

BOLETÍN DE SISMOS

» Octubre de 2021

» Volumen 29, 10

Boletín de Sismos

Octubre de 2021

Servicio Geológico Colombiano

Bogotá, diciembre de 2021

BOLETÍN DE SISMOS

Publicado en diciembre de 2021

SERVICIO GEOLÓGICO COLOMBIANO

CONTENIDO

1	PRESENTACIÓN	5
2	Funcionamiento de las estaciones	7
2.1	Mapa de las estaciones	7
2.2	Histograma de funcionamiento de las estaciones	8
3	Sismicidad de octubre de 2021	9
3.1	Tabla de sismicidad destacada octubre de 2021	10
3.2	Mapa de sismicidad destacada octubre de 2021	11
3.3	Tabla de sismicidad mensual octubre de 2021	12
3.4	Mapa de sismicidad mensual octubre de 2021	49
4	Estadísticas de la sismicidad	50
4.1	Errores	50
4.2	Número de sismos	51
4.3	Evolución Temporal	52
	Referencias Bibliográficas	53

1

PRESENTACIÓN

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

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

Cordialmente,

M.Sc. Viviana Dionicio Lozano

Coordinadora

Grupo de evaluación y monitoreo de la actividad sísmica

Director General del SERVICIO GEOLÓGICO COLOMBIANO

Dr. Oscar Paredes Zapata

Directora técnica de Geoamenazas

Dra. Marta Lucia Calvache

RED SISMOLÓGICA NACIONAL DE COLOMBIA

**Coordinadora de la Investigación
y el Monitoreo de la Actividad Sísmica**

M.Sc. Viviana Dionicio Lozano

ANALISTAS

Geól. Adolfo David Robayo, M. Sc.
Geól. Ángel Daniel Agudelo G.
Geól. Emmanuel Guzmán Vitola, Est. M. Sc.
Geól. Gerónimo Valencia Hoyos.
Geól. Juan Sebastián Gómez C., Est. M. Sc.
Geól. Juan Sebastián Soriano Parra.
Geoc. Laura Melissa Mercado Solórzano.
Geól. Mariana Vergara Herrera.

ÁREA DE SISMOLOGÍA

Geól. Miguel Lizarazo, M. Sc.
Geól. Lina Paola Aguirre, M. Sc.
Ing. fís. Ruth Emilse Bolaños, M. Sc.
Física. Patricia Pedraza, M. Sc.
Geól. Fernando Garzón Varón, M. Sc.
Lic. física. Edwin Fabián Mayorga López, M. Sc.

Geól. Omar Alfredo Mercado Díaz, M. Sc.
Lic. física. Esteban Poveda, Ph.D.
Físico. Daniel David Siervo Plata, M. Sc.

ÁREA DE ELECTRÓNICA

Ing. Andres Felipe Gómez, M.Sc.
Ing. Ariel Portocarrero, Esp.
Ing. Jorge Andres de la Rosa, Esp.
Ing. Juan Carlos Lizcano, Esp.
Ing. Juan Manuel Solano, M.Sc.
Ing. Johnnatan Fernandez
Ing. Oscar Daniel Suárez, Esp.
Ing. Sergio Fernando Jaramillo
Tec. Edgar Gil
Tec. Robert Prada

ÁREA DE SISTEMAS

Ing. Sist. Monica Yaneth Acosta, M.Sc.
Ing. Sist. Orlando Chamorro, M.Sc.
Ing. Sist. Oscar David Riobamba, M.Sc.
Ing. Sist. Carlos Araujo Moncayo, M.Sc.

2 FUNCIONAMIENTO DE LAS ESTACIONES

2.1 Mapa de las estaciones

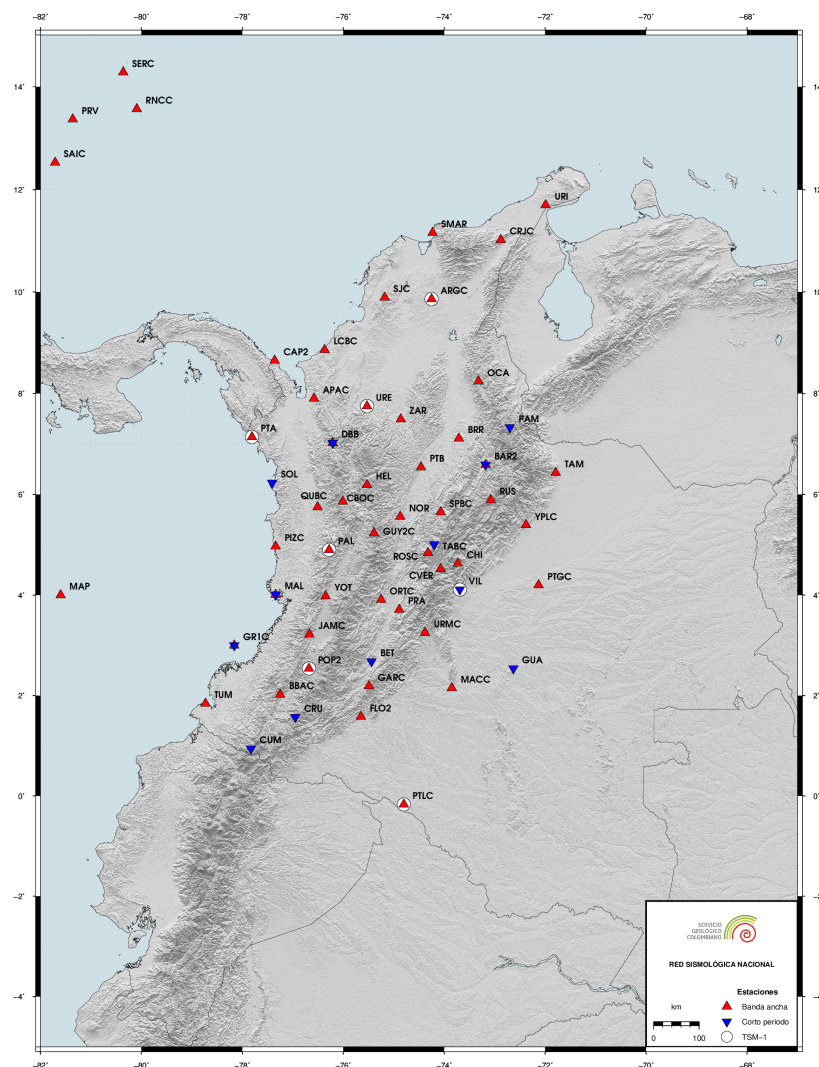


Figura 2.1: Localización de las estaciones de la RSNC.

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 octubre de 2021

Durante el mes de octubre se registraron 1660 eventos, entre los cuales 1607 corresponden a eventos locales, 14 a eventos regionales, 17 a eventos en el Océano Pacífico, 11 a eventos en el Mar Caribe y 11 a eventos Volcánicos. De los eventos localizados, 15 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 octubre de 2021

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2021/10/05	19:37:47	6,803	-73,205	154,0	5,0	Zapatoca, Santander
2	2021/10/09	10:47:16	2,85283	-76,0763	8,0	3,1	Área de Influencia Volcán Nevado del Huila
3	2021/10/11	08:30:08	5,923	-73,418	162,0	4,0	Chitaraque, Boyacá
4	2021/10/12	04:51:46	6,805	-73,172	156,0	5,1	Los Santos, Santander
5	2021/10/13	11:53:20	2,1665	-76,6091	7,0	2,5	Área de Influencia Volcán Sotará
6	2021/10/13	11:54:51	2,1635	-76,6096	7,0	1,8	Área de Influencia Volcán Sotará
7	2021/10/16	17:48:41	1,10633	-77,2627	12,0	2,7	Volcán Galeras
8	2021/10/17	02:59:55	11,132	-72,456	79,0	4,0	Maicao, la Guajira
9	2021/10/23	19:44:10	4,489	-75,398	4,0	2,2	Área de Influencia Volcán Cerro Machín
10	2021/10/26	17:32:17	6,784	-73,228	150,0	4,1	Zapatoca, Santander
11	2021/10/29	05:50:59	6,791	-73,183	142,0	3,8	Los Santos, Santander
12	2021/10/29	21:43:45	2,14833	-76,5888	7,0	4,9	Área de Influencia Volcán Sotará
13	2021/10/30	12:54:18	4,666	-75,592	4,0	2,3	Salento, Quindío
14	2021/10/30	13:00:39	4,664	-75,6	4,0	2,5	Circasia, Quindío
15	2021/10/30	14:48:09	6,801	-73,172	149,0	3,9	Los Santos, Santander

