente de Chucurí, Santander
1117	2020/12/18	06:50:33	2,242	-79,791	69,0	2,8	Océano Pacífico
1118	2020/12/18	07:21:23	6,753	-73,17	146,0	1,8	Los Santos, Santander
1119	2020/12/18	07:29:25	5,519	-74,458	31,0	2,2	Caparrapí, Cundinamarca
1120	2020/12/18	07:33:09	5,743	-73,94	102,0	1,6	Albania, Santander
1121	2020/12/18	07:39:17	6,03	-73,671	99,0	1,9	Vélez, Santander
1122	2020/12/18	07:49:04	7,542	-73,148	144,0	2,0	El Playón, Santander
1123	2020/12/18	08:00:36	4,975	-76,557	63,0	1,5	Nóvita, Chocó
1124	2020/12/18	08:33:07	6,827	-73,19	146,0	1,9	Zapatoca, Santander
1125	2020/12/18	08:45:49	6,798	-73,133	149,0	2,0	Los Santos, Santander
1126	2020/12/18	08:54:27	8,9	-77,5	18,0	2,0	Panama-Colombia
1127	2020/12/18	09:00:35	6,604	-73,598	110,0	1,5	El Carmen, Santander
1128	2020/12/18	09:03:42	6,772	-73,184	140,0	1,8	Los Santos, Santander
1129	2020/12/18	09:05:22	5,982	-73,986	4,0	1,2	Sucre, Santander
1130	2020/12/18	09:10:45	6,779	-73,15	145,0	1,8	Los Santos, Santander
1131	2020/12/18	09:36:42	6,849	-73,193	150,0	1,8	Zapatoca, Santander
1132	2020/12/18	09:40:02	6,832	-73,208	149,0	1,7	Zapatoca, Santander
1133	2020/12/18	10:08:49	6,867	-76,932	17,0	1,9	Carmen del Darién (Curbaradó), Chocó
1134	2020/12/18	10:18:01	6,773	-73,153	129,0	1,9	Los Santos, Santander
1135	2020/12/18	10:20:49	6,798	-73,187	146,0	1,7	Los Santos, Santander
1136	2020/12/18	10:25:17	5,914	-77,552	29,0	2,1	Océano Pacífico
1137	2020/12/18	10:25:54	4,101	-75,379	18,0	1,1	Rovira, Tolima
1138	2020/12/18	10:36:12	6,662	-73,552	109,0	1,4	El Carmen, Santander
1139	2020/12/18	11:00:46	6,11	-74,003	30,0	1,0	El Peñón, Santander
1140	2020/12/18	11:19:27	6,766	-73,223	130,0	1,8	Zapatoca, Santander
1141	2020/12/18	11:22:21	4,527	-75,935	45,0	1,4	La Victoria, Valle del Cauca
1142	2020/12/18	11:29:18	5,988	-74,042	9,0	1,1	Sucre, Santander
1143	2020/12/18	11:31:05	5,43	-72,826	3,0	1,6	Aquitania, Boyacá
1144	2020/12/18	11:36:08	7,121	-76,152	0,0	1,4	Dabeiba, Antioquia
1145	2020/12/18	11:55:16	6,804	-73,165	139,0	1,8	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1146	2020/12/18	12:20:50	5,315	-74,911	29,0	0,7	Victoria, Caldas
1147	2020/12/18	12:21:53	6,809	-73,186	143,0	1,7	Los Santos, Santander
1148	2020/12/18	13:27:06	6,75	-73,17	146,0	1,9	Los Santos, Santander
1149	2020/12/18	14:02:54	6,816	-73,16	146,0	1,6	Los Santos, Santander
1150	2020/12/18	14:59:17	4,681	-73,618	50,0	2,0	Gama, Cundinamarca
1151	2020/12/18	15:04:50	2,914	-74,822	8,0	1,3	San Vicente del Caguán, Caquetá
1152	2020/12/18	15:14:52	0,79	-77,94	5,0	3,1	Área de Influencia Volcán Chiles, Cerro Negro
1153	2020/12/18	15:40:30	4,457	-75,64	15,0	0,8	Calarcá, Quindío
1154	2020/12/18	16:19:03	6,756	-76,719	4,0	1,8	Murindó, Antioquia
1155	2020/12/18	16:26:25	4,511	-73,666	0,0	1,4	San Juanito, Meta
1156	2020/12/18	16:50:50	6,851	-73,135	140,0	2,6	Los Santos, Santander
1157	2020/12/18	17:46:45	6,879	-73,127	147,0	1,8	Los Santos, Santander
1158	2020/12/18	17:52:49	10,629	-72,647	20,0	1,8	Venezuela
1159	2020/12/18	18:36:47	5,624	-74,734	29,0	0,9	La Dorada, Caldas
1160	2020/12/18	18:47:39	5,27	-73,75	151,0	1,6	Cucunubá, Cundinamarca
1161	2020/12/18	19:02:48	6,868	-73,152	149,0	2,6	Los Santos, Santander
1162	2020/12/18	19:25:46	6,845	-73,155	149,0	2,6	Los Santos, Santander
1163	2020/12/18	20:30:50	3,56	-76,632	0,0	1,2	Dagua, Valle del Cauca
1164	2020/12/18	20:35:45	6,832	-73,127	155,0	2,9	Los Santos, Santander
1165	2020/12/18	21:56:09	6,869	-73,152	142,0	1,9	Los Santos, Santander
1166	2020/12/18	22:02:04	6,811	-73,042	144,0	2,0	Los Santos, Santander
1167	2020/12/18	22:14:37	5,585	-74,049	106,0	1,2	Maripí, Boyacá
1168	2020/12/18	23:48:31	5,031	-72,643	0,0	1,6	Aguazul, Casanare
1169	2020/12/19	00:04:23	6,835	-73,388	127,0	1,4	San Vicente de Chucurí, Santander
1170	2020/12/19	00:25:41	6,847	-73,168	146,0	1,6	Los Santos, Santander
1171	2020/12/19	01:20:42	5,76	-73,892	112,0	1,7	Albania, Santander
1172	2020/12/19	01:32:23	6,692	-73,192	149,0	1,6	Barichara, Santander
1173	2020/12/19	01:39:15	6,852	-73,149	146,0	2,5	Los Santos, Santander
1174	2020/12/19	01:44:24	6,085	-72,769	0,0	1,3	Sativasur, Boyacá
1175	2020/12/19	02:24:23	6,839	-73,923	32,0	0,7	Simacota, Santander
1176	2020/12/19	02:25:01	6,774	-73,204	143,0	1,7	Zapatoca, Santander
1177	2020/12/19	02:33:50	5,516	-73,836	128,0	2,4	Simijaca, Cundinamarca
1178	2020/12/19	02:46:42	6,659	-73,207	156,0	1,2	Barichara, Santander
1179	2020/12/19	02:52:13	7,756	-73,467	119,0	1,7	San Alberto, Cesar
1180	2020/12/19	02:53:04	3,414	-76,196	143,0	1,4	Pradera, Valle del Cauca
1181	2020/12/19	03:01:59	6,292	-73,645	113,0	1,3	Santa Helena del Opón, Santander
1182	2020/12/19	03:07:01	6,78	-73,034	146,0	2,2	Los Santos, Santander
1183	2020/12/19	03:18:26	5,621	-74,339	84,0	1,3	Yacopí, Cundinamarca
1184	2020/12/19	03:20:12	3,92	-76,309	123,0	1,7	Buga, Valle del Cauca
1185	2020/12/19	03:25:35	6,839	-73,177	145,0	1,8	Zapatoca, Santander
1186	2020/12/19	03:32:00	6,913	-73,165	148,0	1,5	Girón, Santander
1187	2020/12/19	03:50:56	8,146	-71,896	0,0	2,0	Venezuela
1188	2020/12/19	04:12:08	6,789	-73,126	150,0	1,8	Los Santos, Santander
1189	2020/12/19	04:28:26	3,594	-74,423	22,0	0,9	Uribe, Meta
1190	2020/12/19	04:37:25	3,213	-76,3	125,0	1,2	Padilla, Cauca
1191	2020/12/19	04:39:32	6,78	-73,155	153,0	1,7	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1192	2020/12/19	04:47:29	4,786	-78,106	9,0	1,8	Océano Pacífico
1193	2020/12/19	04:55:23	6,96	-75,284	47,0	1,3	Angostura, Antioquia
1194	2020/12/19	05:01:03	3,921	-76,207	109,0	1,2	Buga, Valle del Cauca
1195	2020/12/19	06:40:20	8,314	-73,517	125,0	2,7	Aguachica, Cesar
1196	2020/12/19	06:56:04	5,275	-73,776	149,0	2,1	Cucunubá, Cundinamarca
1197	2020/12/19	07:33:20	5,748	-75,93	59,0	1,3	Betania, Antioquia
1198	2020/12/19	07:36:12	10,586	-73,517	12,0	1,7	Valledupar, Cesar
1199	2020/12/19	07:46:11	1,94	-75,881	39,0	0,9	Timaná, Huila
1200	2020/12/19	08:22:19	5,584	-74,476	17,0	0,8	Yacopí, Cundinamarca
1201	2020/12/19	08:37:41	6,827	-73,156	145,0	1,7	Los Santos, Santander
1202	2020/12/19	09:21:54	6,436	-76,904	20,0	1,6	Bojayá (Bellavista), Chocó
1203	2020/12/19	09:40:41	1,555	-78,174	69,0	2,3	Barbacoas, Nariño
1204	2020/12/19	09:42:06	6,866	-73,158	137,0	1,6	Los Santos, Santander
1205	2020/12/19	10:04:39	6,823	-73,072	147,0	2,0	Los Santos, Santander
1206	2020/12/19	12:32:05	6,326	-73,948	69,0	1,4	Cimitarra, Santander
1207	2020/12/19	13:08:28	3,433	-74,17	0,0	1,6	Mesetas, Meta
1208	2020/12/19	13:18:27	6,798	-73,12	149,0	2,1	Los Santos, Santander
1209	2020/12/19	14:34:07	6,828	-73,109	150,0	2,0	Los Santos, Santander
1210	2020/12/19	14:37:35	6,861	-72,914	153,0	1,9	Santa Bárbara, Santander
1211	2020/12/19	14:49:39	4,519	-75,087	15,0	0,6	Ibagué, Tolima
1212	2020/12/19	15:21:51	6,863	-73,128	148,0	1,8	Los Santos, Santander
1213	2020/12/19	15:33:21	5,044	-76,046	106,0	1,6	Santuario, Risaralda
1214	2020/12/19	15:47:16	5,262	-73,759	143,0	1,6	Cucunubá, Cundinamarca
1215	2020/12/19	16:02:14	5,313	-73,781	143,0	3,2	Ubaté, Cundinamarca
1216	2020/12/19	16:45:15	6,803	-73,014	141,0	1,7	Aratocha, Santander
1217	2020/12/19	17:31:50	6,428	-78,162	21,0	2,6	Océano Pacífico
1218	2020/12/19	18:06:18	6,776	-73,125	145,0	2,2	Los Santos, Santander
1219	2020/12/19	18:24:47	6,802	-73,149	150,0	2,8	Los Santos, Santander
1220	2020/12/19	19:17:04	7,272	-73,455	17,0	2,0	Sabana de Torres, Santander
1221	2020/12/19	19:38:15	4,089	-76,435	126,0	2,5	Riofrío, Valle del Cauca
1222	2020/12/19	19:42:07	8,177	-74,246	23,0	2,0	Morales, Bolívar
1223	2020/12/19	19:46:08	6,816	-72,976	147,0	1,9	Piedecuesta, Santander
1224	2020/12/19	20:50:15	6,852	-73,119	144,0	2,3	Los Santos, Santander
1225	2020/12/19	22:02:45	4,484	-78,454	42,0	2,7	Océano Pacífico
1226	2020/12/19	23:42:03	6,813	-73,145	153,0	2,5	Los Santos, Santander
1227	2020/12/20	00:14:21	8,311	-76,98	37,0	1,7	Mar Caribe
1228	2020/12/20	00:41:05	4,032	-75,241	25,0	2,0	Ortega, Tolima
1229	2020/12/20	00:45:36	6,806	-73,151	154,0	2,7	Los Santos, Santander
1230	2020/12/20	01:11:46	3,679	-74,895	19,0	1,2	Prado, Tolima
1231	2020/12/20	01:12:34	6,797	-73,135	146,0	1,7	Los Santos, Santander
1232	2020/12/20	01:29:21	7,706	-73,44	114,0	1,7	San Alberto, Cesar
1233	2020/12/20	01:38:56	4,213	-75,246	9,0	0,8	Rovira, Tolima
1234	2020/12/20	01:44:31	5,428	-73,805	135,0	1,5	Susa, Cundinamarca
1235	2020/12/20	01:48:22	3,847	-73,925	39,0	1,2	Cubarral, Meta
1236	2020/12/20	01:49:58	6,778	-73,158	143,0	1,7	Los Santos, Santander
1237	2020/12/20	01:54:28	5,322	-73,715	136,0	1,5	Lenguazaque, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1238	2020/12/20	01:56:48	6,827	-73,147	146,0	2,2	Los Santos, Santander
1239	2020/12/20	02:34:30	8,467	-77,047	46,0	1,4	Mar Caribe
1240	2020/12/20	02:49:55	6,773	-73,174	145,0	1,7	Los Santos, Santander
1241	2020/12/20	03:04:38	3,352	-74,101	30,0	0,9	Mesetas, Meta
1242	2020/12/20	03:16:00	7,278	-73,398	111,0	1,3	Sabana de Torres, Santander
1243	2020/12/20	03:20:37	7,31	-76,143	9,0	1,0	Ituango, Antioquia
1244	2020/12/20	03:42:49	4,417	-75,658	18,0	0,7	Córdoba, Quindío
1245	2020/12/20	03:48:48	4,121	-78,802	12,0	2,3	Océano Pacífico
1246	2020/12/20	03:52:19	8,717	-77,154	28,0	1,6	Mar Caribe
1247	2020/12/20	04:22:14	2,188	-76,022	4,0	1,5	La Argentina, Huila
1248	2020/12/20	04:49:59	6,924	-76,271	1,0	1,8	Dabeiba, Antioquia
1249	2020/12/20	05:33:12	6,835	-73,162	146,0	1,9	Los Santos, Santander
1250	2020/12/20	06:05:51	6,805	-73,154	150,0	1,6	Los Santos, Santander
1251	2020/12/20	06:06:57	6,828	-72,933	143,0	1,6	Piedecuesta, Santander
1252	2020/12/20	06:25:45	6,764	-73,124	143,0	1,9	Los Santos, Santander
1253	2020/12/20	06:38:09	6,796	-73,146	150,0	1,7	Los Santos, Santander
1254	2020/12/20	06:43:05	6,887	-73,283	124,0	1,9	Betulia, Santander
1255	2020/12/20	06:51:33	4,863	-74,827	4,0	1,5	Lérida, Tolima
1256	2020/12/20	07:22:02	6,769	-73,502	122,0	1,7	El Carmen, Santander
1257	2020/12/20	07:28:37	6,436	-73,615	109,0	1,6	Santa Helena del Opón, Santander
1258	2020/12/20	07:43:39	6,859	-73,134	147,0	2,2	Los Santos, Santander
1259	2020/12/20	08:10:51	6,83	-73,169	146,0	1,8	Los Santos, Santander
1260	2020/12/20	08:16:24	4,028	-76,104	138,0	1,5	Tuluá, Valle del Cauca
1261	2020/12/20	09:02:48	6,358	-73,64	100,0	1,7	Santa Helena del Opón, Santander
1262	2020/12/20	09:11:40	6,958	-76,995	1,0	1,9	Carmen del Darién (Curbaradó), Chocó
1263	2020/12/20	09:35:49	6,819	-73,146	139,0	1,9	Los Santos, Santander
1264	2020/12/20	09:52:30	6,846	-73,148	144,0	2,2	Los Santos, Santander
1265	2020/12/20	10:09:13	8,458	-77,176	40,0	2,0	Mar Caribe
1266	2020/12/20	10:30:19	5,216	-75,106	40,0	1,1	Manzanares, Caldas
1267	2020/12/20	10:33:51	7,036	-72,919	184,0	2,0	Piedecuesta, Santander
1268	2020/12/20	11:26:31	2,234	-75,686	14,0	1,1	Agrado, Huila
1269	2020/12/20	11:36:32	6,795	-73,095	148,0	1,8	Los Santos, Santander
1270	2020/12/20	11:45:00	4,125	-75,882	0,0	1,0	Sevilla, Valle del Cauca
1271	2020/12/20	11:52:02	6,889	-73,122	145,0	1,7	Los Santos, Santander
1272	2020/12/20	12:16:28	4,614	-78,345	0,0	2,9	Océano Pacífico
1273	2020/12/20	12:49:18	7,451	-73,136	126,0	1,8	El Playón, Santander
1274	2020/12/20	12:57:52	6,826	-73,071	143,0	2,0	Los Santos, Santander
1275	2020/12/20	16:20:46	6,745	-73,133	131,0	2,0	Los Santos, Santander
1276	2020/12/20	17:13:29	6,711	-73,154	131,0	1,9	Villanueva, Santander
1277	2020/12/20	18:32:35	4,024	-76,197	12,0	1,4	San Pedro, Valle del Cauca
1278	2020/12/20	18:46:37	3,078	-74,741	18,0	1,6	Uribe, Meta
1279	2020/12/20	19:16:51	3,418	-74,185	4,0	1,1	Mesetas, Meta
1280	2020/12/20	19:45:04	2,976	-74,883	26,0	1,6	Baraya, Huila
1281	2020/12/20	19:48:53	6,348	-73,922	98,0	1,5	Cimitarra, Santander
1282	2020/12/20	19:57:21	6,8	-73,154	138,0	2,0	Los Santos, Santander
1283	2020/12/20	20:01:21	7,592	-75,111	36,0	2,1	Cáceres, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1284	2020/12/20	20:16:12	6,728	-73,189	143,0	1,8	Villanueva, Santander
1285	2020/12/20	20:30:56	6,809	-76,32	0,0	1,1	Dabeiba, Antioquia
1286	2020/12/20	21:31:15	6,78	-73,172	144,0	3,0	Los Santos, Santander
1287	2020/12/20	21:36:40	6,709	-73,207	156,0	1,6	Barichara, Santander
1288	2020/12/20	21:56:48	6,048	-73,198	12,0	1,7	Charalá, Santander
1289	2020/12/20	22:22:22	7,834	-72,558	4,0	2,1	Cúcuta, Norte de Santander
1290	2020/12/20	22:33:16	6,867	-73,058	158,0	1,7	Los Santos, Santander
1291	2020/12/20	23:04:44	6,868	-76,838	14,0	1,3	Carmen del Darién (Curbaradó), Chocó
1292	2020/12/20	23:21:24	7,423	-74,904	3,0	1,2	Anorí, Antioquia
1293	2020/12/20	23:38:25	3,274	-74,844	4,0	1,4	Colombia, Huila
1294	2020/12/21	00:33:39	7,302	-73,397	116,0	1,6	Sabana de Torres, Santander
1295	2020/12/21	01:04:32	6,878	-73,166	146,0	2,6	Los Santos, Santander
1296	2020/12/21	01:55:40	3,446	-79,162	32,0	3,2	Océano Pacífico
1297	2020/12/21	02:14:10	6,878	-73,326	125,0	1,7	Zapatoca, Santander
1298	2020/12/21	02:55:50	5,258	-73,707	147,0	2,1	Lenguazaque, Cundinamarca
1299	2020/12/21	03:46:12	7,619	-73,974	6,0	1,7	San Pablo, Bolívar
1300	2020/12/21	04:05:04	7,232	-76,957	37,0	2,1	Carmen del Darién (Curbaradó), Chocó
1301	2020/12/21	04:54:40	6,83	-73,184	151,0	1,5	Zapatoca, Santander
1302	2020/12/21	05:15:52	6,808	-73,29	124,0	1,3	Zapatoca, Santander
1303	2020/12/21	05:32:11	3,507	-74,204	10,0	1,5	Mesetas, Meta
1304	2020/12/21	05:38:26	6,754	-73,184	148,0	1,5	Villanueva, Santander
1305	2020/12/21	05:39:54	6,774	-73,149	145,0	1,7	Los Santos, Santander
1306	2020/12/21	06:15:52	5,815	-73,262	13,0	2,3	Sotaquirá, Boyacá
1307	2020/12/21	06:34:07	6,733	-73,138	136,0	2,1	Los Santos, Santander
1308	2020/12/21	06:44:35	6,754	-73,129	134,0	1,9	Los Santos, Santander
1309	2020/12/21	06:46:15	5,462	-76,312	19,0	0,9	Bagadó, Chocó
1310	2020/12/21	07:12:51	6,686	-73,406	131,0	1,3	El Carmen, Santander
1311	2020/12/21	07:21:21	6,754	-73,137	135,0	1,8	Los Santos, Santander
1312	2020/12/21	07:27:40	6,765	-73,276	139,0	1,4	Zapatoca, Santander
1313	2020/12/21	07:41:34	6,803	-73,152	139,0	1,5	Los Santos, Santander
1314	2020/12/21	07:58:16	6,707	-76,99	0,0	1,7	Bojayá (Bellavista), Chocó
1315	2020/12/21	08:10:22	7,389	-73,749	91,0	1,4	Puerto Wilches, Santander
1316	2020/12/21	08:17:11	6,779	-73,162	147,0	1,5	Los Santos, Santander
1317	2020/12/21	08:32:27	6,798	-73,176	146,0	1,4	Los Santos, Santander
1318	2020/12/21	08:47:49	6,9	-73,182	141,0	2,7	Girón, Santander
1319	2020/12/21	08:52:59	6,786	-73,14	135,0	2,2	Los Santos, Santander
1320	2020/12/21	08:59:59	6,753	-73,185	138,0	2,3	Villanueva, Santander
1321	2020/12/21	09:19:11	4,852	-73,164	17,0	1,2	San Luis de Gaceno, Boyacá
1322	2020/12/21	09:26:20	6,817	-73,13	148,0	2,4	Los Santos, Santander
1323	2020/12/21	09:34:00	6,72	-73,18	132,0	1,7	Villanueva, Santander
1324	2020/12/21	09:42:45	5,137	-73,433	0,0	1,4	La Capilla, Boyacá
1325	2020/12/21	09:50:00	6,113	-75,869	24,0	0,6	Concordia, Antioquia
1326	2020/12/21	10:05:42	6,741	-73,15	138,0	2,2	Los Santos, Santander
1327	2020/12/21	10:54:10	6,719	-73,181	142,0	1,6	Villanueva, Santander
1328	2020/12/21	10:56:58	6,792	-73,114	151,0	1,8	Los Santos, Santander
1329	2020/12/21	12:42:07	7,559	-74,048	73,0	1,8	San Pablo, Bolívar