Tabla 3.1: Eventos destacados durante octubre de 2021

3.2 Mapa de sismicidad destacada octubre de 2021

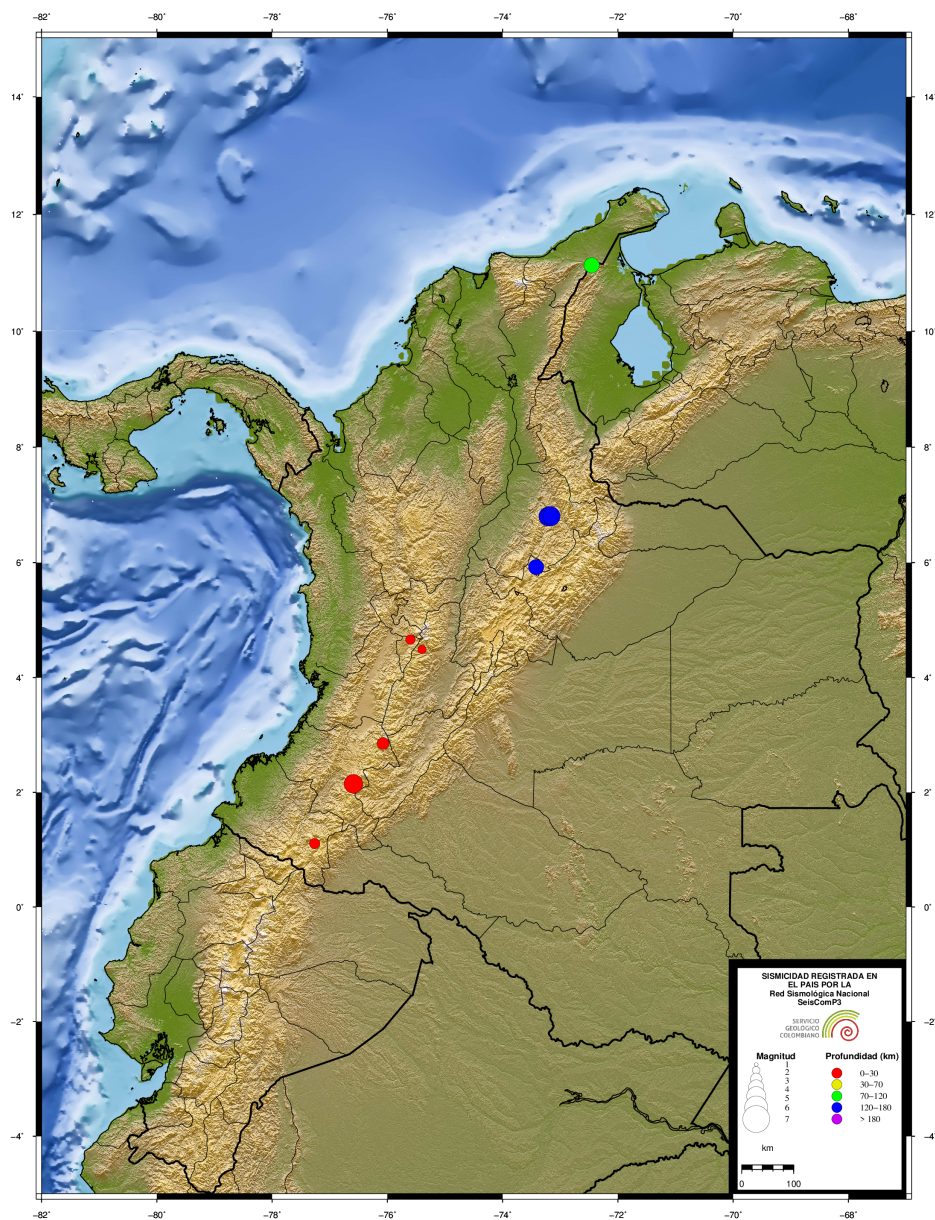


Figura 3.1: Eventos destacados durante octubre de 2021

3.3 Tabla de sismicidad mensual octubre de 2021

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2021/10/01	00:45:40	6,83	-73,111	140,0	1,8	Los Santos, Santander
2	2021/10/01	01:00:07	6,85	-73,178	148,0	2,2	Zapatoca, Santander
3	2021/10/01	01:47:09	6,759	-73,166	139,0	2,9	Los Santos, Santander
4	2021/10/01	01:52:11	7,097	-73,066	108,0	1,5	Floridablanca, Santander
5	2021/10/01	01:55:51	3,029	-74,786	38,0	1,4	Uribe, Meta
6	2021/10/01	02:17:24	7,861	-73,005	159,0	2,1	Villa Caro, Norte de Santander
7	2021/10/01	02:18:25	6,888	-73,068	147,0	1,6	Piedecuesta, Santander
8	2021/10/01	02:44:22	6,812	-73,222	145,0	3,3	Zapatoca, Santander
9	2021/10/01	03:06:14	6,745	-73,18	134,0	2,0	Villanueva, Santander
10	2021/10/01	03:13:07	6,792	-73,176	133,0	2,0	Los Santos, Santander
11	2021/10/01	03:45:26	6,747	-73,191	142,0	2,0	Villanueva, Santander
12	2021/10/01	04:08:01	6,809	-73,24	119,0	1,6	Zapatoca, Santander
13	2021/10/01	05:34:02	6,895	-73,229	135,0	1,4	Zapatoca, Santander
14	2021/10/01	05:43:20	7,04	-73,512	125,0	1,8	San Vicente de Chucurí, Santander
15	2021/10/01	06:06:34	6,835	-73,192	150,0	1,8	Zapatoca, Santander
16	2021/10/01	06:08:28	10,643	-73,513	32,0	1,5	Valledupar, Cesar
17	2021/10/01	06:24:42	6,6	-73,481	121,0	1,5	El Carmen, Santander
18	2021/10/01	06:35:42	6,69	-73,133	133,0	2,1	Villanueva, Santander
19	2021/10/01	07:10:50	6,782	-73,136	146,0	2,5	Los Santos, Santander
20	2021/10/01	08:00:30	4,772	-75,842	112,0	1,5	Pereira, Risaralda
21	2021/10/01	08:27:15	4,804	-76,564	82,0	1,9	Nóvita, Chocó
22	2021/10/01	09:46:49	4,096	-75,517	28,0	1,5	Roncesvalles, Tolima
23	2021/10/01	11:10:47	6,821	-73,124	145,0	2,4	Los Santos, Santander
24	2021/10/01	12:31:17	4,922	-76,3	101,0	1,9	San José del Palmar, Chocó
25	2021/10/01	12:55:36	6,834	-73,244	147,0	2,3	Zapatoca, Santander
26	2021/10/01	12:59:03	6,834	-73,171	140,0	2,8	Los Santos, Santander
27	2021/10/01	14:54:58	7,502	-74,24	23,0	2,8	San Pablo, Bolívar
28	2021/10/01	15:46:00	6,863	-73,189	149,0	2,0	Zapatoca, Santander
29	2021/10/01	17:10:57	6,874	-73,154	135,0	2,0	Los Santos, Santander
30	2021/10/01	17:24:43	6,483	-73,758	105,0	1,4	Vélez, Santander
31	2021/10/01	17:32:41	7,526	-74,204	23,0	1,6	San Pablo, Bolívar
32	2021/10/01	18:18:01	6,801	-73,116	142,0	1,8	Los Santos, Santander
33	2021/10/01	19:06:24	4,268	-73,61	2,0	1,5	Restrepo, Meta
34	2021/10/01	19:41:44	7,147	-73,789	80,0	1,8	Barrancabermeja, Santander
35	2021/10/01	20:28:07	6,821	-73,141	143,0	2,4	Los Santos, Santander
36	2021/10/01	21:21:13	6,69	-73,129	131,0	2,5	Villanueva, Santander
37	2021/10/01	23:00:29	7,68	-74,514	55,0	2,1	El Bagre, Antioquia
38	2021/10/01	23:46:37	5,877	-75,458	0,0	1,0	Abejorral, Antioquia
39	2021/10/02	00:13:04	4,404	-75,419	8,0	1,1	Cajamarca, Tolima
40	2021/10/02	01:07:59	5,574	-73,869	128,0	2,4	Caldas, Boyacá
41	2021/10/02	01:29:17	6,758	-73,227	132,0	1,8	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
42	2021/10/02	01:49:52	6,815	-73,166	137,0	1,8	Los Santos, Santander
43	2021/10/02	01:53:11	6,775	-73,141	131,0	2,0	Los Santos, Santander
44	2021/10/02	01:56:11	6,594	-73,199	139,0	1,7	Barichara, Santander
45	2021/10/02	02:21:59	5,902	-75,47	19,0	1,1	Abejorral, Antioquia
46	2021/10/02	02:41:24	6,745	-73,09	134,0	1,9	Los Santos, Santander
47	2021/10/02	02:58:32	6,772	-73,171	139,0	1,8	Los Santos, Santander
48	2021/10/02	03:17:44	5,899	-75,481	24,0	1,2	Abejorral, Antioquia
49	2021/10/02	03:31:28	6,801	-73,232	138,0	1,3	Zapatoca, Santander
50	2021/10/02	03:58:34	6,769	-73,108	137,0	1,6	Los Santos, Santander
51	2021/10/02	04:02:42	6,741	-73,236	133,0	1,8	Zapatoca, Santander
52	2021/10/02	04:26:24	6,872	-73,149	143,0	1,7	Los Santos, Santander
53	2021/10/02	04:48:48	6,673	-73,214	137,0	1,7	Barichara, Santander
54	2021/10/02	05:32:01	5,906	-75,506	0,0	0,6	Montebello, Antioquia
55	2021/10/02	05:54:05	6,027	-75,643	0,0	0,7	Caldas, Antioquia
56	2021/10/02	06:08:36	5,592	-74,088	108,0	1,3	Maripí, Boyacá
57	2021/10/02	06:32:22	6,888	-73,187	146,0	1,8	Zapatoca, Santander
58	2021/10/02	06:56:20	6,92	-73,29	130,0	2,2	Betulia, Santander
59	2021/10/02	07:21:52	7,551	-75,337	71,0	1,4	Cáceres, Antioquia
60	2021/10/02	07:30:07	11,095	-73,729	8,0	1,6	Santa Marta, Magdalena
61	2021/10/02	08:41:55	2,592	-75,144	7,0	1,3	Algeciras, Huila
62	2021/10/02	08:56:29	6,837	-73,129	148,0	2,6	Los Santos, Santander
63	2021/10/02	09:14:41	6,838	-73,185	139,0	1,7	Zapatoca, Santander
64	2021/10/02	09:32:44	10,627	-73,966	37,0	1,3	Aracataca, Magdalena
65	2021/10/02	10:29:00	6,827	-73,178	140,0	1,7	Zapatoca, Santander
66	2021/10/02	11:26:26	4,588	-76,33	0,0	1,7	Versalles, Valle del Cauca
67	2021/10/02	12:48:38	5,698	-73,055	12,0	2,2	Tibasosa, Boyacá
68	2021/10/02	13:13:27	2,011	-75,999	5,0	1,7	Oporapa, Huila
69	2021/10/02	14:11:07	10,977	-72,175	126,0	2,4	Venezuela
70	2021/10/02	14:35:34	6,73	-73,242	133,0	2,2	Zapatoca, Santander
71	2021/10/02	15:26:24	6,296	-73,601	124,0	1,7	El Guacamayo, Santander
72	2021/10/02	17:13:04	5,214	-73,819	147,0	1,7	Cucunubá, Cundinamarca
73	2021/10/02	17:55:01	5,588	-73,997	108,0	2,1	Maripí, Boyacá
74	2021/10/02	18:24:55	6,62	-74,094	97,0	1,5	Cimitarra, Santander
75	2021/10/02	19:47:49	2,412	-75,454	36,0	1,6	Gigante, Huila
76	2021/10/02	20:13:28	6,724	-73,159	133,0	2,2	Villanueva, Santander
77	2021/10/02	20:19:36	3,274	-74,698	4,0	1,3	Colombia, Huila
78	2021/10/02	20:45:07	6,814	-73,196	145,0	3,2	Zapatoca, Santander
79	2021/10/02	21:52:22	5,582	-73,64	125,0	2,2	Tinjacá, Boyacá
80	2021/10/02	22:03:44	6,682	-73,198	145,0	1,7	Barichara, Santander
81	2021/10/02	22:40:41	6,745	-73,163	134,0	2,2	Los Santos, Santander
82	2021/10/03	00:16:03	7,123	-76,04	0,0	1,5	Dabeiba, Antioquia
83	2021/10/03	01:01:19	6,958	-73,755	144,0	1,8	Barrancabermeja, Santander
84	2021/10/03	01:25:05	10,828	-72,305	47,0	1,8	Venezuela
85	2021/10/03	01:33:11	5,899	-75,517	4,0	0,8	Montebello, Antioquia
86	2021/10/03	01:35:30	6,756	-73,482	114,0	1,8	El Carmen, Santander
87	2021/10/03	02:00:04	1,914	-76,01	25,0	1,3	Pitalito, Huila

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
88	2021/10/03	02:06:58	7,292	-73,104	138,0	1,4	Matanza, Santander
89	2021/10/03	02:25:04	4,862	-74,73	22,0	1,2	San Juan de Rioseco, Cundinamarca
90	2021/10/03	02:34:12	6,766	-73,231	137,0	2,0	Zapatoca, Santander
91	2021/10/03	02:50:07	3,014	-77,869	62,0	2,0	Océano Pacífico
92	2021/10/03	03:03:15	6,739	-73,148	139,0	2,0	Los Santos, Santander
93	2021/10/03	03:50:03	6,779	-73,218	135,0	2,1	Zapatoca, Santander
94	2021/10/03	04:09:15	6,829	-73,104	113,0	1,4	Los Santos, Santander
95	2021/10/03	04:22:34	6,792	-73,166	147,0	1,6	Los Santos, Santander
96	2021/10/03	04:37:26	10,741	-73,736	29,0	1,6	Aracataca, Magdalena
97	2021/10/03	04:42:50	11,688	-72,952	11,0	1,8	Mar Caribe
98	2021/10/03	04:48:57	5,235	-73,789	130,0	1,8	Cucunubá, Cundinamarca
99	2021/10/03	05:11:28	6,804	-73,184	150,0	1,6	Los Santos, Santander
100	2021/10/03	05:22:12	6,229	-74,625	66,0	1,2	Puerto Nare, Antioquia
101	2021/10/03	05:31:20	2,466	-75,477	32,0	1,5	Gigante, Huila
102	2021/10/03	05:59:44	10,777	-73,574	68,0	1,7	Valledupar, Cesar
103	2021/10/03	05:59:49	6,749	-76,104	0,0	0,8	Frontino, Antioquia
104	2021/10/03	06:03:44	6,82	-73,209	140,0	2,7	Zapatoca, Santander
105	2021/10/03	06:45:07	6,756	-74,861	69,0	1,5	Vegachí, Antioquia
106	2021/10/03	06:55:51	6,8	-73,184	147,0	1,7	Los Santos, Santander
107	2021/10/03	07:32:49	1,946	-75,918	23,0	1,5	Timaná, Huila
108	2021/10/03	07:36:51	6,352	-73,124	53,0	1,4	Ocamonte, Santander
109	2021/10/03	07:44:47	3,569	-76,195	16,0	1,9	Palmira, Valle del Cauca
110	2021/10/03	08:16:59	3,348	-76,21	86,0	1,1	Florida, Valle del Cauca
111	2021/10/03	09:13:16	6,131	-75,634	101,0	0,9	La Estrella, Antioquia
112	2021/10/03	10:25:09	6,8	-73,17	138,0	1,7	Los Santos, Santander
113	2021/10/03	11:18:55	6,76	-76,292	0,0	1,0	Frontino, Antioquia
114	2021/10/03	11:37:56	6,871	-73,182	124,0	1,9	Zapatoca, Santander
115	2021/10/03	13:30:43	6,749	-73,116	135,0	1,7	Los Santos, Santander
116	2021/10/03	13:49:13	7,008	-76,805	108,0	2,0	Murindó, Antioquia
117	2021/10/03	14:51:53	5,83	-73,796	113,0	1,5	Albania, Santander
118	2021/10/03	14:54:31	6,792	-73,214	132,0	2,0	Zapatoca, Santander
119	2021/10/03	15:19:25	6,822	-73,195	143,0	1,4	Zapatoca, Santander
120	2021/10/03	16:32:46	2,987	-74,792	28,0	1,3	Uribe, Meta
121	2021/10/03	16:54:53	6,858	-73,145	154,0	2,7	Los Santos, Santander
122	2021/10/03	17:14:36	5,814	-72,496	15,0	1,6	Socotá, Boyacá
123	2021/10/03	17:39:16	6,463	-73,654	108,0	1,9	Vélez, Santander
124	2021/10/03	17:52:00	6,829	-73,198	147,0	3,0	Zapatoca, Santander
125	2021/10/03	18:13:00	6,786	-73,157	143,0	2,7	Los Santos, Santander
126	2021/10/03	18:21:49	2,003	-75,969	23,0	1,9	Elías, Huila
127	2021/10/03	18:43:17	6,677	-73,124	131,0	2,2	Villanueva, Santander
128	2021/10/03	19:37:19	6,775	-73,132	149,0	1,7	Los Santos, Santander
129	2021/10/03	19:47:40	6,703	-73,206	127,0	1,8	Barichara, Santander
130	2021/10/03	20:04:34	6,886	-73,095	136,0	1,7	Los Santos, Santander
131	2021/10/03	22:34:56	6,804	-73,368	109,0	1,9	San Vicente de Chucurí, Santander
132	2021/10/03	22:38:41	6,815	-73,186	146,0	1,6	Zapatoca, Santander
133	2021/10/03	23:58:24	4,411	-75,42	13,0	1,1	Cajamarca, Tolima