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1330	2020/12/21	13:08:11	6,809	-73,159	151,0	1,9	Los Santos, Santander
1331	2020/12/21	13:35:15	6,861	-74,472	0,0	1,6	Remedios, Antioquia
1332	2020/12/21	13:40:01	7,409	-76,486	31,0	2,1	Mutatá, Antioquia
1333	2020/12/21	14:17:34	6,72	-73,167	137,0	2,0	Villanueva, Santander
1334	2020/12/21	15:07:42	2,369	-75,408	33,0	2,2	Algeciras, Huila
1335	2020/12/21	15:09:58	2,309	-75,516	25,0	1,3	Gigante, Huila
1336	2020/12/21	16:47:11	6,813	-73,137	141,0	2,3	Los Santos, Santander
1337	2020/12/21	18:47:43	6,803	-73,22	144,0	1,6	Zapatoca, Santander
1338	2020/12/21	19:32:55	6,858	-73,16	146,0	1,8	Los Santos, Santander
1339	2020/12/21	20:06:26	4,368	-75,851	122,0	1,4	Caicedonia, Valle del Cauca
1340	2020/12/21	20:07:57	4,879	-76,207	100,0	2,3	San José del Palmar, Chocó
1341	2020/12/21	20:10:55	4,504	-74,887	25,0	1,0	Piedras, Tolima
1342	2020/12/21	20:19:02	6,814	-73,154	155,0	3,0	Los Santos, Santander
1343	2020/12/21	20:37:29	5,687	-74,222	87,0	1,2	Otanche, Boyacá
1344	2020/12/21	22:24:22	7,207	-73,954	1,0	3,3	Yondó (Casabe), Antioquia
1345	2020/12/21	22:45:09	6,665	-73,223	135,0	1,8	Barichara, Santander
1346	2020/12/21	23:41:14	3,158	-74,6	0,0	1,1	Uribe, Meta
1347	2020/12/22	00:02:45	2,015	-74,857	21,0	1,9	San Vicente del Caguán, Caquetá
1348	2020/12/22	00:13:26	4,81	-76,363	77,0	1,6	San José del Palmar, Chocó
1349	2020/12/22	00:38:02	3,472	-74,209	10,0	1,0	Mesetas, Meta
1350	2020/12/22	00:44:46	6,756	-73,165	132,0	1,8	Los Santos, Santander
1351	2020/12/22	01:02:31	6,794	-76,731	0,0	1,5	Murindó, Antioquia
1352	2020/12/22	01:10:23	6,816	-73,185	141,0	3,1	Zapatoca, Santander
1353	2020/12/22	01:30:29	6,754	-73,21	139,0	2,3	Villanueva, Santander
1354	2020/12/22	01:33:28	6,924	-76,45	15,0	1,3	Dabeiba, Antioquia
1355	2020/12/22	01:36:10	5,965	-77,47	0,0	2,2	Océano Pacífico
1356	2020/12/22	01:38:23	6,775	-73,227	143,0	1,7	Zapatoca, Santander
1357	2020/12/22	02:11:11	3,941	-76,346	109,0	1,3	Yotoco, Valle del Cauca
1358	2020/12/22	02:12:47	6,225	-74,38	3,0	1,1	Cimitarra, Santander
1359	2020/12/22	02:28:21	5,184	-76,262	78,0	2,0	Tadó, Chocó
1360	2020/12/22	03:01:55	3,918	-76,289	115,0	1,2	Buga, Valle del Cauca
1361	2020/12/22	03:11:16	6,69	-73,248	138,0	1,8	Barichara, Santander
1362	2020/12/22	03:18:11	7,165	-76,113	16,0	1,3	Ituango, Antioquia
1363	2020/12/22	03:20:41	2,481	-75,528	32,0	1,3	Gigante, Huila
1364	2020/12/22	03:38:24	2,291	-75,551	27,0	3,0	Gigante, Huila
1365	2020/12/22	03:42:11	6,886	-76,21	7,0	1,0	Uramita, Antioquia
1366	2020/12/22	04:01:48	6,791	-73,185	149,0	1,8	Los Santos, Santander
1367	2020/12/22	04:04:39	10,168	-73,147	121,0	2,5	La Paz, Cesar
1368	2020/12/22	04:07:34	6,8	-73,147	149,0	1,9	Los Santos, Santander
1369	2020/12/22	04:40:05	4,3	-77,642	0,0	2,1	Océano Pacífico
1370	2020/12/22	04:40:14	6,824	-73,142	140,0	2,5	Los Santos, Santander
1371	2020/12/22	06:02:27	6,832	-73,193	146,0	1,5	Zapatoca, Santander
1372	2020/12/22	06:39:05	2,069	-75,705	34,0	0,7	Guadalupe, Huila
1373	2020/12/22	07:32:28	6,788	-73,142	144,0	2,8	Los Santos, Santander
1374	2020/12/22	07:35:28	1,86	-75,926	43,0	1,1	Suaza, Huila
1375	2020/12/22	07:46:14	6,758	-73,178	149,0	1,6	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1376	2020/12/22	07:48:07	6,821	-73,111	133,0	1,8	Los Santos, Santander
1377	2020/12/22	07:50:29	7,401	-73,124	123,0	2,0	Rionegro, Santander
1378	2020/12/22	08:11:22	2,502	-75,425	26,0	1,1	Hobo, Huila
1379	2020/12/22	08:15:31	6,711	-73,15	134,0	1,6	Villanueva, Santander
1380	2020/12/22	08:54:44	2,264	-75,566	26,0	1,7	Garzón, Huila
1381	2020/12/22	10:20:52	7,257	-71,937	93,0	2,0	Venezuela
1382	2020/12/22	10:26:35	6,681	-73,194	146,0	1,3	Barichara, Santander
1383	2020/12/22	10:31:34	7,715	-73,12	151,0	1,8	Cáchira, Norte de Santander
1384	2020/12/22	11:34:22	6,732	-73,154	134,0	2,3	Los Santos, Santander
1385	2020/12/22	12:54:36	6,072	-73,445	128,0	2,0	Santana, Boyacá
1386	2020/12/22	13:27:26	10,519	-74,216	27,0	1,9	Fundación, Magdalena
1387	2020/12/22	13:27:36	8,016	-73,457	120,0	1,7	San Martín, Cesar
1388	2020/12/22	13:35:21	6,749	-73,159	136,0	2,5	Los Santos, Santander
1389	2020/12/22	14:36:49	5,766	-73,805	112,0	1,5	Albania, Santander
1390	2020/12/22	15:47:36	7,723	-72,318	4,0	2,1	Norte Colombia
1391	2020/12/22	16:37:24	6,456	-72,231	10,0	3,0	Guicán, Boyacá
1392	2020/12/22	16:50:06	7,726	-73,174	115,0	1,8	Cáchira, Norte de Santander
1393	2020/12/22	16:53:26	3,781	-74,028	15,0	1,2	Cubarral, Meta
1394	2020/12/22	17:23:54	4,405	-76,093	124,0	1,3	Zarzal, Valle del Cauca
1395	2020/12/22	17:49:37	4,323	-75,196	52,0	1,0	Ibagué, Tolima
1396	2020/12/22	18:28:18	6,491	-74,032	27,0	1,1	Cimitarra, Santander
1397	2020/12/22	19:20:44	5,87	-73,608	121,0	2,4	Puente Nacional, Santander
1398	2020/12/22	20:01:59	5,917	-74,866	0,0	0,6	San Francisco, Antioquia
1399	2020/12/22	20:22:12	6,758	-73,146	134,0	2,1	Los Santos, Santander
1400	2020/12/22	20:37:38	6,826	-73,082	149,0	1,9	Los Santos, Santander
1401	2020/12/22	21:26:07	6,816	-73,149	144,0	1,8	Los Santos, Santander
1402	2020/12/22	23:26:58	4,456	-76,101	89,0	1,3	Roldanillo, Valle del Cauca
1403	2020/12/22	23:49:47	4,373	-73,826	7,0	1,5	Quetame, Cundinamarca
1404	2020/12/23	01:02:51	5,285	-73,874	136,0	1,8	Carmen de Carupa, Cundinamarca
1405	2020/12/23	01:28:50	2,352	-75,644	33,0	1,4	Gigante, Huila
1406	2020/12/23	01:32:52	1,274	-78,904	75,0	4,3	Colombia-Ecuador
1407	2020/12/23	01:41:51	5,811	-76,551	39,0	1,6	Quibdó, Chocó
1408	2020/12/23	01:59:16	2,105	-75,647	22,0	1,6	Garzón, Huila
1409	2020/12/23	02:09:59	6,762	-73,154	137,0	2,3	Los Santos, Santander
1410	2020/12/23	02:20:53	3,474	-74,211	11,0	1,3	Mesetas, Meta
1411	2020/12/23	02:24:09	6,798	-73,216	139,0	1,6	Zapatoca, Santander
1412	2020/12/23	02:41:39	6,756	-73,156	137,0	2,2	Los Santos, Santander
1413	2020/12/23	03:12:20	5,471	-74,09	103,0	1,4	Coper, Boyacá
1414	2020/12/23	03:22:26	6,754	-76,683	17,0	1,7	Murindó, Antioquia
1415	2020/12/23	03:27:50	5,432	-73,826	134,0	3,2	Susa, Cundinamarca
1416	2020/12/23	03:35:33	5,447	-73,772	130,0	1,8	Fúquene, Cundinamarca
1417	2020/12/23	04:13:35	7,0	-76,239	11,0	1,1	Dabeiba, Antioquia
1418	2020/12/23	04:27:57	4,429	-77,05	47,0	1,5	El Litoral del San Juan (Docordó), Chocó
1419	2020/12/23	05:07:03	3,997	-71,617	0,0	2,2	Puerto Gaitán, Meta
1420	2020/12/23	05:13:25	6,702	-71,793	51,0	1,6	Fortul, Arauca
1421	2020/12/23	05:20:10	6,8	-73,139	142,0	1,7	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1422	2020/12/23	05:34:20	6,869	-73,353	123,0	1,6	San Vicente de Chucurí, Santander
1423	2020/12/23	06:37:44	6,414	-73,611	113,0	2,0	Santa Helena del Opón, Santander
1424	2020/12/23	06:46:52	6,778	-73,108	151,0	1,5	Los Santos, Santander
1425	2020/12/23	06:56:31	6,674	-73,204	136,0	1,6	Barichara, Santander
1426	2020/12/23	07:22:37	7,692	-73,399	105,0	1,7	La Esperanza, Norte de Santander
1427	2020/12/23	07:35:58	3,522	-76,348	125,0	1,2	Palmira, Valle del Cauca
1428	2020/12/23	07:37:28	7,348	-73,469	137,0	1,6	Sabana de Torres, Santander
1429	2020/12/23	07:38:28	1,993	-74,342	3,0	1,6	La Macarena, Meta
1430	2020/12/23	07:57:08	6,74	-73,195	154,0	1,5	Villanueva, Santander
1431	2020/12/23	08:05:24	3,968	-75,894	63,0	0,7	Tuluá, Valle del Cauca
1432	2020/12/23	08:13:37	6,874	-73,151	144,0	1,4	Los Santos, Santander
1433	2020/12/23	08:23:30	3,314	-74,32	8,0	1,2	Uribe, Meta
1434	2020/12/23	08:25:20	6,749	-73,137	134,0	1,9	Los Santos, Santander
1435	2020/12/23	08:38:49	6,164	-73,647	119,0	1,5	La Paz, Santander
1436	2020/12/23	08:42:56	5,382	-73,837	123,0	1,6	Susa, Cundinamarca
1437	2020/12/23	08:43:32	6,054	-77,523	26,0	2,0	Océano Pacífico
1438	2020/12/23	09:09:37	6,835	-73,112	144,0	1,9	Los Santos, Santander
1439	2020/12/23	09:18:54	6,776	-73,136	141,0	2,7	Los Santos, Santander
1440	2020/12/23	09:31:36	6,181	-73,631	121,0	1,4	La Paz, Santander
1441	2020/12/23	09:41:20	6,964	-72,879	183,0	1,7	Santa Bárbara, Santander
1442	2020/12/23	10:03:12	6,814	-73,154	152,0	1,8	Los Santos, Santander
1443	2020/12/23	10:34:01	7,201	-73,972	12,0	1,2	Yondó (Casabe), Antioquia
1444	2020/12/23	10:45:32	7,498	-74,777	15,0	1,9	El Bagre, Antioquia
1445	2020/12/23	11:12:36	5,605	-74,069	106,0	1,2	Maripí, Boyacá
1446	2020/12/23	11:46:05	4,641	-76,256	104,0	2,7	Versalles, Valle del Cauca
1447	2020/12/23	12:08:16	3,499	-74,215	8,0	1,4	Mesetas, Meta
1448	2020/12/23	12:26:59	2,351	-75,401	29,0	2,5	Algeciras, Huila
1449	2020/12/23	12:55:09	6,816	-73,162	145,0	1,7	Los Santos, Santander
1450	2020/12/23	12:59:50	6,984	-76,244	47,0	1,4	Dabeiba, Antioquia
1451	2020/12/23	13:17:02	6,779	-73,042	150,0	1,6	Los Santos, Santander
1452	2020/12/23	13:43:40	4,877	-75,829	55,0	1,9	Pereira, Risaralda
1453	2020/12/23	13:44:12	6,66	-73,207	155,0	1,6	Barichara, Santander
1454	2020/12/23	14:15:49	3,337	-74,389	17,0	1,6	Uribe, Meta
1455	2020/12/23	14:42:54	0,797167	-77,9368	5,0	3,9	Área de influencia Complejo volcánico Chiles, Cerro Negro
1456	2020/12/23	17:19:28	6,554	-73,196	133,0	1,7	San Gil, Santander
1457	2020/12/23	17:28:07	10,116	-73,721	17,0	1,7	Valledupar, Cesar
1458	2020/12/23	17:45:03	3,404	-74,723	20,0	0,7	Colombia, Huila
1459	2020/12/23	17:52:08	7,527	-73,788	6,0	1,3	Puerto Wilches, Santander
1460	2020/12/23	18:05:32	6,534	-73,252	146,0	1,7	Cabrera, Santander
1461	2020/12/23	18:12:32	3,491	-74,198	13,0	1,7	Mesetas, Meta
1462	2020/12/23	18:24:15	6,801	-73,198	143,0	2,8	Zapatoca, Santander
1463	2020/12/23	18:27:58	5,808	-73,019	0,0	1,4	Duitama, Boyacá
1464	2020/12/23	18:38:09	8,519	-73,55	96,0	2,0	La Gloria, Cesar
1465	2020/12/23	18:56:25	6,715	-73,18	143,0	1,9	Villanueva, Santander
1466	2020/12/23	18:59:36	5,715	-74,315	79,0	1,6	Yacopí, Cundinamarca
1467	2020/12/23	19:11:33	6,783	-73,159	137,0	2,3	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1468	2020/12/23	19:18:21	5,628	-76,166	10,0	1,0	Bagadó, Chocó
1469	2020/12/23	19:28:56	6,762	-73,163	133,0	2,3	Los Santos, Santander
1470	2020/12/23	19:40:52	6,749	-73,218	138,0	2,3	Zapatoca, Santander
1471	2020/12/23	19:42:53	5,366	-76,416	49,0	1,2	Cértegui, Chocó
1472	2020/12/23	20:18:04	4,178	-71,706	15,0	1,8	Puerto Gaitán, Meta
1473	2020/12/23	20:35:15	5,29	-76,089	64,0	1,5	Pueblo Rico, Risaralda
1474	2020/12/23	20:37:41	6,51	-74,875	19,0	1,3	San Roque, Antioquia
1475	2020/12/23	20:49:33	9,609	-72,901	23,0	1,8	Venezuela
1476	2020/12/23	20:51:02	6,626	-72,365	27,0	2,0	Chiscas, Boyacá
1477	2020/12/23	21:11:03	6,948	-73,184	155,0	2,0	Girón, Santander
1478	2020/12/23	22:16:12	6,867	-73,137	136,0	1,8	Los Santos, Santander
1479	2020/12/23	22:42:19	4,763	-76,109	101,0	1,7	Ansermanuevo, Valle del Cauca
1480	2020/12/23	22:58:29	3,882	-76,226	124,0	1,5	Buga, Valle del Cauca
1481	2020/12/23	23:27:18	6,68	-73,255	137,0	1,7	Barichara, Santander
1482	2020/12/23	23:32:28	6,464	-73,572	108,0	1,8	Santa Helena del Opón, Santander
1483	2020/12/24	00:32:32	6,771	-73,18	149,0	2,0	Los Santos, Santander
1484	2020/12/24	00:37:04	3,508	-74,215	16,0	1,4	Mesetas, Meta
1485	2020/12/24	01:03:02	6,707	-73,206	138,0	1,8	Barichara, Santander
1486	2020/12/24	01:13:04	6,885	-73,264	122,0	2,0	Betulia, Santander
1487	2020/12/24	01:23:16	6,283	-72,203	20,0	1,9	Tame, Arauca
1488	2020/12/24	01:47:01	6,804	-73,176	139,0	1,8	Los Santos, Santander
1489	2020/12/24	01:54:11	3,603	-74,429	33,0	1,2	Uribe, Meta
1490	2020/12/24	02:02:20	6,711	-73,33	125,0	1,7	Galán, Santander
1491	2020/12/24	02:16:12	2,337	-75,587	28,0	2,3	Gigante, Huila
1492	2020/12/24	02:18:06	6,801	-73,131	144,0	1,8	Los Santos, Santander
1493	2020/12/24	02:38:17	6,675	-73,678	91,0	1,3	El Carmen, Santander
1494	2020/12/24	03:39:08	3,474	-74,218	14,0	2,1	Mesetas, Meta
1495	2020/12/24	04:02:28	5,802	-74,091	11,0	1,3	Otanche, Boyacá
1496	2020/12/24	04:04:14	5,594	-76,508	21,0	1,2	Lloró, Chocó
1497	2020/12/24	04:05:57	5,67	-76,569	27,0	1,4	Quibdó, Chocó
1498	2020/12/24	04:49:02	2,637	-75,078	4,0	2,6	San Vicente del Caguán, Caquetá
1499	2020/12/24	05:09:22	5,458	-78,15	17,0	2,6	Océano Pacífico
1500	2020/12/24	05:43:08	6,79	-73,114	137,0	1,7	Los Santos, Santander
1501	2020/12/24	05:59:55	6,769	-73,184	146,0	1,7	Los Santos, Santander
1502	2020/12/24	07:05:05	9,95	-73,86	67,0	1,5	Bosconia, Cesar
1503	2020/12/24	07:19:35	3,409	-76,954	91,0	1,9	Buenaventura, Valle del Cauca
1504	2020/12/24	07:37:18	5,303	-73,732	141,0	2,5	Lenguazaque, Cundinamarca
1505	2020/12/24	08:03:05	6,625	-73,184	144,0	1,6	Barichara, Santander
1506	2020/12/24	08:11:51	6,637	-73,23	140,0	1,5	Barichara, Santander
1507	2020/12/24	08:16:30	6,762	-73,133	136,0	1,9	Los Santos, Santander
1508	2020/12/24	09:05:59	6,488	-73,686	105,0	1,8	Vélez, Santander
1509	2020/12/24	10:23:47	6,713	-73,147	154,0	1,9	Jordán, Santander
1510	2020/12/24	10:25:34	6,779	-73,146	130,0	2,3	Los Santos, Santander
1511	2020/12/24	10:33:49	6,762	-73,153	149,0	1,7	Los Santos, Santander
1512	2020/12/24	12:23:32	6,808	-73,18	148,0	1,7	Los Santos, Santander
1513	2020/12/24	12:28:06	6,881	-73,324	124,0	2,0	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1514	2020/12/24	12:57:01	6,788	-73,193	142,0	1,6	Los Santos, Santander
1515	2020/12/24	13:44:31	6,792	-73,143	151,0	1,9	Los Santos, Santander
1516	2020/12/24	13:53:14	6,754	-73,167	135,0	2,4	Los Santos, Santander
1517	2020/12/24	16:08:53	3,488	-74,207	9,0	1,4	Mesetas, Meta
1518	2020/12/24	20:11:33	10,587	-73,527	3,0	1,9	Pueblo Bello, Cesar
1519	2020/12/24	20:21:40	6,784	-73,198	154,0	1,7	Los Santos, Santander
1520	2020/12/24	20:22:39	4,988	-75,035	43,0	1,0	Libano, Tolima
1521	2020/12/24	20:25:38	10,608	-73,498	36,0	2,1	Valledupar, Cesar
1522	2020/12/24	21:40:31	6,846	-73,179	139,0	1,8	Zapatoca, Santander
1523	2020/12/24	21:40:49	7,098	-76,098	0,0	1,7	Dabeiba, Antioquia
1524	2020/12/24	22:06:01	6,628	-76,675	24,0	3,7	Vigia del Fuerte, Antioquia
1525	2020/12/24	22:08:25	9,089	-73,676	7,0	1,7	Chimichagua, Cesar
1526	2020/12/24	23:22:30	3,388	-74,137	0,0	1,1	Mesetas, Meta
1527	2020/12/24	23:44:34	6,782	-73,186	140,0	1,7	Los Santos, Santander
1528	2020/12/24	23:54:32	6,89	-73,092	147,0	1,7	Los Santos, Santander
1529	2020/12/25	00:02:58	6,749	-73,137	143,0	2,6	Los Santos, Santander
1530	2020/12/25	00:43:09	9,103	-75,003	76,0	1,6	Galeras, Sucre
1531	2020/12/25	01:14:55	4,94	-75,209	0,0	0,4	Villahermosa, Tolima
1532	2020/12/25	02:08:11	6,784	-73,164	148,0	3,0	Los Santos, Santander
1533	2020/12/25	04:16:30	5,751	-76,027	57,0	1,6	Betania, Antioquia
1534	2020/12/25	04:21:06	6,8	-73,154	141,0	1,8	Los Santos, Santander
1535	2020/12/25	04:39:42	3,488	-74,289	15,0	1,7	Uribe, Meta
1536	2020/12/25	04:43:09	7,02	-73,107	126,0	1,9	Floridablanca, Santander
1537	2020/12/25	05:05:50	3,433	-74,244	14,0	1,1	Mesetas, Meta
1538	2020/12/25	06:05:25	6,484	-73,805	100,0	1,1	Landázuri, Santander
1539	2020/12/25	06:24:21	6,803	-73,16	147,0	3,2	Los Santos, Santander
1540	2020/12/25	06:32:20	6,831	-73,139	142,0	1,6	Los Santos, Santander
1541	2020/12/25	08:25:40	6,808	-73,13	138,0	2,0	Los Santos, Santander
1542	2020/12/25	08:35:20	6,784	-73,155	139,0	2,3	Los Santos, Santander
1543	2020/12/25	09:05:54	4,714	-74,691	19,0	0,9	Pulí, Cundinamarca
1544	2020/12/25	09:14:37	7,567	-74,123	5,0	1,3	San Pablo, Bolívar
1545	2020/12/25	09:21:39	6,812	-73,16	133,0	1,4	Los Santos, Santander
1546	2020/12/25	09:25:54	7,443	-75,569	44,0	1,4	Taráz, Antioquia
1547	2020/12/25	09:32:27	6,762	-73,154	135,0	1,8	Los Santos, Santander
1548	2020/12/25	09:53:12	6,697	-73,228	145,0	1,6	Barichara, Santander
1549	2020/12/25	10:06:44	3,432	-74,225	0,0	1,0	Mesetas, Meta
1550	2020/12/25	10:36:12	6,828	-73,122	146,0	1,6	Los Santos, Santander
1551	2020/12/25	10:54:30	3,764	-75,682	4,0	1,3	Chaparral, Tolima
1552	2020/12/25	11:09:13	3,52	-76,434	131,0	1,3	Palmira, Valle del Cauca
1553	2020/12/25	11:20:56	2,348	-75,615	25,0	1,4	Gigante, Huila
1554	2020/12/25	11:32:25	5,697	-74,002	98,0	1,7	Pauna, Boyacá
1555	2020/12/25	11:32:59	6,775	-73,15	133,0	1,9	Los Santos, Santander
1556	2020/12/25	12:12:54	6,804	-73,116	135,0	1,9	Los Santos, Santander
1557	2020/12/25	12:16:13	2,344	-75,612	18,0	2,8	Gigante, Huila
1558	2020/12/25	12:33:11	4,345	-75,853	117,0	1,3	Caicedonia, Valle del Cauca
1559	2020/12/25	13:24:07	6,817	-73,083	145,0	1,7	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1560	2020/12/25	13:34:55	6,646	-76,664	7,0	1,6	Vigia del Fuerte, Antioquia
1561	2020/12/25	13:35:47	6,81	-73,15	140,0	1,8	Los Santos, Santander
1562	2020/12/25	14:26:32	6,779	-73,174	149,0	1,7	Los Santos, Santander
1563	2020/12/25	14:30:33	6,839	-73,166	144,0	1,6	Los Santos, Santander
1564	2020/12/25	14:36:06	5,289	-73,964	129,0	1,7	Carmen de Carupa, Cundinamarca
1565	2020/12/25	14:56:01	5,737	-72,701	0,0	1,7	Mongua, Boyacá
1566	2020/12/25	14:59:58	6,782	-73,166	144,0	3,5	Los Santos, Santander
1567	2020/12/25	15:32:51	2,331	-75,604	23,0	1,8	Gigante, Huila
1568	2020/12/25	15:33:32	6,724	-73,177	150,0	1,8	Villanueva, Santander
1569	2020/12/25	16:01:32	4,772	-76,162	93,0	1,7	El Cairo, Valle del Cauca
1570	2020/12/25	16:14:10	2,449	-75,481	32,0	1,6	Gigante, Huila
1571	2020/12/25	16:19:04	6,523	-73,561	0,0	2,1	Simacota, Santander
1572	2020/12/25	17:33:13	6,796	-73,096	149,0	1,8	Los Santos, Santander
1573	2020/12/25	17:36:11	6,813	-73,12	144,0	2,7	Los Santos, Santander
1574	2020/12/25	17:55:57	4,921	-75,881	114,0	1,3	Santuario, Risaralda