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
134	2021/10/04	00:57:23	1,986	-75,993	39,0	1,0	Elías, Huila
135	2021/10/04	01:03:30	6,809	-73,248	144,0	1,8	Zapatoca, Santander
136	2021/10/04	01:30:45	6,703	-73,188	136,0	2,1	Barichara, Santander
137	2021/10/04	01:56:09	6,816	-73,254	128,0	1,5	Zapatoca, Santander
138	2021/10/04	02:23:35	6,759	-73,179	143,0	2,2	Los Santos, Santander
139	2021/10/04	02:31:13	6,707	-73,206	138,0	1,7	Barichara, Santander
140	2021/10/04	02:55:54	6,778	-73,168	144,0	3,2	Los Santos, Santander
141	2021/10/04	03:01:53	6,158	-73,852	82,0	1,1	Bolívar, Santander
142	2021/10/04	03:18:25	5,324	-76,059	63,0	1,2	Pueblo Rico, Risaralda
143	2021/10/04	03:19:38	6,236	-75,688	27,0	1,0	Medellín, Antioquia
144	2021/10/04	03:22:35	5,903	-75,484	18,0	1,1	Abejorral, Antioquia
145	2021/10/04	03:22:58	6,003	-75,533	28,0	0,8	Retiro, Antioquia
146	2021/10/04	03:26:40	6,762	-73,133	142,0	2,1	Los Santos, Santander
147	2021/10/04	03:41:41	6,301	-75,743	19,0	0,7	Ebéjico, Antioquia
148	2021/10/04	03:48:46	5,868	-75,485	3,0	0,8	Abejorral, Antioquia
149	2021/10/04	03:51:08	5,923	-75,524	34,0	1,6	Montebello, Antioquia
150	2021/10/04	04:01:16	6,741	-73,197	132,0	1,7	Villanueva, Santander
151	2021/10/04	04:05:52	6,732	-73,146	134,0	2,5	Los Santos, Santander
152	2021/10/04	04:09:19	6,272	-76,155	24,0	0,9	Urrao, Antioquia
153	2021/10/04	04:13:45	2,837	-75,763	18,0	0,6	Teruel, Huila
154	2021/10/04	04:13:55	6,838	-73,206	146,0	1,7	Zapatoca, Santander
155	2021/10/04	04:16:02	5,886	-75,48	8,0	0,8	Abejorral, Antioquia
156	2021/10/04	04:24:39	6,268	-75,712	25,0	0,9	Ebéjico, Antioquia
157	2021/10/04	04:31:57	3,836	-73,711	18,0	1,4	Castilla la Nueva, Meta
158	2021/10/04	04:33:19	5,882	-73,757	113,0	1,1	Jesús María, Santander
159	2021/10/04	04:49:24	5,96	-73,86	117,0	2,7	Sucre, Santander
160	2021/10/04	05:09:50	6,814	-73,151	145,0	2,3	Los Santos, Santander
161	2021/10/04	05:16:15	6,85	-73,219	140,0	1,6	Zapatoca, Santander
162	2021/10/04	05:19:43	6,781	-73,204	141,0	1,7	Zapatoca, Santander
163	2021/10/04	05:37:30	3,324	-79,065	18,0	1,8	Océano Pacífico
164	2021/10/04	06:35:59	6,749	-73,146	133,0	2,0	Los Santos, Santander
165	2021/10/04	07:00:38	6,81	-73,183	145,0	2,9	Los Santos, Santander
166	2021/10/04	07:24:30	10,335	-72,9	26,0	1,7	Venezuela
167	2021/10/04	07:28:23	6,707	-73,129	136,0	1,8	Jordán, Santander
168	2021/10/04	07:40:18	5,901	-75,486	1,0	0,5	Abejorral, Antioquia
169	2021/10/04	07:57:09	6,308	-73,94	47,0	0,9	Cimitarra, Santander
170	2021/10/04	08:02:44	6,766	-73,184	141,0	1,9	Los Santos, Santander
171	2021/10/04	08:17:14	5,882	-75,48	6,0	0,9	Abejorral, Antioquia
172	2021/10/04	08:24:36	5,874	-75,479	0,0	0,8	Abejorral, Antioquia
173	2021/10/04	08:25:11	5,876	-75,479	9,0	0,6	Abejorral, Antioquia
174	2021/10/04	08:29:08	6,27	-75,791	0,0	0,7	Ebéjico, Antioquia
175	2021/10/04	08:33:22	6,766	-73,197	128,0	1,5	Los Santos, Santander
176	2021/10/04	08:39:36	5,885	-75,483	22,0	1,4	Abejorral, Antioquia
177	2021/10/04	08:41:36	5,872	-75,483	1,0	0,8	Abejorral, Antioquia
178	2021/10/04	08:42:18	5,88	-75,487	2,0	0,7	Montebello, Antioquia
179	2021/10/04	08:45:07	5,876	-75,468	3,0	0,8	Abejorral, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
180	2021/10/04	08:45:43	6,02	-73,99	117,0	1,3	Sucre, Santander
181	2021/10/04	08:54:38	6,741	-73,176	136,0	1,9	Villanueva, Santander
182	2021/10/04	09:05:07	7,208	-73,384	114,0	1,3	Lebrija, Santander
183	2021/10/04	09:23:25	6,737	-73,167	128,0	1,7	Los Santos, Santander
184	2021/10/04	09:30:36	6,703	-73,146	134,0	1,9	Jordán, Santander
185	2021/10/04	09:32:52	2,051	-75,686	1,0	1,0	Guadalupe, Huila
186	2021/10/04	09:37:56	6,779	-73,197	131,0	1,6	Los Santos, Santander
187	2021/10/04	09:42:33	5,9	-75,478	0,0	0,9	Abejorral, Antioquia
188	2021/10/04	09:47:48	6,778	-73,144	146,0	1,5	Los Santos, Santander
189	2021/10/04	09:48:29	6,757	-73,108	143,0	1,7	Los Santos, Santander
190	2021/10/04	10:38:05	6,807	-73,131	141,0	1,7	Los Santos, Santander
191	2021/10/04	10:44:23	6,78	-73,146	146,0	1,6	Los Santos, Santander
192	2021/10/04	11:09:22	5,895	-75,481	6,0	0,7	Abejorral, Antioquia
193	2021/10/04	11:28:03	6,693	-73,119	128,0	2,2	Jordán, Santander
194	2021/10/04	11:40:01	6,749	-73,167	130,0	1,9	Los Santos, Santander
195	2021/10/04	12:06:18	4,515	-76,248	97,0	2,1	El Dovio, Valle del Cauca
196	2021/10/04	12:08:39	6,728	-73,159	134,0	2,0	Villanueva, Santander
197	2021/10/04	13:10:13	5,226	-72,879	24,0	2,2	Chámeza, Casanare
198	2021/10/04	13:13:49	6,732	-73,176	130,0	1,6	Villanueva, Santander
199	2021/10/04	14:40:52	6,694	-73,146	130,0	1,9	Villanueva, Santander
200	2021/10/04	16:39:59	2,117	-75,657	26,0	1,0	Garzón, Huila
201	2021/10/04	16:51:49	5,282	-73,754	139,0	1,9	Cucunubá, Cundinamarca
202	2021/10/04	17:02:59	3,304	-74,481	26,0	1,7	Uribe, Meta
203	2021/10/04	17:04:06	3,418	-74,461	13,0	1,3	Uribe, Meta
204	2021/10/04	17:30:05	9,909	-73,547	0,0	1,9	La Paz, Cesar
205	2021/10/04	17:46:46	4,544	-76,016	123,0	2,0	La Victoria, Valle del Cauca
206	2021/10/04	18:42:25	6,809	-73,513	107,0	1,5	San Vicente de Chucurí, Santander
207	2021/10/04	20:14:04	6,69	-73,201	131,0	1,9	Barichara, Santander
208	2021/10/04	20:32:16	6,822	-71,786	12,0	1,8	Saravena, Arauca
209	2021/10/04	21:54:48	7,104	-71,724	15,0	1,3	Venezuela
210	2021/10/04	22:35:41	6,8	-73,227	141,0	1,7	Zapatoca, Santander
211	2021/10/04	22:44:12	6,164	-73,582	122,0	1,7	La Paz, Santander
212	2021/10/04	23:12:15	6,125	-73,914	25,0	1,9	El Peñón, Santander
213	2021/10/05	00:05:28	9,431	-73,144	144,0	2,0	Norte Colombia
214	2021/10/05	00:16:22	6,762	-73,349	123,0	1,4	Galán, Santander
215	2021/10/05	00:20:37	3,413	-74,628	13,0	1,2	Colombia, Huila
216	2021/10/05	00:24:00	7,093	-74,712	48,0	1,3	Segovia, Antioquia
217	2021/10/05	00:39:34	3,236	-75,058	25,0	1,4	Villavieja, Huila
218	2021/10/05	00:56:12	5,263	-73,73	137,0	1,8	Cucunubá, Cundinamarca
219	2021/10/05	00:57:48	6,724	-73,154	127,0	1,8	Villanueva, Santander
220	2021/10/05	01:12:37	7,65	-75,282	33,0	1,8	Cáceres, Antioquia
221	2021/10/05	01:25:57	6,882	-73,146	143,0	1,7	Los Santos, Santander
222	2021/10/05	01:40:28	6,17	-73,274	163,0	1,6	Oiba, Santander
223	2021/10/05	02:09:45	5,548	-75,76	37,0	1,5	Riosucio, Caldas
224	2021/10/05	02:51:05	5,637	-74,283	86,0	1,2	Otanche, Boyacá
225	2021/10/05	02:56:05	6,873	-73,19	137,0	1,7	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
226	2021/10/05	02:58:00	6,749	-73,077	134,0	1,7	Los Santos, Santander
227	2021/10/05	03:11:32	5,56	-74,008	101,0	1,7	Maripí, Boyacá
228	2021/10/05	03:33:07	6,715	-73,193	124,0	1,6	Barichara, Santander
229	2021/10/05	04:03:32	7,189	-76,251	11,0	1,4	Mutatá, Antioquia
230	2021/10/05	04:13:28	6,506	-73,83	91,0	1,3	Landázuri, Santander
231	2021/10/05	04:17:01	6,756	-73,156	132,0	1,5	Los Santos, Santander
232	2021/10/05	04:26:03	6,894	-76,33	3,0	2,2	Dabeiba, Antioquia
233	2021/10/05	04:50:09	6,528	-77,784	50,0	2,1	Océano Pacífico
234	2021/10/05	04:53:44	6,758	-73,133	134,0	1,6	Los Santos, Santander
235	2021/10/05	05:41:24	6,868	-73,184	164,0	1,7	Zapatoca, Santander
236	2021/10/05	05:57:16	7,227	-76,201	16,0	1,7	Ituango, Antioquia
237	2021/10/05	06:06:58	3,489	-74,22	11,0	1,3	Mesetas, Meta
238	2021/10/05	06:17:22	6,699	-73,107	132,0	1,9	Jordán, Santander
239	2021/10/05	06:24:11	6,757	-73,14	138,0	2,2	Los Santos, Santander
240	2021/10/05	06:37:44	7,269	-76,2	24,0	2,3	Ituango, Antioquia
241	2021/10/05	07:04:28	2,443	-75,481	25,0	1,3	Gigante, Huila
242	2021/10/05	07:33:02	10,607	-73,524	12,0	1,9	Pueblo Bello, Cesar
243	2021/10/05	07:45:06	6,707	-73,163	134,0	1,8	Villanueva, Santander
244	2021/10/05	07:55:15	6,758	-73,188	132,0	1,6	Villanueva, Santander
245	2021/10/05	08:14:40	6,768	-73,184	143,0	1,6	Los Santos, Santander
246	2021/10/05	08:18:43	6,728	-73,184	133,0	2,0	Villanueva, Santander
247	2021/10/05	08:35:42	6,749	-73,159	133,0	1,7	Los Santos, Santander
248	2021/10/05	09:08:10	10,654	-73,503	35,0	1,7	Valledupar, Cesar
249	2021/10/05	09:17:44	4,864	-76,256	94,0	2,8	San José del Palmar, Chocó
250	2021/10/05	09:34:43	3,897	-76,088	5,0	1,5	Buga, Valle del Cauca
251	2021/10/05	10:36:26	6,703	-73,124	130,0	2,0	Jordán, Santander
252	2021/10/05	10:52:23	5,701	-75,769	21,0	1,4	Jericó, Antioquia
253	2021/10/05	11:57:39	5,755	-73,863	101,0	1,6	Albania, Santander
254	2021/10/05	12:07:40	6,737	-73,077	128,0	1,7	Los Santos, Santander
255	2021/10/05	12:31:26	6,724	-73,206	127,0	2,0	Barichara, Santander
256	2021/10/05	12:54:06	3,472	-74,224	6,0	1,2	Mesetas, Meta
257	2021/10/05	13:00:07	6,855	-73,201	129,0	1,8	Zapatoca, Santander
258	2021/10/05	13:47:38	6,933	-76,738	49,0	3,2	Murindó, Antioquia
259	2021/10/05	14:12:17	3,503	-74,218	9,0	1,3	Mesetas, Meta
260	2021/10/05	15:35:31	6,514	-74,51	12,0	1,4	Puerto Berrío, Antioquia
261	2021/10/05	16:42:12	6,8	-73,14	141,0	1,5	Los Santos, Santander
262	2021/10/05	17:08:33	6,789	-73,185	141,0	1,9	Los Santos, Santander
263	2021/10/05	17:30:55	7,405	-77,173	20,0	2,2	Riosucio, Chocó
264	2021/10/05	18:18:01	6,857	-73,426	143,0	1,4	San Vicente de Chucurí, Santander
265	2021/10/05	18:38:01	3,004	-76,607	45,0	1,0	Buenos Aires, Cauca
266	2021/10/05	19:19:21	2,664	-75,444	29,0	1,4	Hobo, Huila
267	2021/10/05	19:37:47	6,803	-73,205	154,0	5,0	Zapatoca, Santander
268	2021/10/05	20:15:54	3,841	-76,235	96,0	1,6	Buga, Valle del Cauca
269	2021/10/05	20:47:03	6,771	-73,201	139,0	2,5	Zapatoca, Santander
270	2021/10/05	22:13:10	2,784	-76,972	90,0	1,6	El Tambo, Cauca
271	2021/10/05	22:52:58	5,243	-73,702	137,0	1,9	Cucunubá, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
272	2021/10/05	23:07:25	4,57	-75,489	7,0	1,4	Cajamarca, Tolima
273	2021/10/05	23:34:42	6,817	-73,197	142,0	2,2	Zapatoca, Santander
274	2021/10/05	23:39:59	6,783	-73,274	129,0	1,7	Zapatoca, Santander
275	2021/10/05	23:54:34	5,227	-73,758	128,0	1,8	Cucunubá, Cundinamarca
276	2021/10/06	00:54:10	7,909	-72,578	0,0	2,0	Cúcuta, Norte de Santander
277	2021/10/06	01:16:56	6,817	-73,427	126,0	1,4	San Vicente de Chucurí, Santander
278	2021/10/06	01:25:21	8,398	-74,721	11,0	1,6	Majagual, Sucre
279	2021/10/06	01:39:41	6,517	-73,158	130,0	1,7	Pinchote, Santander
280	2021/10/06	01:43:30	6,79	-73,172	145,0	1,6	Los Santos, Santander
281	2021/10/06	02:36:33	2,339	-75,519	24,0	1,1	Gigante, Huila
282	2021/10/06	02:54:31	10,024	-74,542	37,0	2,1	Plato, Magdalena
283	2021/10/06	03:18:00	4,751	-75,194	13,0	1,6	Santa Isabel, Tolima
284	2021/10/06	03:54:27	6,837	-73,183	148,0	3,1	Zapatoca, Santander
285	2021/10/06	04:40:25	6,813	-73,141	141,0	2,1	Los Santos, Santander
286	2021/10/06	05:14:44	3,43	-74,173	10,0	1,6	Mesetas, Meta
287	2021/10/06	05:22:59	3,41	-74,254	12,0	1,7	Mesetas, Meta
288	2021/10/06	05:43:20	3,443	-74,177	13,0	2,1	Mesetas, Meta
289	2021/10/06	06:00:27	6,87	-73,493	114,0	1,3	San Vicente de Chucurí, Santander
290	2021/10/06	06:37:41	6,791	-73,153	143,0	3,0	Los Santos, Santander
291	2021/10/06	06:44:43	6,788	-73,211	144,0	2,9	Zapatoca, Santander
292	2021/10/06	07:58:46	6,787	-73,159	134,0	2,0	Los Santos, Santander
293	2021/10/06	08:41:11	6,749	-73,201	132,0	1,7	Villanueva, Santander
294	2021/10/06	09:02:20	6,796	-73,169	142,0	1,7	Los Santos, Santander
295	2021/10/06	09:10:24	1,882	-75,976	22,0	1,4	Timaná, Huila
296	2021/10/06	09:21:51	7,131	-73,303	119,0	2,0	Lebrija, Santander
297	2021/10/06	09:31:50	6,842	-73,172	136,0	1,8	Zapatoca, Santander
298	2021/10/06	09:46:31	6,707	-73,218	124,0	1,8	Barichara, Santander
299	2021/10/06	10:58:40	6,804	-73,118	148,0	1,7	Los Santos, Santander
300	2021/10/06	12:54:48	6,715	-73,171	135,0	1,8	Villanueva, Santander
301	2021/10/06	13:57:43	6,86	-73,172	137,0	1,5	Zapatoca, Santander
302	2021/10/06	14:17:36	6,799	-73,14	150,0	1,8	Los Santos, Santander
303	2021/10/06	14:19:42	6,737	-73,154	136,0	2,0	Los Santos, Santander
304	2021/10/06	14:41:08	6,72	-73,176	135,0	2,1	Villanueva, Santander
305	2021/10/06	16:00:10	6,524	-73,417	138,0	1,7	Simacota, Santander
306	2021/10/06	17:34:31	9,877	-74,004	21,0	2,0	Ariguaní (El Difícil), Magdalena
307	2021/10/06	18:49:35	4,091	-76,275	119,0	2,1	Tuluá, Valle del Cauca
308	2021/10/06	18:54:46	6,161	-73,738	108,0	1,5	Vélez, Santander
309	2021/10/06	19:44:11	6,707	-73,184	133,0	2,0	Barichara, Santander
310	2021/10/06	23:44:49	6,302	-73,639	118,0	1,6	Santa Helena del Opón, Santander
311	2021/10/07	00:26:29	3,503	-74,286	13,0	2,0	Uribe, Meta
312	2021/10/07	00:50:19	4,007	-74,338	0,0	1,3	Bogotá, Cundinamarca
313	2021/10/07	01:22:33	5,808	-75,942	57,0	1,1	Hispania, Antioquia
314	2021/10/07	02:01:36	3,89	-76,325	118,0	1,9	Buga, Valle del Cauca
315	2021/10/07	02:38:12	6,77	-73,195	138,0	1,6	Los Santos, Santander
316	2021/10/07	03:59:42	6,816	-73,176	144,0	1,8	Los Santos, Santander
317	2021/10/07	04:18:24	6,728	-73,133	132,0	1,8	Jordán, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
318	2021/10/07	04:20:54	1,91	-76,129	16,0	1,7	Pitalito, Huila
319	2021/10/07	04:26:01	6,653	-73,613	35,0	1,9	El Carmen, Santander
320	2021/10/07	04:51:44	6,058	-73,942	20,0	1,7	Sucre, Santander
321	2021/10/07	05:10:41	5,903	-75,51	10,0	1,2	Montebello, Antioquia
322	2021/10/07	05:23:57	6,707	-73,141	135,0	1,9	Jordán, Santander
323	2021/10/07	05:41:04	6,732	-73,201	128,0	1,7	Villanueva, Santander
324	2021/10/07	05:48:34	6,124	-74,181	86,0	1,2	Bolivar, Santander
325	2021/10/07	05:53:54	10,583	-72,67	18,0	2,0	Venezuela
326	2021/10/07	06:04:47	6,861	-73,33	124,0	1,9	Zapatoca, Santander
327	2021/10/07	06:18:22	5,528	-76,318	31,0	1,7	Lloró, Chocó
328	2021/10/07	06:21:31	7,558	-74,823	53,0	1,5	Zaragoza, Antioquia
329	2021/10/07	06:33:19	6,747	-73,148	140,0	2,0	Los Santos, Santander
330	2021/10/07	06:35:39	2,739	-77,092	101,0	1,3	El Tambo, Cauca
331	2021/10/07	06:50:52	7,262	-74,638	55,0	2,0	Segovia, Antioquia
332	2021/10/07	06:53:36	6,894	-73,088	148,0	1,6	Piedecuesta, Santander
333	2021/10/07	07:29:12	3,583	-74,385	23,0	1,1	Uribe, Meta
334	2021/10/07	07:44:21	7,084	-75,919	8,0	1,3	Peque, Antioquia
335	2021/10/07	07:56:10	6,798	-73,167	147,0	1,7	Los Santos, Santander
336	2021/10/07	08:24:01	10,418	-72,838	116,0	1,9	Venezuela
337	2021/10/07	08:30:58	5,878	-75,483	9,0	1,1	Montebello, Antioquia
338	2021/10/07	08:36:16	5,864	-75,481	6,0	1,5	Abejorral, Antioquia
339	2021/10/07	08:37:37	5,857	-75,474	4,0	1,0	Abejorral, Antioquia
340	2021/10/07	08:38:00	5,874	-75,524	18,0	1,0	Montebello, Antioquia
341	2021/10/07	08:41:12	5,942	-75,513	19,0	1,1	Montebello, Antioquia
342	2021/10/07	08:58:28	6,732	-73,163	138,0	1,8	Villanueva, Santander
343	2021/10/07	09:01:31	5,883	-75,498	16,0	0,9	Montebello, Antioquia
344	2021/10/07	09:02:07	6,818	-73,183	145,0	2,7	Zapatoca, Santander
345	2021/10/07	09:19:03	5,874	-75,453	1,0	1,1	Abejorral, Antioquia
346	2021/10/07	09:21:20	5,923	-75,5	16,0	1,2	Montebello, Antioquia
347	2021/10/07	09:23:39	1,971	-75,884	16,0	2,1	Timaná, Huila
348	2021/10/07	09:24:17	6,042	-75,566	22,0	1,3	Retiro, Antioquia
349	2021/10/07	09:41:55	5,872	-75,487	3,0	0,9	Montebello, Antioquia
350	2021/10/07	10:25:25	5,874	-75,472	2,0	1,1	Abejorral, Antioquia
351	2021/10/07	10:32:20	5,874	-75,474	6,0	1,0	Abejorral, Antioquia
352	2021/10/07	10:33:38	5,876	-75,477	8,0	1,5	Abejorral, Antioquia
353	2021/10/07	10:40:39	5,876	-75,483	8,0	1,0	Montebello, Antioquia
354	2021/10/07	11:06:07	5,889	-75,487	12,0	1,0	Abejorral, Antioquia
355	2021/10/07	11:11:27	5,876	-75,738	48,0	1,0	Fredonia, Antioquia
356	2021/10/07	11:28:05	5,88	-75,474	0,0	0,9	Abejorral, Antioquia
357	2021/10/07	11:29:09	5,878	-75,485	0,0	1,2	Montebello, Antioquia
358	2021/10/07	11:43:38	5,882	-75,501	8,0	1,1	Montebello, Antioquia
359	2021/10/07	11:46:35	5,87	-75,474	1,0	0,9	Abejorral, Antioquia
360	2021/10/07	11:56:17	5,876	-75,468	2,0	0,8	Abejorral, Antioquia
361	2021/10/07	11:59:46	5,855	-75,5	16,0	1,0	Abejorral, Antioquia
362	2021/10/07	12:00:02	5,885	-75,494	16,0	1,0	Montebello, Antioquia
363	2021/10/07	12:16:32	8,403	-73,209	141,0	2,0	San Calixto, Norte de Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
364	2021/10/07	12:26:13	3,843	-76,274	148,0	2,1	Buga, Valle del Cauca
365	2021/10/07	12:27:24	6,874	-73,165	139,0	1,9	Los Santos, Santander
366	2021/10/07	12:31:51	6,737	-73,133	135,0	2,1	Los Santos, Santander
367	2021/10/07	13:22:08	5,876	-75,472	1,0	1,1	Abejorral, Antioquia
368	2021/10/07	13:22:39	5,893	-75,464	0,0	1,2	Abejorral, Antioquia
369	2021/10/07	13:23:57	5,859	-75,468	2,0	0,8	Abejorral, Antioquia
370	2021/10/07	13:46:48	6,786	-73,183	143,0	1,7	Los Santos, Santander
371	2021/10/07	13:48:31	6,169	-73,696	116,0	1,6	Vélez, Santander
372	2021/10/07	14:27:35	2,913	-78,064	8,0	2,0	Océano Pacífico
373	2021/10/07	14:57:09	6,808	-73,17	145,0	2,9	Los Santos, Santander
374	2021/10/07	15:39:19	6,656	-73,184	140,0	1,8	Villanueva, Santander
375	2021/10/07	16:03:27	9,625	-73,878	93,0	2,0	Pijíño del Carmen, Magdalena
376	2021/10/07	16:07:09	3,529	-75,108	36,0	1,3	Natagaima, Tolima
377	2021/10/07	16:16:39	11,43	-74,919	31,0	1,8	Mar Caribe
378	2021/10/07	16:29:09	6,805	-73,166	144,0	2,0	Los Santos, Santander
379	2021/10/07	17:15:36	6,534	-73,616	113,0	1,7	Simacota, Santander
380	2021/10/07	17:44:53	5,288	-74,986	34,0	1,2	Mariquita, Tolima
381	2021/10/07	18:46:25	6,699	-73,158	136,0	1,9	Villanueva, Santander
382	2021/10/07	19:22:52	6,816	-73,137	143,0	1,7	Los Santos, Santander
383	2021/10/07	19:23:37	5,945	-75,471	30,0	0,8	Abejorral, Antioquia
384	2021/10/07	19:24:27	6,682	-73,171	137,0	2,0	Villanueva, Santander
385	2021/10/07	20:17:36	11,486	-74,318	25,0	2,1	Mar Caribe
386	2021/10/07	20:18:56	9,641	-74,111	30,0	2,3	Santa Ana, Magdalena
387	2021/10/07	20:21:17	1,907	-75,988	25,0	1,6	Timaná, Huila
388	2021/10/07	20:45:51	6,824	-73,327	141,0	1,8	Zapatoca, Santander
389	2021/10/07	21:00:06	3,926	-76,146	141,0	2,2	San Pedro, Valle del Cauca
390	2021/10/07	21:10:53	5,305	-73,755	145,0	2,9	Lenguazaque, Cundinamarca
391	2021/10/07	21:35:42	6,852	-76,218	20,0	1,7	Uramita, Antioquia
392	2021/10/07	22:24:41	3,496	-74,206	12,0	2,0	Mesetas, Meta
393	2021/10/07	22:57:51	7,309	-76,198	13,0	2,3	Ituango, Antioquia
394	2021/10/07	23:40:31	6,96	-76,319	19,0	2,1	Dabeiba, Antioquia
395	2021/10/08	00:06:42	6,706	-73,14	126,0	2,0	Jordán, Santander
396	2021/10/08	00:20:20	2,783	-76,9	108,0	1,5	El Tambo, Cauca
397	2021/10/08	00:26:43	9,544	-73,358	10,0	2,2	La Jagua de Ibirico, Cesar
398	2021/10/08	00:35:19	2,459	-75,377	28,0	2,2	Algeciras, Huila
399	2021/10/08	00:42:21	3,205	-76,617	54,0	1,4	Jamundí, Valle del Cauca
400	2021/10/08	01:16:40	5,909	-75,494	2,0	0,7	Montebello, Antioquia
401	2021/10/08	01:18:53	5,903	-75,485	4,0	0,7	Abejorral, Antioquia
402	2021/10/08	01:46:36	6,732	-73,133	133,0	1,6	Los Santos, Santander
403	2021/10/08	02:08:04	6,015	-75,474	34,0	0,6	Retiro, Antioquia
404	2021/10/08	02:23:49	5,915	-75,48	0,0	0,7	Montebello, Antioquia
405	2021/10/08	02:24:50	5,915	-75,488	0,0	1,1	Montebello, Antioquia
406	2021/10/08	02:25:41	5,92	-75,515	0,0	1,2	Montebello, Antioquia
407	2021/10/08	02:45:44	5,918	-75,467	1,0	0,9	Abejorral, Antioquia
408	2021/10/08	02:50:33	5,922	-75,492	0,0	0,6	Montebello, Antioquia
409	2021/10/08	03:58:45	6,71	-73,1	134,0	2,0	Jordán, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
410	2021/10/08	04:01:51	1,876	-76,012	19,0	1,0	Pitalito, Huila
411	2021/10/08	04:02:35	10,421	-72,977	18,0	1,9	La Jagua del Pilar, la Guajira
412	2021/10/08	04:08:02	5,893	-75,483	0,0	1,0	Abejorral, Antioquia
413	2021/10/08	04:09:17	5,882	-75,475	0,0	1,0	Abejorral, Antioquia
414	2021/10/08	04:11:15	5,937	-75,482	21,0	1,0	Abejorral, Antioquia
415	2021/10/08	04:11:51	6,079	-75,416	45,0	1,5	Rionegro, Antioquia
416	2021/10/08	04:15:47	5,909	-75,491	13,0	0,6	Montebello, Antioquia
417	2021/10/08	04:25:55	4,541	-74,473	35,0	1,2	El Colegio, Cundinamarca
418	2021/10/08	04:39:41	4,738	-74,626	34,0	1,6	San Juan de Rioseco, Cundinamarca
419	2021/10/08	04:58:24	7,071	-72,112	11,0	1,9	Toledo, Norte de Santander
420	2021/10/08	05:25:20	5,883	-75,481	9,0	1,2	Abejorral, Antioquia
421	2021/10/08	06:00:35	6,737	-73,163	135,0	1,9	Los Santos, Santander
422	2021/10/08	06:06:59	5,865	-75,501	2,0	0,6	Abejorral, Antioquia
423	2021/10/08	06:11:17	5,88	-75,477	0,0	0,7	Abejorral, Antioquia
424	2021/10/08	06:15:25	5,879	-75,478	0,0	0,8	Abejorral, Antioquia
425	2021/10/08	06:25:07	5,872	-75,474	0,0	0,6	Abejorral, Antioquia
426	2021/10/08	06:53:08	6,822	-73,18	144,0	1,7	Los Santos, Santander
427	2021/10/08	07:03:08	7,245	-76,22	13,0	1,6	Ituango, Antioquia
428	2021/10/08	07:20:55	5,891	-75,477	1,0	0,9	Abejorral, Antioquia
429	2021/10/08	07:23:13	5,864	-75,506	8,0	0,8	Montebello, Antioquia
430	2021/10/08	07:36:31	5,88	-75,481	10,0	0,7	Abejorral, Antioquia
431	2021/10/08	07:46:21	6,775	-73,176	131,0	1,8	Los Santos, Santander
432	2021/10/08	07:53:48	2,959	-74,869	31,0	1,3	Uribe, Meta
433	2021/10/08	08:19:57	6,797	-73,205	138,0	2,6	Zapatoca, Santander
434	2021/10/08	08:35:43	5,876	-75,504	2,0	0,7	Montebello, Antioquia
435	2021/10/08	08:41:46	5,898	-75,484	4,0	0,5	Abejorral, Antioquia
436	2021/10/08	08:45:07	6,732	-73,159	135,0	1,8	Villanueva, Santander
437	2021/10/08	08:48:03	5,872	-75,468	5,0	0,8	Abejorral, Antioquia
438	2021/10/08	09:14:15	6,89	-73,184	150,0	1,8	Zapatoca, Santander
439	2021/10/08	09:15:36	6,771	-73,193	131,0	1,5	Los Santos, Santander
440	2021/10/08	09:26:36	5,882	-75,48	8,0	1,0	Abejorral, Antioquia
441	2021/10/08	09:26:54	5,868	-75,483	2,0	1,1	Abejorral, Antioquia
442	2021/10/08	09:34:00	6,779	-73,176	137,0	1,8	Los Santos, Santander
443	2021/10/08	09:34:22	6,711	-73,158	135,0	1,9	Villanueva, Santander
444	2021/10/08	09:59:16	6,767	-73,139	141,0	1,8	Los Santos, Santander
445	2021/10/08	10:08:16	5,859	-75,47	0,0	0,7	Abejorral, Antioquia
446	2021/10/08	10:20:16	5,868	-75,468	1,0	1,5	Abejorral, Antioquia
447	2021/10/08	10:23:35	6,594	-73,422	124,0	1,3	El Carmen, Santander
448	2021/10/08	10:37:42	5,87	-75,477	8,0	0,9	Abejorral, Antioquia
449	2021/10/08	11:11:20	2,344	-75,547	27,0	1,4	Gigante, Huila
450	2021/10/08	12:40:19	5,87	-75,477	3,0	0,9	Abejorral, Antioquia
451	2021/10/08	12:58:42	5,872	-75,515	3,0	2,0	Montebello, Antioquia
452	2021/10/08	13:03:04	6,72	-73,094	129,0	2,1	Jordán, Santander
453	2021/10/08	13:15:52	6,665	-73,248	133,0	1,9	Barichara, Santander
454	2021/10/08	13:26:11	5,697	-76,891	0,0	2,2	Quibdó, Chocó
455	2021/10/08	14:23:29	2,279	-75,673	22,0	1,3	Agrado, Huila