1575	2020/12/25	18:36:43	6,787	-73,09	141,0	2,0	Los Santos, Santander
1576	2020/12/25	19:08:28	8,532	-74,198	64,0	2,0	Tiquisio (Puerto Rico), Bolívar
1577	2020/12/25	19:11:50	4,455	-76,46	100,0	1,9	Sipí, Chocó
1578	2020/12/25	20:07:42	6,624	-71,495	38,0	1,9	Tame, Arauca
1579	2020/12/25	20:46:54	6,8	-73,18	137,0	1,9	Los Santos, Santander
1580	2020/12/25	20:53:20	6,367	-73,552	119,0	2,9	Santa Helena del Opón, Santander
1581	2020/12/25	21:11:31	2,934	-74,832	27,0	1,8	Uribe, Meta
1582	2020/12/25	22:42:49	5,597	-72,721	11,0	2,2	Labranzagrande, Boyacá
1583	2020/12/25	22:57:56	5,72	-73,933	102,0	2,2	Tununguá, Boyacá
1584	2020/12/25	23:04:39	3,956	-76,32	117,0	1,4	Buga, Valle del Cauca
1585	2020/12/26	00:17:12	3,467	-74,165	0,0	1,4	Mesetas, Meta
1586	2020/12/26	00:23:41	7,436	-78,399	11,0	2,7	Panama
1587	2020/12/26	00:43:20	6,656	-76,726	13,0	2,9	Murindó, Antioquia
1588	2020/12/26	01:43:34	6,919	-77,904	0,0	2,2	Océano Pacífico
1589	2020/12/26	02:04:59	6,343	-73,564	115,0	1,6	Santa Helena del Opón, Santander
1590	2020/12/26	02:10:28	6,795	-73,075	153,0	1,8	Los Santos, Santander
1591	2020/12/26	02:26:28	6,826	-73,138	143,0	1,9	Los Santos, Santander
1592	2020/12/26	02:31:29	3,44	-76,422	55,0	1,7	Candelaria, Valle del Cauca
1593	2020/12/26	02:48:10	5,257	-73,695	153,0	2,1	Lenguazaque, Cundinamarca
1594	2020/12/26	03:11:24	6,8	-73,162	147,0	1,7	Los Santos, Santander
1595	2020/12/26	03:18:58	5,938	-73,768	107,0	1,7	Sucre, Santander
1596	2020/12/26	03:35:13	11,021	-73,54	22,0	1,6	Dibulla, la Guajira
1597	2020/12/26	04:04:13	3,905	-76,302	113,0	1,3	Buga, Valle del Cauca
1598	2020/12/26	04:09:43	4,716	-74,644	27,0	1,0	Pulí, Cundinamarca
1599	2020/12/26	04:22:23	6,78	-73,095	152,0	1,8	Los Santos, Santander
1600	2020/12/26	04:42:55	3,481	-74,215	8,0	1,5	Mesetas, Meta
1601	2020/12/26	04:57:30	6,822	-73,138	143,0	1,8	Los Santos, Santander
1602	2020/12/26	04:59:58	5,805	-73,109	0,0	1,5	Paipa, Boyacá
1603	2020/12/26	05:09:38	6,778	-73,14	146,0	1,6	Los Santos, Santander
1604	2020/12/26	05:28:57	6,861	-73,374	128,0	1,4	San Vicente de Chucurí, Santander
1605	2020/12/26	06:03:47	6,796	-73,137	141,0	1,9	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1606	2020/12/26	06:43:48	6,606	-73,783	94,0	1,2	Simacota, Santander
1607	2020/12/26	06:48:29	6,78	-73,153	141,0	2,0	Los Santos, Santander
1608	2020/12/26	07:11:28	7,44	-73,128	134,0	1,5	Rionegro, Santander
1609	2020/12/26	07:54:28	4,836	-76,76	38,0	1,7	Nóvita, Chocó
1610	2020/12/26	08:04:33	6,786	-73,199	153,0	1,4	Los Santos, Santander
1611	2020/12/26	08:33:16	6,782	-73,155	145,0	2,3	Los Santos, Santander
1612	2020/12/26	08:56:41	6,81	-73,166	147,0	1,7	Los Santos, Santander
1613	2020/12/26	09:01:15	6,814	-73,185	142,0	1,6	Zapatoca, Santander
1614	2020/12/26	09:18:02	3,454	-74,19	6,0	1,9	Mesetas, Meta
1615	2020/12/26	09:42:46	6,658	-71,584	43,0	1,6	Fortul, Arauca
1616	2020/12/26	09:49:28	6,744	-73,209	137,0	1,7	Villanueva, Santander
1617	2020/12/26	10:09:34	6,779	-73,143	149,0	1,7	Los Santos, Santander
1618	2020/12/26	10:34:38	6,817	-73,291	125,0	1,5	Zapatoca, Santander
1619	2020/12/26	11:20:15	2,775	-75,011	27,0	1,8	San Vicente del Caguán, Caquetá
1620	2020/12/26	12:19:13	7,718	-73,083	142,0	1,7	Cáchira, Norte de Santander
1621	2020/12/26	12:42:04	6,747	-73,191	140,0	1,5	Villanueva, Santander
1622	2020/12/26	13:18:13	6,816	-73,11	141,0	2,4	Los Santos, Santander
1623	2020/12/26	14:05:58	6,832	-73,174	140,0	1,7	Los Santos, Santander
1624	2020/12/26	14:39:07	6,782	-76,561	0,0	1,6	Dabeiba, Antioquia
1625	2020/12/26	14:59:29	5,785	-75,991	61,0	1,5	Ciudad Bolívar, Antioquia
1626	2020/12/26	15:17:46	6,655	-76,393	0,0	1,3	Frontino, Antioquia
1627	2020/12/26	15:57:29	3,448	-74,188	10,0	2,5	Mesetas, Meta
1628	2020/12/26	17:14:40	3,845	-76,973	31,0	2,1	Buenaventura, Valle del Cauca
1629	2020/12/26	17:17:37	6,818	-73,202	143,0	3,0	Zapatoca, Santander
1630	2020/12/26	18:03:19	6,813	-73,133	137,0	2,0	Los Santos, Santander
1631	2020/12/26	18:09:02	8,7	-73,964	84,0	2,2	San Martín de Loba, Bolívar
1632	2020/12/26	19:13:00	4,856	-76,535	40,0	1,8	Nóvita, Chocó
1633	2020/12/26	21:00:58	6,824	-73,127	140,0	2,7	Los Santos, Santander
1634	2020/12/26	21:04:44	7,98	-73,36	116,0	1,9	San Martín, Cesar
1635	2020/12/26	21:22:20	4,969	-78,042	11,0	2,2	Océano Pacífico
1636	2020/12/26	21:33:58	9,92	-73,267	118,0	2,0	Agustín Codazzi, Cesar
1637	2020/12/27	01:09:50	6,798	-73,124	149,0	2,7	Los Santos, Santander
1638	2020/12/27	01:26:28	6,005	-73,488	0,0	1,5	Santana, Boyacá
1639	2020/12/27	02:26:51	6,853	-73,188	154,0	1,7	Zapatoca, Santander
1640	2020/12/27	03:21:32	6,825	-73,151	151,0	1,9	Los Santos, Santander
1641	2020/12/27	03:40:46	6,823	-73,189	138,0	2,6	Zapatoca, Santander
1642	2020/12/27	03:43:36	6,804	-73,405	124,0	1,5	San Vicente de Chucurí, Santander
1643	2020/12/27	04:04:49	3,4	-74,168	0,0	1,2	Mesetas, Meta
1644	2020/12/27	04:18:19	6,827	-73,309	123,0	1,5	Zapatoca, Santander
1645	2020/12/27	04:46:01	7,455	-74,838	21,0	1,3	Zaragoza, Antioquia
1646	2020/12/27	05:17:52	6,797	-73,174	146,0	1,6	Los Santos, Santander
1647	2020/12/27	05:27:26	11,331	-73,575	29,0	1,5	Mar Caribe
1648	2020/12/27	05:37:13	4,488	-75,711	4,0	1,7	Armenia, Quindío
1649	2020/12/27	06:00:22	5,49	-76,227	36,0	1,9	Bagadó, Chocó
1650	2020/12/27	06:36:23	6,853	-73,143	145,0	1,8	Los Santos, Santander
1651	2020/12/27	06:40:23	6,026	-73,65	117,0	1,5	Chipatá, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1652	2020/12/27	06:47:20	6,81	-73,19	134,0	1,6	Zapatoca, Santander
1653	2020/12/27	06:55:45	5,905	-73,531	127,0	1,4	Togüí, Boyacá
1654	2020/12/27	07:22:44	5,499	-72,432	0,0	2,8	Yopal, Casanare
1655	2020/12/27	07:24:53	3,422	-74,153	0,0	2,4	Mesetas, Meta
1656	2020/12/27	07:47:43	5,986	-75,933	35,0	0,8	Concordia, Antioquia
1657	2020/12/27	08:00:20	6,798	-73,14	152,0	3,7	Los Santos, Santander
1658	2020/12/27	08:09:20	5,576	-74,199	97,0	1,1	Quípama, Boyacá
1659	2020/12/27	08:19:52	5,251	-73,71	145,0	1,7	Lenguazaque, Cundinamarca
1660	2020/12/27	08:23:22	6,598	-73,52	110,0	1,9	El Carmen, Santander
1661	2020/12/27	08:58:18	5,31	-75,45	17,0	0,5	Salamina, Caldas
1662	2020/12/27	09:07:17	6,682	-73,184	134,0	1,7	Villanueva, Santander
1663	2020/12/27	10:13:16	6,787	-73,196	149,0	1,5	Los Santos, Santander
1664	2020/12/27	11:33:59	6,773	-73,2	134,0	1,6	Zapatoca, Santander
1665	2020/12/27	12:36:33	6,758	-73,159	133,0	2,1	Los Santos, Santander
1666	2020/12/27	14:25:13	6,822	-73,201	146,0	1,5	Zapatoca, Santander
1667	2020/12/27	14:47:23	8,324	-73,133	156,0	2,4	Hacarí, Norte de Santander
1668	2020/12/27	16:03:18	6,574	-76,024	7,0	1,4	Abriquí, Antioquia
1669	2020/12/27	17:56:07	5,122	-74,749	21,0	1,3	Honda, Tolima
1670	2020/12/27	17:57:44	6,732	-73,141	139,0	2,0	Los Santos, Santander
1671	2020/12/27	19:02:14	7,17	-77,304	70,0	2,2	Riosucio, Chocó
1672	2020/12/27	19:27:42	6,348	-73,664	97,0	1,8	La Paz, Santander
1673	2020/12/27	19:58:12	6,529	-73,362	144,0	3,1	Hato, Santander
1674	2020/12/27	20:03:54	2,324	-75,589	26,0	1,7	Gigante, Huila
1675	2020/12/27	20:28:20	6,326	-74,424	13,0	1,8	Cimitarra, Santander
1676	2020/12/27	20:38:02	4,812	-74,642	33,0	1,3	San Juan de Rioseco, Cundinamarca
1677	2020/12/27	21:03:33	2,462	-75,492	32,0	2,1	Gigante, Huila
1678	2020/12/27	21:37:03	5,924	-77,614	13,0	2,3	Océano Pacifico
1679	2020/12/27	21:45:08	6,814	-73,196	154,0	1,8	Zapatoca, Santander
1680	2020/12/27	22:05:59	6,783	-73,146	140,0	2,6	Los Santos, Santander
1681	2020/12/27	22:23:10	10,248	-73,009	140,0	2,1	La Paz, Cesar
1682	2020/12/27	22:50:07	5,265	-73,798	146,0	2,0	Ubaté, Cundinamarca
1683	2020/12/27	22:54:26	6,771	-73,141	138,0	1,8	Los Santos, Santander
1684	2020/12/27	23:10:46	5,406	-73,807	143,0	1,8	Susa, Cundinamarca
1685	2020/12/27	23:29:40	6,775	-73,133	133,0	1,9	Los Santos, Santander
1686	2020/12/27	23:35:23	7,447	-73,726	89,0	1,3	Sabana de Torres, Santander
1687	2020/12/28	00:04:35	1,19	-77,32	4,0	2,4	Área de Influencia Volcán Galeras
1688	2020/12/28	00:19:34	6,787	-73,103	139,0	2,1	Los Santos, Santander
1689	2020/12/28	00:56:11	6,728	-73,103	139,0	1,8	Los Santos, Santander
1690	2020/12/28	01:37:51	3,535	-82,491	0,0	2,8	Océano Pacifico
1691	2020/12/28	02:04:32	5,721	-73,975	104,0	1,3	Tununguá, Boyacá
1692	2020/12/28	02:08:08	3,861	-75,672	16,0	1,3	Chaparral, Tolima
1693	2020/12/28	02:15:57	6,824	-73,183	147,0	2,9	Zapatoca, Santander
1694	2020/12/28	02:26:03	3,958	-75,55	12,0	1,1	San Antonio, Tolima
1695	2020/12/28	02:26:58	6,839	-73,125	146,0	2,3	Los Santos, Santander
1696	2020/12/28	02:34:00	6,816	-73,136	143,0	2,2	Los Santos, Santander
1697	2020/12/28	03:16:49	5,272	-76,421	72,0	1,6	Tadó, Chocó