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
456	2021/10/08	15:07:11	10,339	-73,193	111,0	1,9	San Diego, Cesar
457	2021/10/08	15:19:44	6,732	-73,188	136,0	2,1	Villanueva, Santander
458	2021/10/08	15:30:37	3,467	-74,175	13,0	1,2	Mesetas, Meta
459	2021/10/08	15:36:15	6,802	-73,182	143,0	1,8	Los Santos, Santander
460	2021/10/08	16:36:30	6,825	-73,148	146,0	1,8	Los Santos, Santander
461	2021/10/08	17:15:48	11,27	-74,167	22,0	1,7	Santa Marta, Magdalena
462	2021/10/08	18:47:52	2,991	-74,8	34,0	1,7	Uribe, Meta
463	2021/10/08	19:13:28	6,911	-73,249	144,0	1,8	Betulia, Santander
464	2021/10/08	20:04:17	4,16	-75,355	15,0	1,0	Rovira, Tolima
465	2021/10/08	21:12:27	6,673	-73,116	136,0	2,0	Curití, Santander
466	2021/10/08	21:26:49	6,738	-73,16	143,0	3,2	Los Santos, Santander
467	2021/10/08	22:00:18	6,812	-73,246	129,0	1,8	Zapatoca, Santander
468	2021/10/08	22:40:11	4,718	-74,891	37,0	1,2	Venadillo, Tolima
469	2021/10/08	22:58:39	5,771	-75,937	52,0	1,2	Hispania, Antioquia
470	2021/10/08	23:12:36	6,944	-73,147	148,0	1,6	Girón, Santander
471	2021/10/08	23:14:20	3,987	-75,553	16,0	1,9	Roncesvalles, Tolima
472	2021/10/09	00:09:48	6,793	-73,192	146,0	2,9	Los Santos, Santander
473	2021/10/09	00:21:58	7,097	-73,333	122,0	1,6	Girón, Santander
474	2021/10/09	02:05:06	6,83	-73,162	151,0	1,9	Los Santos, Santander
475	2021/10/09	02:11:28	2,062	-75,9	20,0	0,9	Tarqui, Huila
476	2021/10/09	02:46:09	6,833	-73,187	146,0	2,6	Zapatoca, Santander
477	2021/10/09	02:53:45	6,791	-73,19	146,0	3,1	Los Santos, Santander
478	2021/10/09	03:10:44	2,898	-74,845	33,0	2,1	San Vicente del Caguán, Caquetá
479	2021/10/09	04:44:40	6,699	-73,141	128,0	1,9	Jordán, Santander
480	2021/10/09	05:35:06	6,72	-73,124	128,0	1,7	Jordán, Santander
481	2021/10/09	06:06:39	0,81	-76,054	6,0	2,3	Puerto Guzmán, Putumayo
482	2021/10/09	06:39:09	6,732	-73,171	134,0	1,8	Villanueva, Santander
483	2021/10/09	07:20:29	3,452	-74,202	11,0	1,6	Mesetas, Meta
484	2021/10/09	07:28:01	7,164	-73,845	12,0	0,7	Barrancabermeja, Santander
485	2021/10/09	07:29:48	7,931	-73,008	158,0	1,8	Villa Caro, Norte de Santander
486	2021/10/09	08:01:44	6,644	-73,314	130,0	1,6	Galán, Santander
487	2021/10/09	08:08:48	6,769	-73,118	140,0	1,5	Los Santos, Santander
488	2021/10/09	08:09:45	6,808	-73,126	142,0	1,5	Los Santos, Santander
489	2021/10/09	08:13:38	6,758	-73,206	117,0	1,5	Villanueva, Santander
490	2021/10/09	08:23:24	6,768	-73,163	140,0	1,6	Los Santos, Santander
491	2021/10/09	09:03:56	7,628	-73,793	80,0	2,7	Puerto Wilches, Santander
492	2021/10/09	09:47:32	6,763	-73,114	137,0	1,5	Los Santos, Santander
493	2021/10/09	09:50:53	6,794	-73,168	143,0	1,5	Los Santos, Santander
494	2021/10/09	09:53:33	6,432	-73,61	100,0	1,3	Santa Helena del Opón, Santander
495	2021/10/09	09:54:23	1,999	-75,928	18,0	0,6	Elías, Huila
496	2021/10/09	10:04:31	5,673	-72,827	15,0	1,7	Monguí, Boyacá
497	2021/10/09	10:15:38	6,828	-73,193	139,0	1,5	Zapatoca, Santander
498	2021/10/09	10:47:16	2,85283	-76,0763	8,0	3,1	Área de Influencia Volcán Nevado del Huila
499	2021/10/09	11:10:49	7,956	-77,522	43,0	2,9	Panamá-Colombia
500	2021/10/09	11:19:29	7,018	-72,186	5,0	2,0	Cubará, Boyacá
501	2021/10/09	11:29:28	6,798	-73,169	145,0	1,8	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
502	2021/10/09	12:03:16	2,301	-75,621	29,0	1,5	Garzón, Huila
503	2021/10/09	12:37:09	11,007	-73,826	26,0	2,5	Santa Marta, Magdalena
504	2021/10/09	14:37:21	3,417	-74,688	41,0	1,7	Colombia, Huila
505	2021/10/09	15:38:03	6,895	-73,157	155,0	2,1	Girón, Santander
506	2021/10/09	15:45:24	1,946	-75,922	21,0	1,0	Timaná, Huila
507	2021/10/09	15:50:23	7,365	-74,136	12,0	1,1	San Pablo, Bolívar
508	2021/10/09	15:51:25	7,404	-74,216	39,0	1,3	San Pablo, Bolívar
509	2021/10/09	15:52:14	6,818	-73,112	144,0	1,8	Los Santos, Santander
510	2021/10/09	17:09:50	6,819	-73,235	147,0	1,9	Zapatoca, Santander
511	2021/10/09	17:16:19	6,899	-73,342	121,0	2,8	San Vicente de Chucurí, Santander
512	2021/10/09	17:43:30	9,587	-73,492	0,0	2,0	El Paso, Cesar
513	2021/10/09	17:53:10	6,863	-73,201	147,0	1,5	Zapatoca, Santander
514	2021/10/09	17:55:32	3,158	-74,673	24,0	1,4	Uribe, Meta
515	2021/10/09	18:36:38	6,699	-73,171	129,0	2,4	Villanueva, Santander
516	2021/10/09	20:01:58	6,762	-73,132	138,0	1,8	Los Santos, Santander
517	2021/10/09	21:18:01	2,528	-75,455	24,0	1,1	Hobo, Huila
518	2021/10/09	21:33:23	2,43	-75,445	17,0	1,2	Gigante, Huila
519	2021/10/09	21:37:41	6,804	-73,212	145,0	1,6	Zapatoca, Santander
520	2021/10/09	22:52:48	6,727	-74,346	21,0	1,6	Yondó (Casabe), Antioquia
521	2021/10/10	00:09:46	8,739	-73,057	128,0	2,3	El Tarra, Norte de Santander
522	2021/10/10	00:34:18	6,814	-73,185	144,0	3,2	Zapatoca, Santander
523	2021/10/10	01:16:16	6,833	-73,153	143,0	2,4	Los Santos, Santander
524	2021/10/10	03:32:18	6,827	-73,168	140,0	1,8	Los Santos, Santander
525	2021/10/10	05:08:22	6,816	-73,195	144,0	1,6	Zapatoca, Santander
526	2021/10/10	05:10:43	3,943	-76,348	114,0	2,0	Yotoco, Valle del Cauca
527	2021/10/10	05:30:12	6,152	-73,711	111,0	2,0	Vélez, Santander
528	2021/10/10	05:40:02	4,583	-73,869	15,0	1,3	Choachí, Cundinamarca
529	2021/10/10	06:03:30	5,213	-72,946	5,0	1,0	Páez, Boyacá
530	2021/10/10	06:45:48	1,996	-77,165	124,0	1,4	Patía (El Bordo), Cauca
531	2021/10/10	07:07:53	2,566	-75,905	18,0	2,2	Páez (Belalcázar), Cauca
532	2021/10/10	07:36:47	5,926	-74,05	87,0	0,9	La Belleza, Santander
533	2021/10/10	09:16:20	2,447	-75,532	31,0	1,0	Gigante, Huila
534	2021/10/10	10:04:34	2,672	-75,126	16,0	1,1	San Vicente del Caguán, Caquetá
535	2021/10/10	10:15:31	5,29	-73,766	146,0	2,9	Cucunubá, Cundinamarca
536	2021/10/10	11:03:03	2,445	-75,617	24,0	1,1	Tesalia, Huila
537	2021/10/10	11:24:43	6,849	-73,186	150,0	1,9	Zapatoca, Santander
538	2021/10/10	11:25:38	6,775	-73,129	141,0	2,4	Los Santos, Santander
539	2021/10/10	11:42:48	3,638	-75,075	20,0	1,6	Natagaima, Tolima
540	2021/10/10	11:51:58	2,028	-75,906	19,0	1,3	Elías, Huila
541	2021/10/10	11:53:44	4,42	-82,939	0,0	3,0	Océano Pacífico
542	2021/10/10	12:09:05	6,705	-73,165	136,0	1,8	Villanueva, Santander
543	2021/10/10	12:31:02	6,829	-73,203	139,0	1,5	Zapatoca, Santander
544	2021/10/10	14:08:04	6,825	-73,168	152,0	1,9	Los Santos, Santander
545	2021/10/10	14:16:01	4,645	-76,149	102,0	1,9	Versalles, Valle del Cauca
546	2021/10/10	15:10:22	6,776	-73,097	140,0	1,7	Los Santos, Santander
547	2021/10/10	15:54:33	2,617	-75,979	19,0	1,1	Páez (Belalcázar), Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
548	2021/10/10	15:55:33	6,724	-73,184	130,0	1,8	Villanueva, Santander
549	2021/10/10	15:57:40	3,324	-74,452	24,0	1,6	Uribe, Meta
550	2021/10/10	16:29:17	6,806	-73,124	139,0	1,7	Los Santos, Santander
551	2021/10/10	16:29:33	3,421	-74,272	49,0	1,5	Mesetas, Meta
552	2021/10/10	16:58:00	6,575	-73,372	110,0	1,6	Hato, Santander
553	2021/10/10	17:20:40	6,74	-73,056	149,0	1,5	Aratoca, Santander
554	2021/10/10	17:21:51	6,707	-73,146	125,0	1,8	Jordán, Santander
555	2021/10/10	18:35:59	6,723	-73,125	132,0	2,0	Jordán, Santander
556	2021/10/10	18:58:29	5,898	-73,641	108,0	1,4	Puente Nacional, Santander
557	2021/10/10	19:19:52	3,22	-74,217	12,0	1,7	Mesetas, Meta
558	2021/10/10	19:26:59	3,448	-74,18	10,0	1,9	Mesetas, Meta
559	2021/10/10	19:41:05	6,722	-73,139	130,0	1,7	Jordán, Santander
560	2021/10/10	21:07:45	7,343	-74,819	10,0	1,1	Zaragoza, Antioquia
561	2021/10/10	21:41:55	6,721	-73,157	133,0	2,1	Villanueva, Santander
562	2021/10/10	22:04:35	6,737	-73,171	130,0	1,7	Villanueva, Santander
563	2021/10/10	22:27:10	6,766	-73,171	135,0	1,6	Los Santos, Santander
564	2021/10/10	23:39:16	6,503	-73,771	103,0	1,1	Vélez, Santander
565	2021/10/10	23:52:58	12,408	-73,142	40,0	1,8	Mar Caribe
566	2021/10/10	23:56:09	6,81	-73,17	137,0	1,5	Los Santos, Santander
567	2021/10/11	00:14:08	6,823	-73,196	143,0	1,6	Zapatoca, Santander
568	2021/10/11	00:28:22	6,804	-73,206	145,0	1,7	Zapatoca, Santander
569	2021/10/11	00:47:39	6,805	-73,184	143,0	1,7	Los Santos, Santander
570	2021/10/11	01:14:10	6,809	-73,163	146,0	1,8	Los Santos, Santander
571	2021/10/11	02:53:07	6,732	-73,141	136,0	1,8	Los Santos, Santander
572	2021/10/11	03:37:18	6,786	-73,164	149,0	1,4	Los Santos, Santander
573	2021/10/11	04:02:18	6,802	-73,192	144,0	1,6	Los Santos, Santander
574	2021/10/11	04:16:11	8,669	-74,073	117,0	1,9	San Martín de Loba, Bolívar
575	2021/10/11	04:25:03	1,876	-76,012	2,0	2,1	Pitalito, Huila
576	2021/10/11	05:03:13	6,676	-74,896	24,0	2,8	Yalí, Antioquia
577	2021/10/11	05:25:58	5,199	-76,046	35,0	1,6	Pueblo Rico, Risaralda
578	2021/10/11	05:36:50	7,63	-73,609	103,0	1,3	Rionegro, Santander
579	2021/10/11	06:15:05	7,518	-73,048	150,0	1,7	Suratá, Santander
580	2021/10/11	06:15:58	6,808	-73,161	129,0	1,4	Los Santos, Santander
581	2021/10/11	06:20:16	6,39	-73,042	163,0	1,5	Mogotes, Santander
582	2021/10/11	06:25:44	5,314	-73,726	129,0	1,9	Lenguazaque, Cundinamarca
583	2021/10/11	06:58:20	6,754	-73,231	136,0	2,1	Zapatoca, Santander
584	2021/10/11	07:30:26	6,719	-73,224	135,0	2,4	Barichara, Santander
585	2021/10/11	08:01:14	6,739	-73,106	123,0	1,5	Los Santos, Santander
586	2021/10/11	08:07:35	6,705	-73,182	141,0	1,9	Barichara, Santander
587	2021/10/11	08:30:08	5,923	-73,418	162,0	4,0	Chitaraque, Boyacá
588	2021/10/11	08:40:47	6,069	-74,245	13,0	1,7	Bolívar, Santander
589	2021/10/11	09:00:10	5,716	-74,385	64,0	1,2	Yacopí, Cundinamarca
590	2021/10/11	09:34:05	2,382	-75,459	17,0	2,1	Gigante, Huila
591	2021/10/11	09:42:42	5,958	-73,756	96,0	1,9	Bolívar, Santander
592	2021/10/11	10:43:16	4,451	-75,627	14,0	1,9	Calarcá, Quindío
593	2021/10/11	10:46:59	6,093	-73,448	53,0	1,1	Suaita, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
594	2021/10/11	10:47:36	5,423	-73,828	112,0	1,6	Susa, Cundinamarca
595	2021/10/11	11:07:43	6,872	-73,242	138,0	1,7	Zapatoca, Santander
596	2021/10/11	11:28:19	6,773	-73,259	130,0	1,7	Zapatoca, Santander
597	2021/10/11	11:32:14	6,699	-73,227	131,0	2,0	Barichara, Santander
598	2021/10/11	12:06:43	5,743	-75,839	43,0	1,4	Pueblorrico, Antioquia
599	2021/10/11	13:27:17	6,715	-73,193	131,0	1,8	Barichara, Santander
600	2021/10/11	13:28:48	6,784	-73,215	123,0	1,4	Zapatoca, Santander
601	2021/10/11	14:02:13	6,742	-73,151	139,0	2,1	Los Santos, Santander
602	2021/10/11	14:20:25	5,294	-73,753	136,0	2,2	Lenguazaque, Cundinamarca
603	2021/10/11	14:25:42	6,72	-73,137	136,0	1,8	Jordán, Santander
604	2021/10/11	14:30:07	7,33	-73,116	134,0	1,9	Matanza, Santander
605	2021/10/11	15:48:34	1,903	-75,846	0,0	1,0	Suaza, Huila
606	2021/10/11	16:08:48	6,732	-73,18	127,0	1,8	Villanueva, Santander
607	2021/10/11	17:24:03	6,633	-73,624	8,0	1,1	El Carmen, Santander
608	2021/10/11	18:13:55	6,83	-73,214	130,0	1,7	Zapatoca, Santander
609	2021/10/11	18:52:23	2,424	-75,593	22,0	1,4	Gigante, Huila
610	2021/10/11	19:01:12	11,117	-72,752	12,0	1,9	Hato Nuevo, la Guajira
611	2021/10/11	20:31:14	6,715	-73,158	135,0	1,8	Villanueva, Santander
612	2021/10/11	20:37:51	6,907	-76,377	39,0	3,0	Dabeiba, Antioquia
613	2021/10/11	21:05:49	6,773	-73,139	142,0	1,9	Los Santos, Santander
614	2021/10/11	21:46:42	6,855	-73,223	160,0	2,1	Zapatoca, Santander
615	2021/10/11	21:52:40	5,788	-73,434	150,0	1,6	Arcabuco, Boyacá
616	2021/10/11	22:04:04	7,928	-73,35	125,0	1,8	San Alberto, Cesar
617	2021/10/11	22:08:55	6,359	-73,249	171,0	1,9	Confines, Santander
618	2021/10/11	22:10:00	3,643	-75,038	27,0	1,5	Natagaima, Tolima
619	2021/10/11	22:21:08	6,774	-73,168	145,0	2,3	Los Santos, Santander
620	2021/10/11	22:39:11	7,273	-73,405	137,0	1,5	Sabana de Torres, Santander
621	2021/10/11	22:57:40	3,433	-74,196	0,0	2,7	Mesetas, Meta
622	2021/10/11	23:09:59	6,761	-73,17	141,0	3,4	Los Santos, Santander
623	2021/10/11	23:17:43	6,8	-73,201	145,0	2,2	Zapatoca, Santander
624	2021/10/11	23:42:12	6,862	-73,227	149,0	1,7	Zapatoca, Santander
625	2021/10/11	23:52:25	6,82	-73,177	138,0	2,8	Los Santos, Santander
626	2021/10/12	00:05:01	6,814	-73,21	138,0	1,4	Zapatoca, Santander
627	2021/10/12	00:56:18	6,8	-73,076	149,0	2,3	Los Santos, Santander
628	2021/10/12	01:10:11	5,634	-74,44	92,0	1,2	Yacopí, Cundinamarca
629	2021/10/12	01:17:39	7,123	-76,085	0,0	1,4	Dabeiba, Antioquia
630	2021/10/12	01:21:24	6,79	-73,175	148,0	1,6	Los Santos, Santander
631	2021/10/12	02:28:18	6,648	-73,116	138,0	1,9	San Gil, Santander
632	2021/10/12	02:39:56	6,862	-73,195	153,0	1,6	Zapatoca, Santander
633	2021/10/12	02:58:01	5,893	-76,082	71,0	1,4	El Carmen, Chocó
634	2021/10/12	03:21:22	6,896	-73,171	155,0	1,8	Girón, Santander
635	2021/10/12	03:29:52	5,241	-76,374	101,0	1,8	Tadó, Chocó
636	2021/10/12	03:44:22	6,73	-73,156	137,0	2,0	Villanueva, Santander
637	2021/10/12	04:23:03	6,494	-73,465	108,0	1,3	Simacota, Santander
638	2021/10/12	04:51:46	6,805	-73,172	156,0	5,1	Los Santos, Santander
639	2021/10/12	05:13:28	6,044	-73,933	98,0	1,6	Sucre, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
640	2021/10/12	05:34:21	6,365	-75,932	0,0	2,3	Caicedo, Antioquia
641	2021/10/12	06:15:21	11,257	-72,907	36,0	2,1	Riohacha, la Guajira
642	2021/10/12	06:19:56	6,663	-73,208	122,0	1,9	Barichara, Santander
643	2021/10/12	06:28:27	6,873	-73,306	128,0	2,6	Zapatoca, Santander
644	2021/10/12	06:32:27	6,758	-73,24	132,0	1,7	Zapatoca, Santander
645	2021/10/12	06:35:25	6,93	-73,291	133,0	1,5	Betulia, Santander
646	2021/10/12	07:08:01	5,944	-72,77	25,0	1,5	Tasco, Boyacá
647	2021/10/12	07:13:08	5,509	-73,987	113,0	1,5	Buenavista, Boyacá
648	2021/10/12	07:22:17	3,481	-74,202	13,0	1,2	Mesetas, Meta
649	2021/10/12	07:26:59	6,806	-73,225	145,0	3,0	Zapatoca, Santander
650	2021/10/12	07:35:38	6,728	-73,171	134,0	1,8	Villanueva, Santander
651	2021/10/12	07:38:34	7,478	-75,141	40,0	1,2	Cáceres, Antioquia
652	2021/10/12	07:39:28	4,721	-74,846	32,0	1,0	Venadillo, Tolima
653	2021/10/12	08:25:29	3,44	-74,192	10,0	1,2	Mesetas, Meta
654	2021/10/12	08:58:36	6,366	-73,433	147,0	1,7	Chima, Santander
655	2021/10/12	09:29:23	2,371	-76,089	16,0	1,7	La Plata, Huila
656	2021/10/12	09:49:33	5,957	-76,388	37,0	2,1	Quibdó, Chocó
657	2021/10/12	10:07:47	10,044	-74,102	43,0	1,5	Sabanas de San Angel, Magdalena
658	2021/10/12	10:50:59	6,771	-73,236	136,0	2,1	Zapatoca, Santander
659	2021/10/12	11:28:06	6,715	-73,193	130,0	2,1	Barichara, Santander
660	2021/10/12	11:45:51	3,607	-74,418	22,0	1,5	Uribe, Meta
661	2021/10/12	11:57:30	5,738	-73,906	104,0	2,7	Tununguá, Boyacá
662	2021/10/12	12:29:21	7,084	-73,047	75,0	1,8	Floridablanca, Santander
663	2021/10/12	13:18:50	2,491	-75,507	30,0	1,4	Gigante, Huila
664	2021/10/12	13:47:32	6,708	-73,597	88,0	1,4	El Carmen, Santander
665	2021/10/12	14:09:57	2,924	-78,179	16,0	2,4	Océano Pacifico
666	2021/10/12	15:20:23	8,138	-73,133	33,0	2,2	Ábrego, Norte de Santander
667	2021/10/12	16:32:23	6,627	-73,184	114,0	1,8	Barichara, Santander
668	2021/10/12	17:30:17	6,778	-73,177	141,0	2,4	Los Santos, Santander
669	2021/10/12	18:17:38	6,69	-73,184	132,0	1,8	Barichara, Santander
670	2021/10/12	18:23:41	7,32	-74,564	22,0	1,5	Segovia, Antioquia
671	2021/10/12	19:32:25	7,898	-75,125	24,0	1,2	Caucasia, Antioquia
672	2021/10/12	19:54:11	6,794	-73,221	152,0	1,9	Zapatoca, Santander
673	2021/10/12	20:05:00	6,771	-73,147	138,0	1,7	Los Santos, Santander
674	2021/10/12	21:03:22	10,928	-73,645	32,0	1,6	Santa Marta, Magdalena
675	2021/10/12	21:33:47	6,761	-73,138	141,0	2,4	Los Santos, Santander
676	2021/10/12	22:33:58	6,74	-73,185	141,0	2,4	Villanueva, Santander
677	2021/10/12	23:27:33	5,452	-76,088	100,0	1,8	Bagadó, Chocó
678	2021/10/12	23:27:43	6,074	-73,715	113,0	1,7	Vélez, Santander
679	2021/10/13	00:43:55	2,454	-75,53	31,0	1,3	Gigante, Huila
680	2021/10/13	01:03:58	3,887	-76,715	12,0	1,7	Calima (El Darién), Valle del Cauca
681	2021/10/13	01:45:55	6,798	-73,156	145,0	2,5	Los Santos, Santander
682	2021/10/13	02:00:55	7,68	-73,209	134,0	1,7	Cáchira, Norte de Santander
683	2021/10/13	02:33:37	6,821	-71,891	28,0	1,5	Saravena, Arauca
684	2021/10/13	02:41:24	6,69	-73,158	146,0	1,7	Villanueva, Santander
685	2021/10/13	02:46:30	2,826	-74,442	49,0	1,4	Uribe, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
686	2021/10/13	02:59:26	6,905	-73,286	127,0	2,3	Betulia, Santander
687	2021/10/13	03:29:04	3,396	-74,72	25,0	1,8	Colombia, Huila
688	2021/10/13	04:20:08	6,886	-73,323	124,0	2,5	Zapatoca, Santander
689	2021/10/13	04:27:46	2,166	-75,565	27,0	1,2	Garzón, Huila
690	2021/10/13	04:30:11	6,88	-73,152	159,0	1,9	Los Santos, Santander
691	2021/10/13	04:34:16	7,388	-75,317	27,0	1,8	Valdivia, Antioquia
692	2021/10/13	04:43:05	4,468	-75,935	43,0	1,2	La Victoria, Valle del Cauca
693	2021/10/13	04:50:47	6,817	-73,137	147,0	1,9	Los Santos, Santander
694	2021/10/13	05:06:31	5,114	-73,099	22,0	2,1	Páez, Boyacá
695	2021/10/13	06:11:38	2,932	-74,438	21,0	2,1	Uribe, Meta
696	2021/10/13	06:43:56	6,159	-73,675	117,0	1,9	Vélez, Santander
697	2021/10/13	07:17:09	2,49	-75,368	37,0	2,1	Algeciras, Huila
698	2021/10/13	07:25:00	5,688	-76,029	49,0	1,3	Betania, Antioquia
699	2021/10/13	07:51:54	3,628	-75,637	46,0	1,6	Chaparral, Tolima
700	2021/10/13	07:58:12	6,72	-73,188	124,0	1,8	Villanueva, Santander
701	2021/10/13	08:23:27	3,66	-74,597	22,0	1,3	Colombia, Huila
702	2021/10/13	08:29:22	6,841	-73,227	139,0	1,7	Zapatoca, Santander
703	2021/10/13	08:40:18	4,577	-75,973	42,0	1,4	Obando, Valle del Cauca
704	2021/10/13	09:34:07	6,748	-73,198	137,0	1,8	Villanueva, Santander
705	2021/10/13	09:55:49	2,096	-75,695	32,0	1,2	Garzón, Huila
706	2021/10/13	10:32:59	6,727	-73,431	107,0	1,5	El Carmen, Santander
707	2021/10/13	10:49:47	9,229	-77,044	40,0	1,9	Mar Caribe
708	2021/10/13	10:54:22	1,905	-75,993	10,0	1,2	Timaná, Huila
709	2021/10/13	10:57:59	6,707	-73,24	131,0	1,8	Barichara, Santander
710	2021/10/13	10:59:59	3,523	-74,362	36,0	2,8	Uribe, Meta
711	2021/10/13	11:06:28	2,16266	-76,607	7,0	1,8	Área de Influencia Volcán Sotará
712	2021/10/13	11:09:53	6,682	-73,206	128,0	2,1	Barichara, Santander
713	2021/10/13	11:43:02	6,793	-73,183	111,0	1,5	Los Santos, Santander
714	2021/10/13	11:53:20	2,1665	-76,6091	7,0	2,5	Área de Influencia Volcán Sotará
715	2021/10/13	11:54:31	6,707	-73,193	127,0	1,8	Barichara, Santander
716	2021/10/13	11:54:51	2,1635	-76,6096	7,0	1,8	Área de Influencia Volcán Sotará
717	2021/10/13	12:44:09	6,703	-73,176	126,0	2,0	Villanueva, Santander
718	2021/10/13	12:44:56	2,371	-75,513	27,0	1,4	Gigante, Huila
719	2021/10/13	13:10:31	6,691	-73,237	143,0	1,7	Barichara, Santander
720	2021/10/13	13:13:18	2,386	-75,391	28,0	2,1	Algeciras, Huila
721	2021/10/13	13:29:47	6,682	-73,163	122,0	1,9	Villanueva, Santander
722	2021/10/13	14:08:09	10,393	-73,337	18,0	1,8	Valledupar, Cesar
723	2021/10/13	14:11:54	6,5	-72,212	45,0	1,7	Guicán, Boyacá
724	2021/10/13	14:18:25	6,795	-73,168	145,0	3,1	Los Santos, Santander
725	2021/10/13	15:45:59	5,815	-73,736	115,0	2,3	Puente Nacional, Santander
726	2021/10/13	16:16:37	5,605	-74,845	4,0	1,0	Norcasia, Caldas
727	2021/10/13	16:33:45	6,593	-73,09	116,0	1,8	Curití, Santander
728	2021/10/13	16:35:40	6,59	-73,468	118,0	1,5	El Carmen, Santander
729	2021/10/13	17:26:26	9,784	-73,54	0,0	2,2	Agustín Codazzi, Cesar
730	2021/10/13	17:48:04	6,8	-73,197	141,0	2,0	Zapatoca, Santander
731	2021/10/13	18:33:03	6,758	-73,163	141,0	1,8	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
732	2021/10/13	18:39:04	6,802	-73,212	143,0	1,6	Zapatoca, Santander
733	2021/10/13	18:53:53	6,703	-73,201	128,0	1,9	Barichara, Santander
734	2021/10/13	18:59:06	6,813	-73,115	137,0	1,5	Los Santos, Santander
735	2021/10/13	19:42:17	7,081	-73,27	147,0	1,3	Girón, Santander
736	2021/10/13	19:46:48	3,052	-78,043	9,0	1,9	Océano Pacífico
737	2021/10/13	20:09:52	6,754	-73,201	125,0	1,9	Villanueva, Santander
738	2021/10/13	20:18:39	4,562	-73,547	13,0	1,5	Gachalá, Cundinamarca
739	2021/10/13	20:23:59	5,739	-74,301	81,0	1,6	Yacopí, Cundinamarca
740	2021/10/13	20:56:23	6,262	-74,142	92,0	1,2	Cimitarra, Santander
741	2021/10/13	21:05:49	8,255	-73,5	50,0	1,5	Rio de Oro, Cesar
742	2021/10/13	21:19:11	6,772	-73,185	135,0	2,1	Los Santos, Santander
743	2021/10/13	22:31:41	6,906	-73,492	125,0	1,5	San Vicente de Chucurí, Santander
744	2021/10/13	22:51:31	6,782	-73,177	143,0	2,2	Los Santos, Santander
745	2021/10/13	23:00:51	7,231	-75,989	25,0	2,2	Ituango, Antioquia
746	2021/10/13	23:12:11	6,774	-73,175	139,0	2,8	Los Santos, Santander
747	2021/10/13	23:17:41	6,981	-73,31	97,0	1,2	Betulia, Santander
748	2021/10/14	00:39:29	6,887	-73,118	155,0	2,5	Los Santos, Santander
749	2021/10/14	00:47:39	5,428	-77,478	32,0	1,9	Océano Pacífico
750	2021/10/14	00:59:43	2,653	-75,905	7,0	1,3	Páez (Belalcázar), Cauca
751	2021/10/14	01:15:00	6,711	-73,12	137,0	2,0	Jordán, Santander
752	2021/10/14	01:41:38	5,559	-73,858	129,0	2,4	Caldas, Boyacá
753	2021/10/14	01:59:57	5,269	-73,74	135,0	1,9	Cucunubá, Cundinamarca
754	2021/10/14	02:11:20	4,697	-76,161	108,0	2,6	Argelia, Valle del Cauca
755	2021/10/14	02:15:38	6,756	-73,165	130,0	1,7	Los Santos, Santander
756	2021/10/14	02:31:03	6,786	-73,142	147,0	2,5	Los Santos, Santander
757	2021/10/14	02:34:32	2,091	-75,732	29,0	1,9	Altamira, Huila
758	2021/10/14	02:59:36	6,775	-74,897	52,0	1,0	Vegachí, Antioquia
759	2021/10/14	04:20:52	6,821	-73,124	142,0	1,9	Los Santos, Santander
760	2021/10/14	04:25:45	6,894	-72,827	9,0	1,3	Guaca, Santander
761	2021/10/14	04:35:43	6,78	-73,172	148,0	2,5	Los Santos, Santander
762	2021/10/14	05:07:02	6,69	-73,18	124,0	1,8	Villanueva, Santander
763	2021/10/14	05:08:45	7,204	-76,055	3,0	1,7	Ituango, Antioquia
764	2021/10/14	05:20:00	5,149	-73,021	13,0	1,8	Páez, Boyacá
765	2021/10/14	05:31:16	5,346	-76,05	90,0	1,2	Pueblo Rico, Risaralda
766	2021/10/14	06:38:47	6,703	-73,21	122,0	1,8	Barichara, Santander
767	2021/10/14	06:40:41	6,737	-73,27	113,0	1,5	Zapatoca, Santander
768	2021/10/14	06:43:24	6,72	-73,201	128,0	1,8	Barichara, Santander
769	2021/10/14	06:51:47	1,878	-76,009	2,0	0,8	Pitalito, Huila
770	2021/10/14	06:52:55	7,376	-77,189	17,0	1,6	Riosucio, Chocó
771	2021/10/14	07:00:34	7,17	-75,97	0,0	1,3	Ituango, Antioquia
772	2021/10/14	07:02:08	6,743	-73,314	113,0	1,3	Galán, Santander
773	2021/10/14	07:14:27	8,736	-74,04	89,0	1,9	San Martín de Loba, Bolívar
774	2021/10/14	07:16:54	5,69	-74,074	91,0	1,6	San Pablo de Borbur, Boyacá
775	2021/10/14	07:54:42	6,728	-73,218	131,0	1,9	Barichara, Santander
776	2021/10/14	07:55:57	1,975	-75,898	4,0	0,8	Timaná, Huila
777	2021/10/14	08:13:08	5,725	-79,657	0,0	2,7	Sur de Panamá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
778	2021/10/14	08:18:32	3,319	-74,675	25,0	1,1	Colombia, Huila
779	2021/10/14	08:27:32	6,737	-73,082	135,0	1,6	Los Santos, Santander
780	2021/10/14	09:03:58	4,95	-76,078	85,0	1,9	El Águila, Valle del Cauca
781	2021/10/14	09:34:31	7,291	-76,953	43,0	1,9	Carmen del Darién (Curbaradó), Chocó
782	2021/10/14	09:46:23	5,639	-73,812	155,0	1,5	Chiquinquirá, Boyacá
783	2021/10/14	09:56:38	6,73	-73,173	130,0	1,9	Villanueva, Santander
784	2021/10/14	10:16:26	6,807	-73,255	118,0	1,7	Zapatoca, Santander
785	2021/10/14	10:16:44	6,805	-71,506	40,0	1,7	Araucuita, Arauca
786	2021/10/14	10:38:00	6,692	-73,186	127,0	1,9	Barichara, Santander
787	2021/10/14	10:39:23	6,86	-73,163	147,0	1,7	Los Santos, Santander
788	2021/10/14	11:22:32	5,112	-74,78	25,0	1,3	Honda, Tolima
789	2021/10/14	11:40:20	6,805	-73,135	140,0	1,6	Los Santos, Santander
790	2021/10/14	11:44:35	1,958	-75,916	17,0	1,2	Timaná, Huila
791	2021/10/14	12:05:30	4,57	-73,551	18,0	2,0	Gachalá, Cundinamarca
792	2021/10/14	12:44:07	10,67	-73,503	33,0	1,7	Valledupar, Cesar
793	2021/10/14	13:03:50	6,751	-73,196	115,0	1,4	Villanueva, Santander
794	2021/10/14	14:00:30	3,912	-76,188	116,0	1,9	Buga, Valle del Cauca
795	2021/10/14	14:37:42	6,732	-73,176	127,0	1,9	Villanueva, Santander
796	2021/10/14	15:43:30	6,772	-73,155	142,0	2,6	Los Santos, Santander
797	2021/10/14	15:57:20	6,746	-73,181	131,0	2,0	Villanueva, Santander
798	2021/10/14	16:29:51	4,958	-74,704	45,0	1,3	Chaguaní, Cundinamarca
799	2021/10/14	16:43:57	7,186	-76,039	0,0	1,8	Ituango, Antioquia
800	2021/10/14	17:00:12	5,548	-74,128	36,0	1,0	Muzo, Boyacá
801	2021/10/14	17:27:37	9,652	-73,405	118,0	2,7	La Jagua de Ibirico, Cesar
802	2021/10/14	17:34:19	6,784	-73,179	139,0	2,4	Los Santos, Santander
803	2021/10/14	17:39:27	11,133	-72,786	2,0	1,9	Hato Nuevo, la Guajira
804	2021/10/14	18:20:52	5,646	-75,45	26,0	0,9	Aguadas, Caldas
805	2021/10/14	18:44:50	5,969	-74,873	0,0	1,0	San Luis, Antioquia
806	2021/10/14	19:09:37	6,736	-73,162	138,0	2,2	Los Santos, Santander
807	2021/10/14	20:08:39	6,711	-73,218	125,0	1,6	Barichara, Santander
808	2021/10/14	21:09:40	4,881	-74,807	33,0	1,7	Ambalema, Tolima
809	2021/10/15	00:07:34	6,758	-73,188	132,0	1,8	Villanueva, Santander
810	2021/10/15	01:11:00	5,993	-76,02	40,0	0,9	Salgar, Antioquia
811	2021/10/15	01:26:19	7,258	-77,079	20,0	2,0	Riosucio, Chocó
812	2021/10/15	01:27:26	1,944	-75,923	15,0	1,0	Timaná, Huila
813	2021/10/15	01:29:12	3,596	-74,362	15,0	1,8	Uribe, Meta
814	2021/10/15	01:37:21	6,797	-73,155	143,0	2,6	Los Santos, Santander
815	2021/10/15	01:48:39	6,773	-73,096	145,0	2,0	Los Santos, Santander
816	2021/10/15	01:55:51	6,812	-73,148	156,0	1,6	Los Santos, Santander
817	2021/10/15	02:37:23	7,444	-74,649	4,0	1,3	El Bagre, Antioquia
818	2021/10/15	03:18:50	6,872	-73,21	152,0	1,9	Zapatoca, Santander
819	2021/10/15	03:31:32	6,724	-73,073	138,0	1,8	Jordán, Santander
820	2021/10/15	03:35:51	6,703	-73,15	141,0	2,1	Villanueva, Santander
821	2021/10/15	04:11:13	5,162	-75,496	54,0	0,9	Neira, Caldas
822	2021/10/15	04:24:26	6,813	-73,124	146,0	2,4	Los Santos, Santander
823	2021/10/15	04:27:40	6,594	-76,97	34,0	2,6	Bojayá (Bellavista), Chocó

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
824	2021/10/15	04:44:26	6,804	-73,159	142,0	1,9	Los Santos, Santander
825	2021/10/15	04:59:59	4,373	-75,882	146,0	2,1	Sevilla, Valle del Cauca
826	2021/10/15	05:17:27	6,638	-73,594	106,0	1,3	El Carmen, Santander
827	2021/10/15	05:55:12	1,135	-76,914	69,0	1,3	San Francisco, Putumayo
828	2021/10/15	06:02:41	7,4	-73,454	97,0	1,0	Sabana de Torres, Santander
829	2021/10/15	06:04:40	6,806	-73,151	146,0	1,5	Los Santos, Santander
830	2021/10/15	06:08:51	6,88	-73,372	59,0	1,2	San Vicente de Chucurí, Santander
831	2021/10/15	06:16:53	6,745	-73,193	131,0	1,9	Villanueva, Santander
832	2021/10/15	06:17:00	2,204	-75,489	24,0	0,9	Garzón, Huila
833	2021/10/15	06:28:40	3,586	-74,444	27,0	1,9	Uribe, Meta
834	2021/10/15	07:37:56	5,675	-75,448	0,0	0,9	Aguadas, Caldas
835	2021/10/15	07:39:54	6,756	-73,182	122,0	1,6	Villanueva, Santander
836	2021/10/15	08:36:15	6,69	-73,193	123,0	1,7	Barichara, Santander
837	2021/10/15	08:57:30	6,686	-73,15	124,0	1,8	Villanueva, Santander
838	2021/10/15	09:01:34	5,151	-76,158	78,0	1,4	San José del Palmar, Chocó
839	2021/10/15	09:29:24	6,77	-73,198	142,0	1,6	Zapatoca, Santander
840	2021/10/15	09:59:20	6,798	-73,159	132,0	1,5	Los Santos, Santander
841	2021/10/15	10:06:24	6,821	-73,193	136,0	2,1	Zapatoca, Santander
842	2021/10/15	10:10:34	1,965	-75,897	25,0	1,4	Timaná, Huila
843	2021/10/15	10:13:45	5,775	-75,844	32,0	1,0	Pueblorrico, Antioquia
844	2021/10/15	12:20:02	11,77	-73,396	21,0	2,1	Mar Caribe
845	2021/10/15	12:37:03	2,05	-77,188	113,0	3,0	Balboa, Cauca
846	2021/10/15	14:32:09	6,745	-73,193	133,0	2,2	Villanueva, Santander
847	2021/10/15	14:54:31	6,898	-73,527	0,0	1,2	San Vicente de Chucurí, Santander
848	2021/10/15	15:09:59	4,635	-75,537	16,0	1,9	Salento, Quindío
849	2021/10/15	15:32:00	4,633	-75,546	16,0	1,7	Salento, Quindío
850	2021/10/15	15:35:44	4,649	-75,502	11,0	1,3	Salento, Quindío
851	2021/10/15	16:43:04	6,714	-73,254	160,0	1,8	Zapatoca, Santander
852	2021/10/15	16:52:52	6,06	-73,891	89,0	1,3	El Peñón, Santander
853	2021/10/15	17:14:59	6,738	-73,17	139,0	2,9	Los Santos, Santander
854	2021/10/15	17:33:06	5,29	-73,746	137,0	1,9	Lenguazaque, Cundinamarca
855	2021/10/15	18:13:03	6,771	-73,366	122,0	1,7	San Vicente de Chucurí, Santander
856	2021/10/15	18:22:50	2,138	-75,601	26,0	1,1	Garzón, Huila
857	2021/10/15	18:33:09	5,272	-73,769	133,0	1,9	Cucunubá, Cundinamarca
858	2021/10/15	18:37:46	6,755	-73,187	142,0	2,3	Villanueva, Santander
859	2021/10/15	20:52:41	6,803	-73,19	145,0	2,7	Los Santos, Santander
860	2021/10/15	21:42:54	6,052	-73,668	114,0	1,9	Chipatá, Santander
861	2021/10/16	00:42:11	6,796	-73,124	145,0	2,4	Los Santos, Santander
862	2021/10/16	02:38:14	6,644	-73,24	143,0	1,7	Barichara, Santander
863	2021/10/16	02:41:21	6,676	-73,279	125,0	1,5	Galán, Santander
864	2021/10/16	02:50:01	6,73	-73,122	136,0	2,2	Los Santos, Santander
865	2021/10/16	03:04:10	8,532	-73,34	124,0	2,7	Convención, Norte de Santander
866	2021/10/16	03:57:22	10,0	-73,537	123,0	1,6	San Diego, Cesar
867	2021/10/16	04:13:02	4,054	-75,269	20,0	0,9	Ortega, Tolima
868	2021/10/16	04:27:40	1,971	-75,98	0,0	0,7	Elías, Huila
869	2021/10/16	04:31:54	6,945	-76,208	13,0	1,6	Uramita, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
870	2021/10/16	04:32:44	6,841	-73,373	124,0	1,4	San Vicente de Chucurí, Santander
871	2021/10/16	04:35:48	6,745	-73,061	149,0	1,2	Aratoca, Santander
872	2021/10/16	05:25:29	5,924	-76,002	64,0	0,9	Salgar, Antioquia
873	2021/10/16	05:36:07	7,369	-73,178	132,0	1,4	Rionegro, Santander
874	2021/10/16	06:06:24	6,728	-73,218	127,0	1,8	Barichara, Santander
875	2021/10/16	06:08:53	5,551	-75,73	78,0	1,1	Riosucio, Caldas
876	2021/10/16	06:21:04	6,737	-73,201	126,0	2,0	Villanueva, Santander
877	2021/10/16	07:13:03	6,69	-73,18	133,0	2,1	Villanueva, Santander
878	2021/10/16	07:28:29	10,296	-73,045	125,0	1,6	La Paz, Cesar
879	2021/10/16	08:13:33	5,494	-74,087	90,0	1,2	Muzo, Boyacá
880	2021/10/16	08:20:19	5,88	-75,504	6,0	1,9	Montebello, Antioquia
881	2021/10/16	08:27:49	6,839	-73,176	128,0	1,6	Zapatoca, Santander
882	2021/10/16	08:30:55	5,632	-74,094	99,0	1,3	San Pablo de Borbur, Boyacá
883	2021/10/16	08:36:17	2,384	-76,034	16,0	2,0	La Plata, Huila
884	2021/10/16	08:36:50	6,761	-73,175	138,0	2,4	Los Santos, Santander
885	2021/10/16	08:56:56	11,179	-72,396	80,0	1,7	Maicao, la Guajira
886	2021/10/16	09:37:04	3,781	-77,297	37,0	2,1	Océano Pacífico
887	2021/10/16	09:41:28	3,442	-74,198	7,0	1,3	Mesetas, Meta
888	2021/10/16	09:48:26	6,336	-74,792	28,0	1,2	San Roque, Antioquia
889	2021/10/16	09:52:48	3,47	-74,2	14,0	2,3	Mesetas, Meta
890	2021/10/16	10:08:58	5,915	-73,636	113,0	1,6	Barbosa, Santander
891	2021/10/16	10:26:29	7,473	-76,964	71,0	1,9	Riosucio, Chocó
892	2021/10/16	10:43:11	6,775	-73,231	131,0	2,0	Zapatoca, Santander
893	2021/10/16	11:56:42	6,737	-73,21	123,0	2,0	Villanueva, Santander
894	2021/10/16	12:24:20	6,098	-73,785	97,0	1,2	Bolívar, Santander
895	2021/10/16	13:38:23	6,715	-73,201	117,0	1,7	Barichara, Santander
896	2021/10/16	13:57:51	6,704	-73,822	78,0	2,4	Simacota, Santander
897	2021/10/16	14:04:44	6,732	-76,609	8,0	2,1	Dabeiba, Antioquia
898	2021/10/16	14:17:51	6,924	-76,795	0,0	1,5	Murindó, Antioquia
899	2021/10/16	14:18:29	3,726	-74,133	16,0	1,3	Lejanías, Meta
900	2021/10/16	14:35:15	6,851	-73,207	151,0	1,7	Zapatoca, Santander
901	2021/10/16	14:49:38	6,73	-73,148	141,0	1,8	Villanueva, Santander
902	2021/10/16	15:00:02	9,655	-72,841	3,0	2,1	Venezuela
903	2021/10/16	17:37:56	6,879	-73,441	126,0	1,3	San Vicente de Chucurí, Santander
904	2021/10/16	17:48:41	1,10633	-77,2627	12,0	2,7	Volcán Galeras
905	2021/10/16	18:04:31	5,287	-73,784	133,0	1,8	Ubaté, Cundinamarca
906	2021/10/16	18:06:55	6,801	-73,168	138,0	2,6	Los Santos, Santander
907	2021/10/16	18:09:49	3,442	-74,211	1,0	1,2	Mesetas, Meta
908	2021/10/16	22:53:47	5,909	-73,652	113,0	1,9	Puente Nacional, Santander
909	2021/10/16	23:09:02	10,597	-73,65	70,0	1,7	Fundación, Magdalena
910	2021/10/16	23:33:37	5,77	-76,014	63,0	1,0	Ciudad Bolívar, Antioquia
911	2021/10/16	23:33:49	6,807	-73,151	138,0	1,8	Los Santos, Santander
912	2021/10/17	00:26:41	6,791	-73,181	144,0	3,5	Los Santos, Santander
913	2021/10/17	01:49:49	4,765	-75,208	19,0	1,0	Santa Isabel, Tolima
914	2021/10/17	01:50:20	4,778	-75,214	19,0	1,1	Murillo, Tolima
915	2021/10/17	01:52:51	6,622	-77,012	51,0	2,3	Bojayá (Bellavista), Chocó