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1698	2020/12/28	03:17:52	2,432	-76,077	16,0	1,5	Inzá, Cauca
1699	2020/12/28	03:27:30	7,432	-73,203	139,0	1,8	Rionegro, Santander
1700	2020/12/28	03:32:02	6,906	-76,172	8,0	1,3	Uramita, Antioquia
1701	2020/12/28	03:32:33	6,348	-73,54	124,0	1,5	Santa Helena del Opón, Santander
1702	2020/12/28	03:55:56	7,567	-75,342	52,0	1,5	Cáceres, Antioquia
1703	2020/12/28	04:16:48	6,775	-73,054	152,0	1,7	Los Santos, Santander
1704	2020/12/28	04:25:14	3,396	-76,137	13,0	1,3	Pradera, Valle del Cauca
1705	2020/12/28	04:25:23	6,097	-73,947	36,0	0,7	El Peñón, Santander
1706	2020/12/28	04:27:51	6,768	-73,162	154,0	1,7	Los Santos, Santander
1707	2020/12/28	04:28:19	4,076	-76,93	66,0	1,5	Buenaventura, Valle del Cauca
1708	2020/12/28	04:33:49	6,05	-76,551	36,0	2,2	Medio Atrato (Beté), Chocó
1709	2020/12/28	04:47:38	3,642	-76,38	146,0	1,2	Palmira, Valle del Cauca
1710	2020/12/28	04:51:32	5,707	-72,685	19,0	1,4	Mongua, Boyacá
1711	2020/12/28	05:04:13	6,723	-73,198	142,0	1,4	Villanueva, Santander
1712	2020/12/28	05:31:49	6,284	-73,662	116,0	1,4	La Paz, Santander
1713	2020/12/28	05:43:59	6,839	-73,086	148,0	2,1	Los Santos, Santander
1714	2020/12/28	06:21:13	6,052	-73,681	115,0	2,3	Chipatá, Santander
1715	2020/12/28	06:29:56	6,809	-73,169	140,0	1,5	Los Santos, Santander
1716	2020/12/28	06:32:16	5,512	-75,819	16,0	0,4	Jardín, Antioquia
1717	2020/12/28	06:47:27	5,991	-73,52	112,0	1,3	San José de Pare, Boyacá
1718	2020/12/28	06:52:53	6,792	-73,146	146,0	1,8	Los Santos, Santander
1719	2020/12/28	07:02:34	5,3	-75,711	1,0	0,5	Quinchía, Risaralda
1720	2020/12/28	07:13:28	5,228	-73,796	151,0	1,4	Cucunubá, Cundinamarca
1721	2020/12/28	07:41:55	6,809	-73,155	154,0	1,9	Los Santos, Santander
1722	2020/12/28	07:48:49	6,813	-73,067	150,0	1,9	Los Santos, Santander
1723	2020/12/28	08:37:21	6,146	-74,397	16,0	0,9	Cimitarra, Santander
1724	2020/12/28	08:39:10	6,736	-73,187	147,0	1,3	Villanueva, Santander
1725	2020/12/28	09:10:57	5,645	-76,109	59,0	0,9	Bagadó, Chocó
1726	2020/12/28	09:39:28	4,049	-76,658	66,0	1,3	El Litoral del San Juan (Docordó), Chocó
1727	2020/12/28	09:41:26	5,213	-76,485	75,0	1,6	Rio Iró (Santa Rita), Chocó
1728	2020/12/28	10:10:50	6,68	-73,608	111,0	1,3	El Carmen, Santander
1729	2020/12/28	10:16:19	6,795	-73,144	147,0	1,9	Los Santos, Santander
1730	2020/12/28	10:28:49	5,709	-72,525	4,0	1,8	Pisva, Boyacá
1731	2020/12/28	10:31:43	6,828	-73,11	140,0	1,9	Los Santos, Santander
1732	2020/12/28	10:48:10	5,267	-73,699	148,0	1,9	Lenguazaque, Cundinamarca
1733	2020/12/28	11:00:03	2,077	-77,171	112,0	1,6	Balboa, Cauca
1734	2020/12/28	12:04:17	3,461	-74,205	8,0	0,9	Mesetas, Meta
1735	2020/12/28	12:37:38	7,039	-76,243	14,0	1,2	Dabeiba, Antioquia
1736	2020/12/28	12:59:13	6,738	-76,718	17,0	1,7	Murindó, Antioquia
1737	2020/12/28	13:01:11	6,863	-73,076	152,0	1,6	Los Santos, Santander
1738	2020/12/28	13:05:41	6,802	-73,119	141,0	1,8	Los Santos, Santander
1739	2020/12/28	13:51:33	2,513	-75,53	24,0	1,1	Gigante, Huila
1740	2020/12/28	14:19:16	6,786	-73,16	139,0	2,4	Los Santos, Santander
1741	2020/12/28	14:42:02	4,902	-75,322	3,0	3,6	Área de Influencia Volcán Nevado del Ruiz
1742	2020/12/28	15:05:28	6,824	-73,202	151,0	2,7	Zapatoca, Santander
1743	2020/12/28	15:27:49	4,872	-75,346	0,0	1,1	Villamaria, Caldas