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
916	2021/10/17	01:55:05	6,81	-73,153	148,0	2,8	Los Santos, Santander
917	2021/10/17	02:16:56	2,486	-75,757	78,0	1,3	Tesalia, Huila
918	2021/10/17	02:31:39	6,703	-73,111	129,0	2,0	Jordán, Santander
919	2021/10/17	02:59:55	11,132	-72,456	79,0	4,0	Maicao, la Guajira
920	2021/10/17	03:55:48	11,48	-73,382	108,0	1,7	Mar Caribe
921	2021/10/17	04:02:15	5,467	-73,837	120,0	1,7	Simijaca, Cundinamarca
922	2021/10/17	04:07:53	11,7	-73,2	4,0	1,5	Mar Caribe
923	2021/10/17	04:25:49	6,766	-73,146	138,0	2,0	Los Santos, Santander
924	2021/10/17	04:51:09	5,071	-76,025	97,0	1,5	Santuario, Risaralda
925	2021/10/17	04:54:50	4,386	-76,141	117,0	1,5	Roldanillo, Valle del Cauca
926	2021/10/17	05:11:16	6,559	-73,536	100,0	1,5	El Carmen, Santander
927	2021/10/17	05:24:45	6,324	-73,628	106,0	1,3	Santa Helena del Opón, Santander
928	2021/10/17	05:26:11	11,056	-73,391	67,0	1,4	Dibulla, la Guajira
929	2021/10/17	05:30:57	1,9	-75,992	30,0	2,3	Timaná, Huila
930	2021/10/17	05:54:31	6,822	-73,19	128,0	1,6	Zapatoca, Santander
931	2021/10/17	05:56:24	0,988	-77,458	13,0	1,8	Funes, Nariño
932	2021/10/17	06:15:58	6,764	-73,208	115,0	1,5	Villanueva, Santander
933	2021/10/17	06:24:16	6,771	-73,214	128,0	1,6	Zapatoca, Santander
934	2021/10/17	07:04:10	3,455	-74,183	17,0	1,7	Mesetas, Meta
935	2021/10/17	07:14:40	6,744	-73,2	136,0	2,2	Villanueva, Santander
936	2021/10/17	07:58:45	2,633	-77,348	62,0	1,1	Timbiquí, Cauca
937	2021/10/17	08:24:14	6,741	-73,248	125,0	1,8	Zapatoca, Santander
938	2021/10/17	08:33:47	5,276	-73,722	133,0	1,7	Lenguazaque, Cundinamarca
939	2021/10/17	08:56:14	6,571	-74,719	17,0	0,9	Maceo, Antioquia
940	2021/10/17	09:18:24	6,732	-73,201	121,0	1,7	Villanueva, Santander
941	2021/10/17	09:34:21	6,234	-73,877	55,0	1,1	Landázuri, Santander
942	2021/10/17	09:58:29	6,746	-73,186	133,0	1,5	Villanueva, Santander
943	2021/10/17	10:14:10	6,57	-72,192	16,0	1,6	Guicán, Boyacá
944	2021/10/17	10:18:03	4,369	-75,388	175,0	2,0	Ibagué, Tolima
945	2021/10/17	11:05:02	6,777	-73,158	135,0	1,6	Los Santos, Santander
946	2021/10/17	11:10:50	7,71	-74,983	45,0	1,3	Caucasia, Antioquia
947	2021/10/17	12:34:55	5,269	-73,757	134,0	1,9	Cucunubá, Cundinamarca
948	2021/10/17	14:01:10	6,322	-74,292	65,0	1,1	Cimitarra, Santander
949	2021/10/17	14:31:06	4,929	-75,975	103,0	1,9	Balboa, Risaralda
950	2021/10/17	15:04:31	6,555	-73,133	151,0	1,8	San Gil, Santander
951	2021/10/17	15:08:09	6,703	-72,722	139,0	1,7	Málaga, Santander
952	2021/10/17	15:17:05	6,749	-73,236	131,0	1,8	Zapatoca, Santander
953	2021/10/17	15:21:09	3,463	-74,222	10,0	1,5	Mesetas, Meta
954	2021/10/17	15:43:51	6,709	-76,626	10,0	1,9	Murindó, Antioquia
955	2021/10/17	15:51:37	6,301	-73,516	119,0	3,3	Contratación, Santander
956	2021/10/17	16:02:53	6,449	-73,632	100,0	1,2	Santa Helena del Opón, Santander
957	2021/10/17	16:34:07	5,146	-76,234	88,0	2,9	San José del Palmar, Chocó
958	2021/10/17	17:45:14	6,766	-73,231	123,0	1,8	Zapatoca, Santander
959	2021/10/17	18:04:53	5,598	-76,175	9,0	1,2	Bagadó, Chocó
960	2021/10/17	18:17:54	6,753	-73,198	132,0	2,3	Villanueva, Santander
961	2021/10/17	19:11:15	6,802	-73,208	145,0	2,1	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
962	2021/10/17	19:19:11	6,223	-72,881	26,0	1,7	Coromoro, Santander
963	2021/10/17	20:21:43	6,6	-73,616	120,0	1,5	El Carmen, Santander
964	2021/10/17	21:08:08	5,055	-75,981	116,0	1,4	Santuario, Risaralda
965	2021/10/17	21:32:34	6,762	-73,227	130,0	1,9	Zapatoca, Santander
966	2021/10/17	22:34:47	6,294	-74,58	21,0	0,8	Puerto Berrío, Antioquia
967	2021/10/17	22:36:19	6,707	-73,171	134,0	2,2	Villanueva, Santander
968	2021/10/17	22:38:40	6,795	-73,179	141,0	2,2	Los Santos, Santander
969	2021/10/17	23:36:48	6,486	-74,633	36,0	0,9	Puerto Berrío, Antioquia
970	2021/10/17	23:49:53	6,737	-73,146	142,0	1,6	Los Santos, Santander
971	2021/10/17	23:59:10	6,808	-73,178	136,0	1,7	Los Santos, Santander
972	2021/10/18	00:48:13	3,882	-76,124	2,0	1,4	Buga, Valle del Cauca
973	2021/10/18	01:29:16	6,636	-73,658	97,0	1,3	El Carmen, Santander
974	2021/10/18	01:35:58	3,047	-74,933	5,0	1,3	Baraya, Huila
975	2021/10/18	01:38:16	6,484	-73,41	123,0	2,3	Simacota, Santander
976	2021/10/18	03:08:51	4,379	-76,297	103,0	2,4	Bolívar, Valle del Cauca
977	2021/10/18	03:41:36	6,847	-76,694	1,0	2,0	Murindó, Antioquia
978	2021/10/18	04:01:40	10,904	-73,74	13,0	1,1	Santa Marta, Magdalena
979	2021/10/18	04:14:18	6,894	-76,497	1,0	1,5	Dabeiba, Antioquia
980	2021/10/18	05:37:48	3,455	-74,201	9,0	1,5	Mesetas, Meta
981	2021/10/18	05:37:55	5,677	-75,924	26,0	1,1	Andes, Antioquia
982	2021/10/18	05:43:30	6,743	-73,135	157,0	1,5	Los Santos, Santander
983	2021/10/18	06:28:38	6,87	-73,134	151,0	2,7	Los Santos, Santander
984	2021/10/18	06:32:44	6,951	-73,24	142,0	1,3	Betulia, Santander
985	2021/10/18	06:47:12	6,745	-73,103	133,0	1,7	Los Santos, Santander
986	2021/10/18	06:54:56	6,771	-73,163	138,0	1,6	Los Santos, Santander
987	2021/10/18	06:56:50	6,843	-73,144	148,0	1,5	Los Santos, Santander
988	2021/10/18	07:14:10	5,144	-73,009	3,0	2,1	Páez, Boyacá
989	2021/10/18	07:33:09	6,804	-73,159	141,0	2,0	Los Santos, Santander
990	2021/10/18	08:01:14	6,779	-73,244	137,0	1,9	Zapatoca, Santander
991	2021/10/18	09:44:37	6,804	-73,137	145,0	1,7	Los Santos, Santander
992	2021/10/18	09:55:16	6,69	-73,18	129,0	1,7	Villanueva, Santander
993	2021/10/18	10:01:55	5,237	-73,971	119,0	1,8	Carmen de Carupa, Cundinamarca
994	2021/10/18	10:30:59	3,429	-74,778	36,0	1,5	Colombia, Huila
995	2021/10/18	10:40:04	6,321	-73,515	133,0	1,5	Contratación, Santander
996	2021/10/18	10:55:11	5,79	-73,88	103,0	1,4	Florián, Santander
997	2021/10/18	10:59:57	6,802	-73,148	153,0	1,9	Los Santos, Santander
998	2021/10/18	12:32:56	4,655	-76,686	40,0	2,7	Sipí, Chocó
999	2021/10/18	14:31:51	2,468	-75,528	31,0	1,3	Gigante, Huila
1000	2021/10/18	15:01:30	6,699	-73,167	141,0	2,0	Villanueva, Santander
1001	2021/10/18	17:25:21	11,338	-74,338	22,0	1,9	Mar Caribe
1002	2021/10/18	17:30:42	9,816	-73,543	0,0	2,3	Agustín Codazzi, Cesar
1003	2021/10/18	19:04:17	6,731	-73,17	141,0	2,2	Villanueva, Santander
1004	2021/10/18	19:23:11	6,555	-72,854	130,0	1,8	San Joaquín, Santander
1005	2021/10/18	19:34:11	6,771	-73,141	141,0	2,5	Los Santos, Santander
1006	2021/10/18	20:45:23	6,854	-73,196	150,0	1,8	Zapatoca, Santander
1007	2021/10/18	23:00:21	10,184	-73,072	125,0	2,4	La Paz, Cesar

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1008	2021/10/18	23:14:13	6,767	-73,16	140,0	2,3	Los Santos, Santander
1009	2021/10/19	00:18:35	6,753	-73,219	138,0	1,6	Zapatoca, Santander
1010	2021/10/19	01:09:23	6,779	-73,223	114,0	1,6	Zapatoca, Santander
1011	2021/10/19	01:12:50	9,085	-73,48	116,0	1,9	Chimichagua, Cesar
1012	2021/10/19	01:25:18	6,711	-73,158	127,0	1,7	Villanueva, Santander
1013	2021/10/19	01:39:08	6,284	-76,355	31,0	1,7	Urrao, Antioquia
1014	2021/10/19	01:53:54	5,947	-73,484	130,0	1,6	Togüí, Boyacá
1015	2021/10/19	02:19:16	3,433	-74,181	12,0	1,5	Mesetas, Meta
1016	2021/10/19	04:18:25	2,796	-76,914	118,0	2,8	El Tambo, Cauca
1017	2021/10/19	04:34:28	5,255	-73,709	134,0	1,6	Lenguazaque, Cundinamarca
1018	2021/10/19	04:52:19	6,773	-73,148	142,0	1,6	Los Santos, Santander
1019	2021/10/19	05:11:40	6,814	-73,215	147,0	2,9	Zapatoca, Santander
1020	2021/10/19	05:52:58	6,823	-73,123	148,0	1,8	Los Santos, Santander
1021	2021/10/19	06:04:12	4,366	-76,315	121,0	2,1	Bolívar, Valle del Cauca
1022	2021/10/19	06:10:02	6,814	-73,168	142,0	2,2	Los Santos, Santander
1023	2021/10/19	06:19:09	6,879	-73,13	148,0	1,9	Los Santos, Santander
1024	2021/10/19	07:01:49	6,796	-73,123	148,0	2,4	Los Santos, Santander
1025	2021/10/19	07:07:41	7,858	-75,066	14,0	2,9	Caucasia, Antioquia
1026	2021/10/19	07:20:21	6,625	-73,244	150,0	1,4	Barichara, Santander
1027	2021/10/19	07:32:08	6,81	-73,168	140,0	1,5	Los Santos, Santander
1028	2021/10/19	07:55:20	2,273	-75,42	0,0	1,1	Garzón, Huila
1029	2021/10/19	08:06:56	6,946	-73,14	146,0	1,8	Girón, Santander
1030	2021/10/19	08:09:19	6,762	-73,214	135,0	1,4	Villanueva, Santander
1031	2021/10/19	08:24:42	6,888	-73,172	141,0	1,5	Girón, Santander
1032	2021/10/19	08:44:02	6,951	-73,129	151,0	1,6	Girón, Santander
1033	2021/10/19	08:48:08	6,92	-73,084	148,0	1,7	Piedecuesta, Santander
1034	2021/10/19	09:07:06	6,416	-73,634	115,0	2,5	Santa Helena del Opón, Santander
1035	2021/10/19	09:19:41	8,112	-73,338	114,0	2,0	Ocaña, Norte de Santander
1036	2021/10/19	10:05:13	6,667	-73,246	143,0	1,5	Barichara, Santander
1037	2021/10/19	10:10:41	6,694	-73,278	145,0	1,5	Galán, Santander
1038	2021/10/19	10:33:49	5,739	-78,15	10,0	1,8	Océano Pacifico
1039	2021/10/19	12:05:13	6,657	-73,258	155,0	1,5	Barichara, Santander
1040	2021/10/19	12:18:53	2,468	-75,529	33,0	2,0	Gigante, Huila
1041	2021/10/19	12:36:00	6,974	-73,257	148,0	1,5	Girón, Santander
1042	2021/10/19	12:45:51	6,781	-73,096	148,0	1,8	Los Santos, Santander
1043	2021/10/19	12:51:59	10,911	-73,613	43,0	1,4	Dibulla, la Guajira
1044	2021/10/19	13:11:31	2,478	-75,493	33,0	2,1	Gigante, Huila
1045	2021/10/19	13:20:36	5,305	-73,753	135,0	2,6	Lenguazaque, Cundinamarca
1046	2021/10/19	14:14:46	5,922	-73,823	107,0	1,5	Sucre, Santander
1047	2021/10/19	14:29:55	7,04	-74,092	82,0	2,0	Yondó (Casabe), Antioquia
1048	2021/10/19	14:47:03	6,989	-73,525	121,0	1,2	San Vicente de Chucurí, Santander
1049	2021/10/19	15:16:41	6,7	-73,192	46,0	2,4	Barichara, Santander
1050	2021/10/19	15:42:45	6,753	-73,149	143,0	2,8	Los Santos, Santander
1051	2021/10/19	16:25:03	6,62	-73,24	150,0	1,6	Cabrera, Santander
1052	2021/10/19	16:39:28	6,808	-73,151	146,0	2,8	Los Santos, Santander
1053	2021/10/19	17:27:28	10,232	-73,736	137,0	2,1	Valledupar, Cesar