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1744	2020/12/28	15:38:20	6,8	-73,107	137,0	2,2	Los Santos, Santander
1745	2020/12/28	16:42:57	6,741	-73,099	138,0	1,9	Los Santos, Santander
1746	2020/12/28	17:23:14	6,787	-73,086	137,0	2,1	Los Santos, Santander
1747	2020/12/28	17:33:40	6,719	-73,692	137,0	1,8	El Carmen, Santander
1748	2020/12/28	17:51:07	6,294	-75,83	0,0	1,1	Ebéjico, Antioquia
1749	2020/12/28	18:07:59	7,466	-73,174	134,0	2,2	El Playón, Santander
1750	2020/12/28	18:12:24	5,841	-72,906	0,0	1,3	Floresta, Boyacá
1751	2020/12/28	18:47:23	6,59	-74,139	24,0	1,5	Cimitarra, Santander
1752	2020/12/28	19:48:52	6,869	-73,204	145,0	1,8	Zapatoca, Santander
1753	2020/12/28	20:00:26	6,919	-73,065	144,0	1,8	Piedecuesta, Santander
1754	2020/12/28	20:15:09	6,695	-73,35	127,0	1,6	Galán, Santander
1755	2020/12/28	20:16:30	3,75	-77,077	31,0	2,3	Buenaventura, Valle del Cauca
1756	2020/12/28	20:34:00	7,567	-73,3	137,0	1,6	Cáchira, Norte de Santander
1757	2020/12/28	21:20:40	7,406	-72,906	55,0	1,6	Suratá, Santander
1758	2020/12/28	21:35:55	3,429	-74,168	10,0	2,1	Mesetas, Meta
1759	2020/12/28	21:45:04	6,88	-73,098	147,0	1,7	Los Santos, Santander
1760	2020/12/28	21:47:36	3,574	-77,409	48,0	4,4	Océano Pacífico
1761	2020/12/28	22:05:29	6,446	-73,672	19,0	1,3	Vélez, Santander
1762	2020/12/28	22:22:42	6,642	-73,306	165,0	1,7	Galán, Santander
1763	2020/12/28	22:46:09	2,344	-75,523	31,0	1,6	Gigante, Huila
1764	2020/12/28	23:03:33	6,777	-73,144	149,0	1,7	Los Santos, Santander
1765	2020/12/28	23:20:12	6,424	-73,698	1,0	1,6	Landázuri, Santander
1766	2020/12/28	23:52:07	6,434	-73,694	0,0	1,9	Vélez, Santander
1767	2020/12/29	00:27:24	5,303	-73,736	139,0	2,1	Lenguazaque, Cundinamarca
1768	2020/12/29	00:51:59	6,879	-73,12	154,0	1,9	Los Santos, Santander
1769	2020/12/29	01:02:24	5,579	-74,137	104,0	1,6	Muzo, Boyacá
1770	2020/12/29	01:06:44	6,715	-73,146	135,0	2,0	Jordán, Santander
1771	2020/12/29	01:13:36	3,474	-74,616	19,0	1,7	Uribe, Meta
1772	2020/12/29	01:33:15	6,71	-73,144	143,0	1,7	Jordán, Santander
1773	2020/12/29	01:39:28	6,856	-73,135	150,0	2,2	Los Santos, Santander
1774	2020/12/29	01:40:48	8,257	-72,482	0,0	2,4	Cúcuta, Norte de Santander
1775	2020/12/29	01:46:37	5,26	-73,699	149,0	2,9	Lenguazaque, Cundinamarca
1776	2020/12/29	02:15:15	6,108	-73,529	123,0	1,3	San Benito, Santander
1777	2020/12/29	02:24:31	6,824	-73,246	138,0	1,8	Zapatoca, Santander
1778	2020/12/29	03:01:19	6,818	-73,202	154,0	1,8	Zapatoca, Santander
1779	2020/12/29	03:08:09	4,7	-76,337	96,0	1,7	Sipí, Chocó
1780	2020/12/29	03:18:46	6,715	-73,158	132,0	1,7	Villanueva, Santander
1781	2020/12/29	03:56:38	6,821	-73,174	143,0	1,9	Los Santos, Santander
1782	2020/12/29	03:58:41	1,96	-75,916	14,0	1,6	Timaná, Huila
1783	2020/12/29	04:06:29	5,804	-73,716	124,0	1,2	Puente Nacional, Santander
1784	2020/12/29	04:13:21	6,685	-73,192	141,0	1,4	Barichara, Santander
1785	2020/12/29	04:19:44	1,966	-75,916	13,0	0,4	Timaná, Huila
1786	2020/12/29	04:20:37	6,844	-76,786	10,0	1,1	Murindó, Antioquia
1787	2020/12/29	04:28:07	2,676	-75,791	28,0	0,7	Páez (Belalcázar), Cauca
1788	2020/12/29	04:43:42	7,206	-73,96	8,0	1,0	Yondó (Casabe), Antioquia
1789	2020/12/29	05:01:26	6,798	-73,148	144,0	1,9	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1790	2020/12/29	05:02:50	4,717	-76,195	123,0	1,9	El Cairo, Valle del Cauca
1791	2020/12/29	05:21:42	1,878	-76,037	19,0	1,2	Pitalito, Huila
1792	2020/12/29	05:46:19	6,857	-73,076	150,0	1,6	Los Santos, Santander
1793	2020/12/29	05:53:09	6,792	-73,128	149,0	1,4	Los Santos, Santander
1794	2020/12/29	05:53:38	4,978	-74,692	20,0	0,7	Chaguaní, Cundinamarca
1795	2020/12/29	06:44:16	6,758	-73,191	146,0	1,5	Villanueva, Santander
1796	2020/12/29	06:50:32	6,047	-74,271	18,0	1,0	Puerto Boyacá, Boyacá
1797	2020/12/29	07:07:38	6,205	-72,102	0,0	2,8	Tame, Arauca
1798	2020/12/29	07:28:50	6,108	-73,709	113,0	1,5	Vélez, Santander
1799	2020/12/29	07:35:23	4,908	-77,612	6,0	2,9	Océano Pacífico
1800	2020/12/29	08:00:21	5,245	-73,7	150,0	1,5	Lenguazaque, Cundinamarca
1801	2020/12/29	08:13:57	6,815	-73,158	139,0	1,4	Los Santos, Santander
1802	2020/12/29	08:29:11	4,807	-77,563	38,0	1,6	Océano Pacífico
1803	2020/12/29	08:48:03	6,811	-73,147	148,0	1,9	Los Santos, Santander
1804	2020/12/29	09:28:12	6,812	-73,149	139,0	2,1	Los Santos, Santander
1805	2020/12/29	09:45:28	4,0	-76,316	115,0	1,4	Yotoco, Valle del Cauca
1806	2020/12/29	09:48:26	6,796	-73,088	148,0	1,5	Los Santos, Santander
1807	2020/12/29	10:04:57	6,818	-73,167	147,0	1,9	Los Santos, Santander
1808	2020/12/29	10:16:59	6,824	-73,152	146,0	2,7	Los Santos, Santander
1809	2020/12/29	10:22:04	3,487	-74,218	13,0	0,9	Mesetas, Meta
1810	2020/12/29	10:38:17	6,017	-75,84	27,0	0,7	Titiribí, Antioquia
1811	2020/12/29	11:18:08	6,868	-73,152	144,0	1,5	Los Santos, Santander
1812	2020/12/29	11:31:35	3,488	-74,524	16,0	2,3	Uribe, Meta
1813	2020/12/29	11:49:33	6,786	-73,143	145,0	2,0	Los Santos, Santander
1814	2020/12/29	12:17:31	6,786	-73,143	143,0	1,8	Los Santos, Santander
1815	2020/12/29	12:46:43	2,921	-74,796	28,0	1,5	San Vicente del Caguán, Caquetá
1816	2020/12/29	13:50:34	6,78	-73,145	141,0	1,5	Los Santos, Santander
1817	2020/12/29	13:56:47	6,556	-74,183	30,0	1,3	Cimitarra, Santander
1818	2020/12/29	15:09:03	6,745	-73,167	138,0	1,8	Los Santos, Santander
1819	2020/12/29	15:10:06	6,711	-73,163	136,0	2,1	Villanueva, Santander
1820	2020/12/29	15:23:56	4,792	-76,163	102,0	1,3	El Cairo, Valle del Cauca
1821	2020/12/29	15:34:29	6,804	-73,184	145,0	1,9	Los Santos, Santander
1822	2020/12/29	15:47:13	5,654	-73,809	132,0	1,5	Saboyá, Boyacá
1823	2020/12/29	17:14:53	5,955	-74,894	19,0	0,9	San Luis, Antioquia
1824	2020/12/29	17:27:45	6,83	-73,189	147,0	1,7	Zapatoca, Santander
1825	2020/12/29	17:43:38	6,797	-76,71	33,0	1,9	Murindó, Antioquia
1826	2020/12/29	17:46:54	10,786	-73,428	76,0	1,6	Valledupar, Cesar
1827	2020/12/29	18:02:47	6,773	-73,191	143,0	2,0	Los Santos, Santander
1828	2020/12/29	18:26:29	4,931	-82,458	0,0	4,4	Océano Pacífico
1829	2020/12/29	18:26:52	7,28	-76,17	11,0	1,4	Ituango, Antioquia
1830	2020/12/29	18:27:29	6,746	-73,153	134,0	2,4	Los Santos, Santander
1831	2020/12/29	18:56:44	4,505	-75,266	4,0	0,8	Ibagué, Tolima
1832	2020/12/29	19:28:16	7,088	-73,027	153,0	1,7	Floridablanca, Santander
1833	2020/12/29	19:49:28	2,665	-75,081	28,0	1,5	San Vicente del Caguán, Caquetá
1834	2020/12/29	20:15:13	3,539	-76,578	13,0	1,3	Yumbo, Valle del Cauca
1835	2020/12/29	21:03:35	6,852	-73,061	143,0	1,9	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1836	2020/12/29	21:14:32	2,109	-75,678	26,0	1,6	Garzón, Huila
1837	2020/12/29	21:22:43	6,771	-73,176	141,0	1,9	Los Santos, Santander
1838	2020/12/29	21:29:43	6,844	-73,321	131,0	1,6	Zapatoca, Santander
1839	2020/12/29	21:56:39	2,918	-74,81	36,0	1,3	San Vicente del Caguán, Caquetá
1840	2020/12/29	22:06:18	6,778	-73,183	154,0	3,2	Los Santos, Santander
1841	2020/12/29	22:09:34	4,867	-74,572	14,0	0,9	Vianí, Cundinamarca
1842	2020/12/29	22:20:56	2,204	-75,523	27,0	1,2	Garzón, Huila
1843	2020/12/29	23:05:52	6,868	-76,654	18,0	1,4	Murindó, Antioquia
1844	2020/12/29	23:22:43	3,485	-74,202	10,0	1,1	Mesetas, Meta
1845	2020/12/29	23:23:54	6,855	-73,338	126,0	1,5	Zapatoca, Santander
1846	2020/12/29	23:38:58	6,368	-74,841	12,0	1,1	San Roque, Antioquia
1847	2020/12/30	00:04:05	6,85	-73,183	145,0	1,8	Zapatoca, Santander
1848	2020/12/30	01:44:31	6,805	-73,102	145,0	1,7	Los Santos, Santander
1849	2020/12/30	02:16:22	2,815	-76,678	133,0	1,5	Morales, Cauca
1850	2020/12/30	03:50:44	6,907	-76,574	24,0	2,0	Murindó, Antioquia
1851	2020/12/30	04:03:17	1,854	-76,031	30,0	0,8	Pitalito, Huila
1852	2020/12/30	04:16:45	5,106	-74,724	22,0	2,0	Honda, Tolima
1853	2020/12/30	04:21:05	7,826	-73,816	84,0	1,3	Puerto Wilches, Santander
1854	2020/12/30	04:39:19	7,436	-77,869	0,0	2,4	Panama-Colombia
1855	2020/12/30	04:57:18	6,787	-73,167	134,0	1,7	Los Santos, Santander
1856	2020/12/30	05:13:50	6,762	-73,12	138,0	1,8	Los Santos, Santander
1857	2020/12/30	05:16:52	6,787	-73,137	140,0	2,1	Los Santos, Santander
1858	2020/12/30	05:33:57	6,93	-72,604	149,0	1,7	Cerrito, Santander
1859	2020/12/30	05:51:29	4,507	-76,493	60,0	1,2	Sipí, Chocó
1860	2020/12/30	06:25:27	6,784	-73,145	139,0	2,3	Los Santos, Santander
1861	2020/12/30	07:31:47	7,124	-76,04	0,0	1,2	Dabeiba, Antioquia
1862	2020/12/30	07:43:01	6,42	-76,768	53,0	1,4	Vigia del Fuerte, Antioquia
1863	2020/12/30	07:48:29	6,795	-73,187	143,0	1,6	Los Santos, Santander
1864	2020/12/30	08:22:38	6,783	-73,073	145,0	1,8	Los Santos, Santander
1865	2020/12/30	08:39:55	5,104	-77,597	10,0	1,8	Océano Pacifico
1866	2020/12/30	08:43:32	6,83	-73,506	102,0	1,3	San Vicente de Chucurí, Santander
1867	2020/12/30	08:53:28	7,49	-73,116	130,0	1,7	El Playón, Santander
1868	2020/12/30	09:01:16	4,555	-76,542	82,0	2,0	Sipí, Chocó
1869	2020/12/30	09:01:57	6,917	-73,406	113,0	1,4	San Vicente de Chucurí, Santander
1870	2020/12/30	09:37:41	4,874	-76,214	121,0	1,4	San José del Palmar, Chocó
1871	2020/12/30	09:40:25	7,019	-74,031	81,0	1,2	Yondó (Casabe), Antioquia
1872	2020/12/30	10:00:45	4,269	-77,147	5,0	1,4	El Litoral del San Juan (Docordó), Chocó
1873	2020/12/30	10:35:39	6,746	-72,026	80,0	1,7	Fortul, Arauca
1874	2020/12/30	12:06:05	6,754	-73,12	134,0	2,0	Los Santos, Santander
1875	2020/12/30	12:12:06	6,688	-73,233	136,0	1,8	Barichara, Santander
1876	2020/12/30	13:02:47	8,227	-73,201	126,0	2,0	La Playa, Norte de Santander
1877	2020/12/30	13:20:34	6,771	-73,137	145,0	2,6	Los Santos, Santander
1878	2020/12/30	13:42:02	6,762	-73,099	141,0	2,4	Los Santos, Santander
1879	2020/12/30	13:54:58	5,481	-77,578	21,0	2,5	Océano Pacifico
1880	2020/12/30	14:00:04	6,747	-73,11	148,0	1,9	Los Santos, Santander
1881	2020/12/30	14:14:27	7,031	-73,466	116,0	2,0	Betulia, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1882	2020/12/30	14:50:02	7,483	-74,084	5,0	1,5	San Pablo, Bolívar
1883	2020/12/30	15:27:41	7,731	-78,276	3,0	2,8	Panama
1884	2020/12/30	15:44:57	4,411	-75,957	23,0	1,5	La Victoria, Valle del Cauca
1885	2020/12/30	15:51:58	9,064	-77,453	19,0	2,1	Cerca de la Costa de Colombia
1886	2020/12/30	15:55:35	6,392	-73,442	122,0	1,5	Chima, Santander
1887	2020/12/30	16:03:38	9,027	-72,887	169,0	1,9	Tibú, Norte de Santander
1888	2020/12/30	16:31:42	6,785	-73,128	147,0	2,3	Los Santos, Santander
1889	2020/12/30	16:43:04	8,208	-73,198	121,0	1,9	La Playa, Norte de Santander
1890	2020/12/30	17:43:38	6,756	-73,152	150,0	1,6	Los Santos, Santander
1891	2020/12/30	17:56:14	6,806	-73,134	147,0	1,6	Los Santos, Santander
1892	2020/12/30	18:50:13	6,758	-73,17	139,0	1,8	Los Santos, Santander
1893	2020/12/30	18:56:45	6,013	-73,685	116,0	1,5	Vélez, Santander
1894	2020/12/30	19:17:00	5,906	-73,593	126,0	1,6	Moniquirá, Boyacá
1895	2020/12/30	19:46:49	7,446	-73,216	123,0	1,7	El Playón, Santander
1896	2020/12/30	20:29:32	2,245	-75,916	20,0	1,2	La Argentina, Huila
1897	2020/12/30	21:53:47	3,497	-74,215	9,0	1,2	Mesetas, Meta
1898	2020/12/30	21:55:28	5,059	-74,692	18,0	0,5	Guaduas, Cundinamarca
1899	2020/12/30	22:18:27	6,74	-73,149	143,0	1,6	Los Santos, Santander
1900	2020/12/30	22:27:19	6,81	-73,16	149,0	2,3	Los Santos, Santander
1901	2020/12/31	01:19:52	7,125	-76,034	0,0	1,3	Dabeiba, Antioquia
1902	2020/12/31	01:21:47	6,868	-76,174	20,0	2,0	Uramita, Antioquia
1903	2020/12/31	01:46:04	6,724	-73,133	136,0	2,0	Jordán, Santander
1904	2020/12/31	01:57:35	6,824	-73,123	141,0	2,4	Los Santos, Santander
1905	2020/12/31	02:41:02	6,792	-73,11	152,0	1,8	Los Santos, Santander
1906	2020/12/31	03:06:36	6,844	-73,324	126,0	1,5	Zapatoca, Santander
1907	2020/12/31	03:26:35	7,48	-73,155	133,0	1,9	El Playón, Santander
1908	2020/12/31	03:36:34	6,838	-73,155	131,0	1,7	Los Santos, Santander
1909	2020/12/31	03:38:49	6,771	-73,145	144,0	1,7	Los Santos, Santander
1910	2020/12/31	03:56:24	5,523	-73,935	113,0	2,0	Buenavista, Boyacá
1911	2020/12/31	04:03:55	6,447	-78,183	15,0	1,9	Océano Pacífico
1912	2020/12/31	04:18:43	3,512	-76,208	126,0	1,0	Palmira, Valle del Cauca
1913	2020/12/31	04:30:04	5,122	-76,175	102,0	1,6	San José del Palmar, Chocó
1914	2020/12/31	04:42:59	6,755	-73,16	134,0	1,5	Los Santos, Santander
1915	2020/12/31	04:56:13	2,356	-75,678	20,0	1,3	Paicol, Huila
1916	2020/12/31	04:59:51	6,799	-73,168	143,0	1,7	Los Santos, Santander
1917	2020/12/31	05:04:33	3,274	-78,044	0,0	1,6	Océano Pacífico
1918	2020/12/31	05:06:03	6,748	-73,13	152,0	1,5	Los Santos, Santander
1919	2020/12/31	05:17:31	3,472	-74,177	11,0	1,4	Mesetas, Meta
1920	2020/12/31	05:22:40	5,221	-76,442	92,0	1,2	Rio Iró (Santa Rita), Chocó
1921	2020/12/31	05:29:28	6,82	-73,138	148,0	2,6	Los Santos, Santander
1922	2020/12/31	05:36:26	6,813	-73,129	152,0	2,4	Los Santos, Santander
1923	2020/12/31	05:39:32	3,896	-71,548	0,0	2,0	Puerto Gaitán, Meta
1924	2020/12/31	06:10:04	7,896	-74,218	23,0	1,1	Santa Rosa del Sur, Bolívar
1925	2020/12/31	06:21:19	7,062	-76,172	11,0	0,9	Dabeiba, Antioquia
1926	2020/12/31	06:23:22	6,839	-76,209	18,0	0,9	Frontino, Antioquia
1927	2020/12/31	06:28:07	6,847	-76,178	16,0	1,2	Uramita, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1928	2020/12/31	06:28:11	3,961	-76,879	0,0	0,9	Buenaventura, Valle del Cauca
1929	2020/12/31	06:32:09	6,657	-73,204	143,0	1,6	Barichara, Santander
1930	2020/12/31	06:32:32	7,682	-73,434	111,0	1,7	La Esperanza, Norte de Santander
1931	2020/12/31	06:33:31	5,043	-75,855	112,0	1,0	Viterbo, Caldas
1932	2020/12/31	06:49:25	7,07	-74,739	16,0	0,9	Remedios, Antioquia
1933	2020/12/31	07:20:20	6,738	-73,184	142,0	1,1	Villanueva, Santander
1934	2020/12/31	07:29:05	6,776	-73,173	150,0	1,6	Los Santos, Santander
1935	2020/12/31	07:33:51	6,916	-73,136	148,0	1,9	Girón, Santander
1936	2020/12/31	07:38:16	6,81	-73,179	142,0	1,6	Los Santos, Santander
1937	2020/12/31	07:53:16	6,804	-73,123	147,0	2,2	Los Santos, Santander
1938	2020/12/31	08:03:08	6,609	-73,573	107,0	1,4	El Carmen, Santander
1939	2020/12/31	08:27:02	6,782	-73,126	149,0	1,5	Los Santos, Santander
1940	2020/12/31	08:42:20	6,069	-76,234	53,0	0,8	Quibdó, Chocó
1941	2020/12/31	08:44:12	6,809	-73,148	153,0	2,5	Los Santos, Santander
1942	2020/12/31	08:58:32	6,788	-73,141	144,0	1,6	Los Santos, Santander
1943	2020/12/31	09:00:52	10,18	-72,795	7,0	1,8	Venezuela
1944	2020/12/31	09:24:13	9,658	-73,5	21,0	1,1	El Paso, Cesar
1945	2020/12/31	09:29:06	6,338	-76,699	32,0	1,8	Vigia del Fuerte, Antioquia
1946	2020/12/31	09:30:17	6,113	-76,547	52,0	1,4	Medio Atrato (Beté), Chocó
1947	2020/12/31	09:30:51	6,789	-73,134	141,0	1,5	Los Santos, Santander
1948	2020/12/31	09:39:33	5,106	-74,75	25,0	1,2	Honda, Tolima
1949	2020/12/31	09:46:49	5,235	-73,722	148,0	1,8	Cucunubá, Cundinamarca
1950	2020/12/31	10:02:44	3,495	-74,213	10,0	1,1	Mesetas, Meta
1951	2020/12/31	10:15:14	6,791	-73,145	157,0	3,5	Los Santos, Santander
1952	2020/12/31	10:24:14	6,746	-73,149	149,0	1,8	Los Santos, Santander
1953	2020/12/31	10:33:02	7,643	-74,764	56,0	1,0	El Bagre, Antioquia
1954	2020/12/31	10:35:50	6,797	-76,703	13,0	1,4	Murindó, Antioquia
1955	2020/12/31	11:12:37	5,191	-75,4	114,0	1,2	Neira, Caldas
1956	2020/12/31	11:47:00	4,755	-76,772	57,0	1,3	Sipí, Chocó
1957	2020/12/31	11:52:30	5,598	-73,47	141,0	1,6	Chíquiza, Boyacá
1958	2020/12/31	12:34:12	6,801	-73,206	148,0	1,9	Zapatoca, Santander
1959	2020/12/31	13:04:19	10,476	-73,372	83,0	1,6	Valledupar, Cesar
1960	2020/12/31	13:34:32	3,249	-74,554	31,0	1,1	Uribe, Meta
1961	2020/12/31	13:52:42	4,259	-76,59	61,0	2,7	El Litoral del San Juan (Docordó), Chocó
1962	2020/12/31	13:59:01	6,548	-73,609	111,0	1,5	Simacota, Santander
1963	2020/12/31	14:50:34	6,821	-73,171	143,0	2,3	Los Santos, Santander
1964	2020/12/31	14:51:54	6,926	-74,672	12,0	1,2	Remedios, Antioquia
1965	2020/12/31	14:57:36	10,587	-73,401	86,0	1,8	Valledupar, Cesar
1966	2020/12/31	15:01:17	5,695	-73,828	116,0	1,6	Saboyá, Boyacá
1967	2020/12/31	15:21:02	6,66	-73,218	144,0	1,9	Barichara, Santander
1968	2020/12/31	15:41:39	2,335	-76,055	15,0	2,2	La Plata, Huila
1969	2020/12/31	15:58:44	6,775	-73,099	137,0	1,9	Los Santos, Santander
1970	2020/12/31	16:26:18	7,014	-74,194	4,0	1,1	Yondó (Casabe), Antioquia
1971	2020/12/31	17:14:22	6,762	-73,146	142,0	2,0	Los Santos, Santander
1972	2020/12/31	17:22:39	6,82	-73,086	149,0	1,7	Los Santos, Santander
1973	2020/12/31	17:45:21	7,984	-75,241	30,0	1,9	Caucasia, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1974	2020/12/31	18:12:10	7,041	-73,012	153,0	1,9	Piedecuesta, Santander
1975	2020/12/31	18:17:42	6,05	-73,688	115,0	1,9	Chipatá, Santander
1976	2020/12/31	18:23:35	6,806	-73,114	141,0	2,1	Los Santos, Santander
1977	2020/12/31	19:09:03	2,714	-74,979	32,0	3,3	San Vicente del Caguán, Caquetá
1978	2020/12/31	19:15:41	6,309	-75,19	15,0	1,1	Peñol, Antioquia
1979	2020/12/31	19:27:39	5,756	-73,918	107,0	1,9	Albania, Santander
1980	2020/12/31	19:43:55	6,804	-73,133	141,0	2,2	Los Santos, Santander
1981	2020/12/31	19:58:04	4,966	-72,798	12,0	2,0	Tauramena, Casanare
1982	2020/12/31	20:28:22	6,254	-73,124	181,0	1,9	Charalá, Santander
1983	2020/12/31	20:32:07	6,722	-73,122	135,0	2,1	Jordán, Santander
1984	2020/12/31	20:34:49	6,821	-73,154	141,0	1,9	Los Santos, Santander
1985	2020/12/31	21:45:39	6,78	-73,093	137,0	2,2	Los Santos, Santander
1986	2020/12/31	21:47:59	3,93	-76,193	119,0	1,6	San Pedro, Valle del Cauca
1987	2020/12/31	21:50:47	5,918	-74,883	0,0	1,5	San Francisco, Antioquia
1988	2020/12/31	22:14:28	5,891	-74,889	0,0	1,7	San Francisco, Antioquia
1989	2020/12/31	22:19:27	4,96	-76,401	87,0	2,8	San José del Palmar, Chocó
1990	2020/12/31	22:27:18	6,949	-76,686	25,0	1,9	Murindó, Antioquia
1991	2020/12/31	22:27:24	6,741	-73,094	137,0	2,1	Los Santos, Santander
1992	2020/12/31	22:47:39	6,764	-73,105	138,0	1,8	Los Santos, Santander
1993	2020/12/31	22:51:01	4,719	-76,297	112,0	1,4	Sipí, Chocó
1994	2020/12/31	23:04:57	6,541	-74,591	10,0	1,0	Puerto Berrío, Antioquia
1995	2020/12/31	23:28:36	6,762	-73,124	136,0	1,8	Los Santos, Santander
1996	2020/12/31	23:35:37	5,303	-73,721	136,0	2,3	Lenguazaque, Cundinamarca
1997	2020/12/31	23:39:56	6,822	-73,154	152,0	1,9	Los Santos, Santander
1998	2020/12/31	23:55:06	7,706	-72,94	155,0	2,0	Salazar, Norte de Santander

Tabla 3.2: Eventos durante diciembre de 2020

3.4 Mapa de sismicidad mensual diciembre de 2020

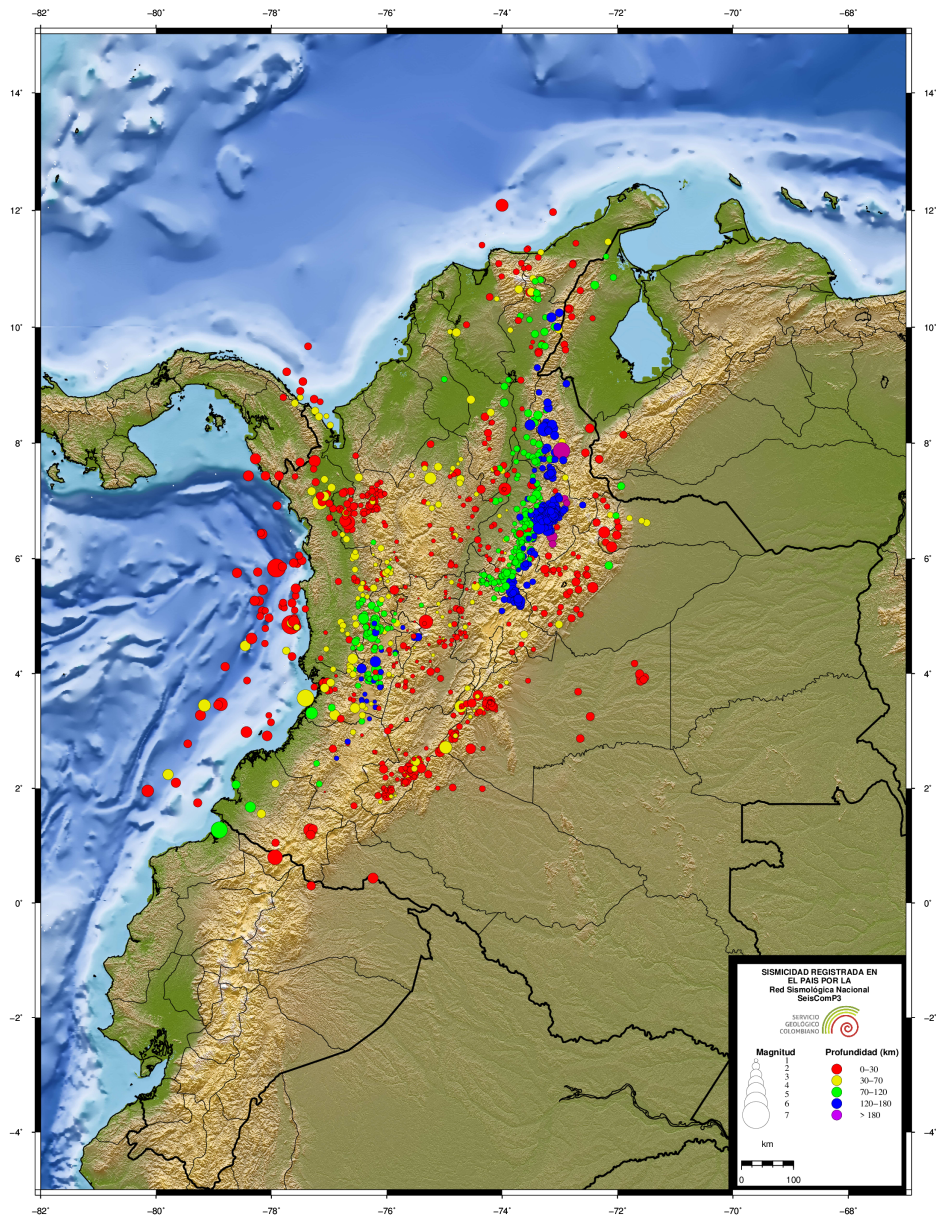


Figura 3.2: Eventos durante diciembre de 2020

4

ESTADÍSTICAS DE LA SISMICIDAD

4.1 Errores

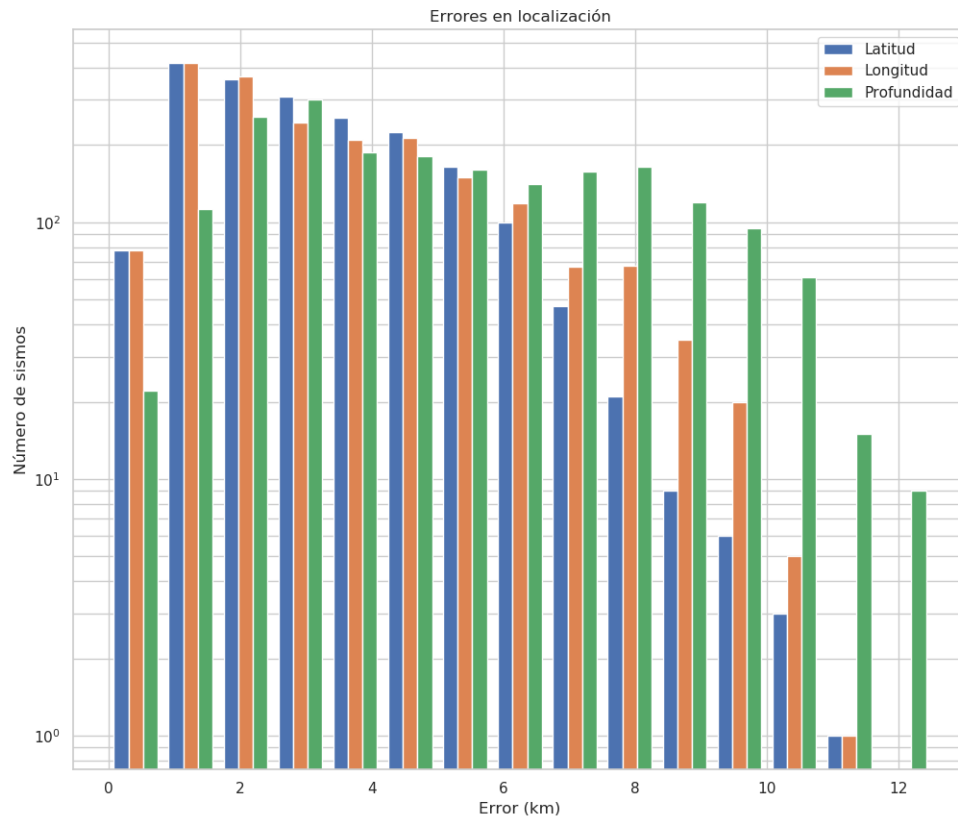


Figura 4.1: Error en latitud, longitud y profundidad (km)

4.2 Número de sismos

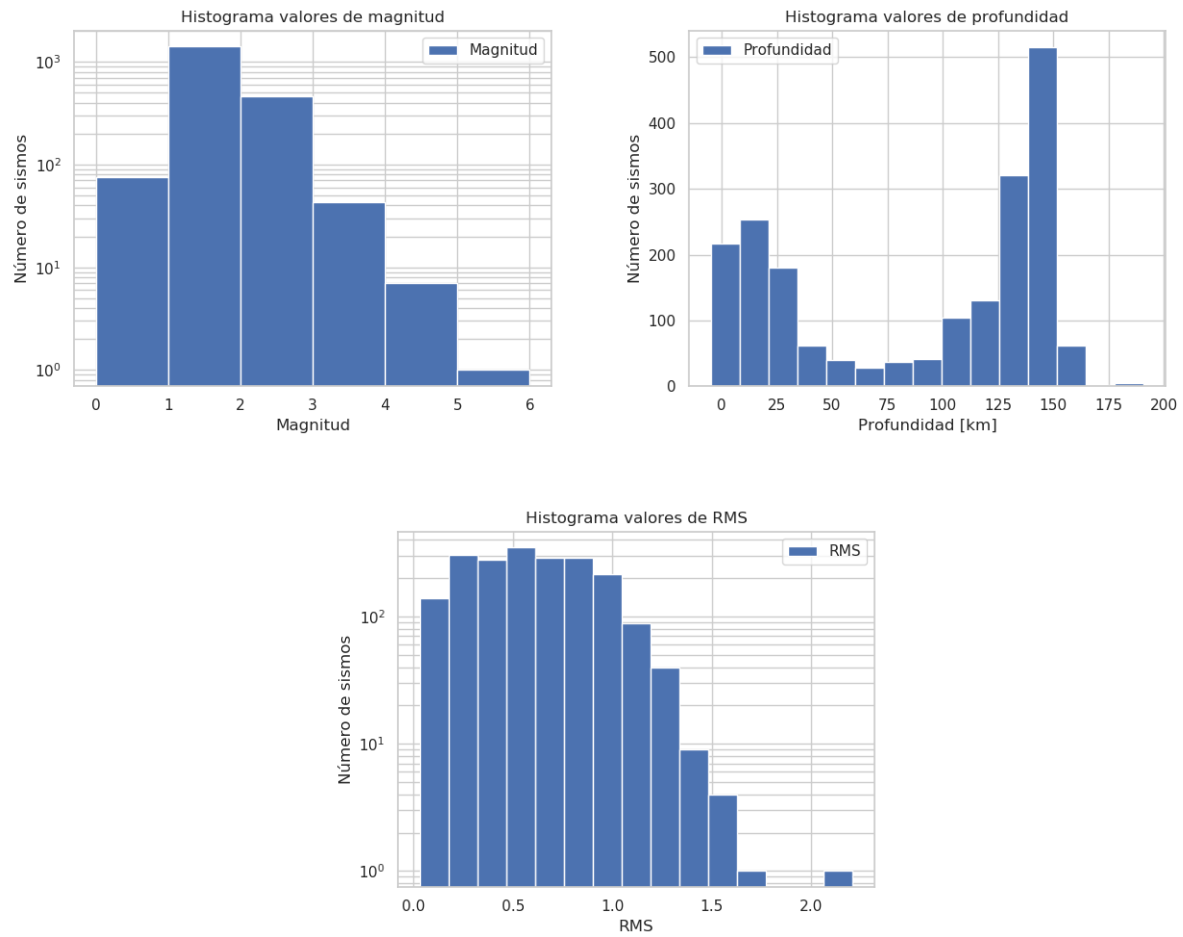


Figura 4.2: Número de eventos sísmicos por magnitud, profundidad y RMS.

4.3 Evolución Temporal

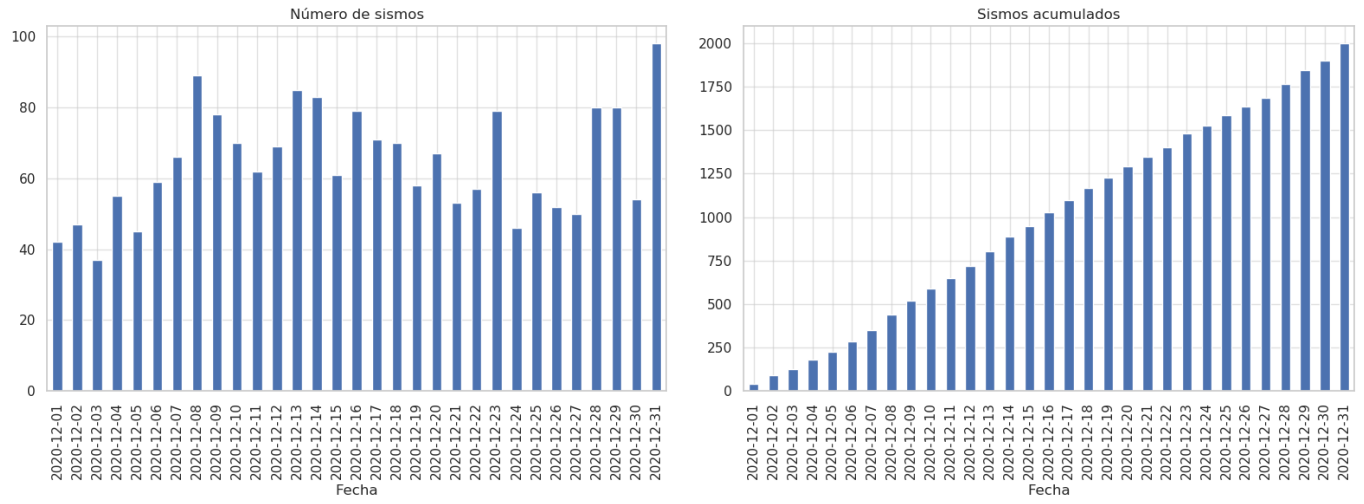


Figura 4.3: Número de eventos por días y acumulado por días

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