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1054	2021/10/19	17:33:21	5,277	-73,764	137,0	2,0	Cucunubá, Cundinamarca
1055	2021/10/19	17:35:28	6,679	-73,22	153,0	1,7	Barichara, Santander
1056	2021/10/19	18:24:05	6,817	-73,193	146,0	2,4	Zapatoca, Santander
1057	2021/10/19	18:39:40	6,851	-73,192	153,0	1,9	Zapatoca, Santander
1058	2021/10/19	19:26:59	6,75	-73,198	144,0	2,7	Villanueva, Santander
1059	2021/10/19	21:05:36	6,745	-73,159	136,0	1,9	Los Santos, Santander
1060	2021/10/19	21:34:57	6,664	-72,764	144,0	2,0	San José de Miranda, Santander
1061	2021/10/19	21:42:35	5,347	-76,382	52,0	3,0	Tadó, Chocó
1062	2021/10/19	21:53:26	6,15	-73,89	109,0	1,7	Bolívar, Santander
1063	2021/10/19	21:57:07	7,451	-74,828	21,0	1,8	Zaragoza, Antioquia
1064	2021/10/19	22:12:16	5,413	-73,774	133,0	2,2	Fúquene, Cundinamarca
1065	2021/10/19	22:26:17	6,617	-73,238	151,0	1,7	Cabrera, Santander
1066	2021/10/19	22:42:49	6,848	-73,205	153,0	1,6	Zapatoca, Santander
1067	2021/10/19	22:45:30	5,398	-72,359	56,0	1,6	Yopal, Casanare
1068	2021/10/19	22:48:10	1,956	-76,759	5,0	1,6	La Vega, Cauca
1069	2021/10/20	00:15:47	6,703	-73,184	126,0	1,9	Barichara, Santander
1070	2021/10/20	00:33:47	7,598	-73,103	125,0	1,5	El Playón, Santander
1071	2021/10/20	00:56:01	6,711	-73,176	125,0	2,2	Villanueva, Santander
1072	2021/10/20	00:57:33	1,912	-75,988	19,0	1,1	Timaná, Huila
1073	2021/10/20	01:47:35	6,765	-73,16	140,0	2,4	Los Santos, Santander
1074	2021/10/20	02:02:00	5,824	-76,789	2,0	1,8	Quibdó, Chocó
1075	2021/10/20	02:21:29	6,73	-73,131	124,0	1,8	Los Santos, Santander
1076	2021/10/20	02:33:04	6,813	-73,138	133,0	1,6	Los Santos, Santander
1077	2021/10/20	03:49:58	2,494	-75,481	38,0	1,2	Hobo, Huila
1078	2021/10/20	03:53:22	6,53	-76,768	5,0	1,6	Vigia del Fuerte, Antioquia
1079	2021/10/20	04:06:50	4,727	-74,872	38,0	1,2	Ambalema, Tolima
1080	2021/10/20	04:09:56	6,738	-73,179	133,0	2,5	Villanueva, Santander
1081	2021/10/20	04:21:01	7,444	-75,142	18,0	1,1	Cáceres, Antioquia
1082	2021/10/20	05:32:51	5,661	-73,936	104,0	1,5	Briceno, Boyacá
1083	2021/10/20	06:04:36	6,724	-73,141	130,0	1,8	Jordán, Santander
1084	2021/10/20	06:10:34	6,838	-73,167	146,0	1,6	Los Santos, Santander
1085	2021/10/20	06:16:02	6,77	-73,092	145,0	1,7	Los Santos, Santander
1086	2021/10/20	06:19:16	6,922	-73,438	128,0	1,5	San Vicente de Chucurí, Santander
1087	2021/10/20	06:47:20	2,387	-75,486	6,0	1,5	Gigante, Huila
1088	2021/10/20	07:14:07	6,381	-73,756	92,0	1,4	Landázuri, Santander
1089	2021/10/20	07:21:18	5,827	-75,935	39,0	2,1	Ciudad Bolívar, Antioquia
1090	2021/10/20	07:39:38	5,538	-73,033	0,0	1,5	Tota, Boyacá
1091	2021/10/20	07:42:51	7,072	-73,081	150,0	1,6	Floridablanca, Santander
1092	2021/10/20	07:42:58	5,03	-74,771	7,0	1,2	Armero (Guayabal), Tolima
1093	2021/10/20	08:28:02	10,475	-73,576	74,0	1,5	Pueblo Bello, Cesar
1094	2021/10/20	09:05:52	2,528	-76,796	135,0	1,7	El Tambo, Cauca
1095	2021/10/20	10:05:13	6,383	-73,671	101,0	1,6	Vélez, Santander
1096	2021/10/20	10:54:15	6,78	-73,118	143,0	1,5	Los Santos, Santander
1097	2021/10/20	10:56:54	6,823	-73,187	149,0	2,0	Zapatoca, Santander
1098	2021/10/20	12:05:05	4,714	-74,708	37,0	1,5	Pulí, Cundinamarca
1099	2021/10/20	12:09:56	6,784	-73,158	142,0	1,7	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1100	2021/10/20	12:18:09	6,758	-73,15	135,0	2,0	Los Santos, Santander
1101	2021/10/20	12:18:39	6,805	-72,136	22,0	1,8	Cubará, Boyacá
1102	2021/10/20	13:04:12	5,737	-76,158	38,0	1,0	El Carmen, Chocó
1103	2021/10/20	14:06:00	6,798	-73,564	142,0	1,4	El Carmen, Santander
1104	2021/10/20	14:19:12	6,788	-73,151	142,0	1,8	Los Santos, Santander
1105	2021/10/20	14:36:12	6,771	-73,218	139,0	2,2	Zapatoca, Santander
1106	2021/10/20	15:31:21	2,43	-75,372	23,0	2,1	Algeciras, Huila
1107	2021/10/20	16:12:27	6,83	-73,2	150,0	1,7	Zapatoca, Santander
1108	2021/10/20	17:37:33	6,715	-73,201	138,0	1,9	Barichara, Santander
1109	2021/10/20	17:56:39	2,508	-75,346	23,0	1,4	Algeciras, Huila
1110	2021/10/20	18:00:56	2,391	-75,112	13,0	1,2	Puerto Rico, Caquetá
1111	2021/10/20	20:59:07	6,935	-73,385	115,0	2,7	San Vicente de Chucurí, Santander
1112	2021/10/20	22:47:25	6,711	-73,158	145,0	2,2	Villanueva, Santander
1113	2021/10/20	23:01:46	6,671	-73,148	138,0	1,8	Villanueva, Santander
1114	2021/10/21	00:05:04	6,748	-73,207	136,0	1,6	Villanueva, Santander
1115	2021/10/21	00:23:32	6,728	-73,176	124,0	1,6	Villanueva, Santander
1116	2021/10/21	00:56:53	6,186	-73,786	93,0	1,1	Bolívar, Santander
1117	2021/10/21	01:13:36	5,146	-75,521	19,0	1,1	Neira, Caldas
1118	2021/10/21	03:24:34	6,482	-72,222	21,0	2,1	Guicán, Boyacá
1119	2021/10/21	03:36:11	6,765	-73,424	127,0	1,2	San Vicente de Chucurí, Santander
1120	2021/10/21	03:36:16	3,461	-74,213	12,0	1,8	Mesetas, Meta
1121	2021/10/21	03:41:04	6,885	-73,197	148,0	2,1	Zapatoca, Santander
1122	2021/10/21	03:42:40	6,011	-73,806	98,0	1,6	Bolívar, Santander
1123	2021/10/21	04:27:32	6,783	-73,189	135,0	2,1	Los Santos, Santander
1124	2021/10/21	04:34:04	6,742	-73,175	135,0	2,2	Villanueva, Santander
1125	2021/10/21	04:52:27	6,589	-73,56	105,0	1,2	El Carmen, Santander
1126	2021/10/21	04:57:23	2,824	-74,53	27,0	1,6	Uribe, Meta
1127	2021/10/21	04:58:40	6,026	-73,542	20,0	1,5	San José de Pare, Boyacá
1128	2021/10/21	05:12:50	8,014	-77,885	23,0	2,3	Panamá-Colombia
1129	2021/10/21	05:41:37	7,146	-73,921	91,0	2,0	Barrancabermeja, Santander
1130	2021/10/21	05:48:13	6,707	-73,129	143,0	2,0	Jordán, Santander
1131	2021/10/21	06:01:30	6,045	-74,034	0,0	0,7	Sucre, Santander
1132	2021/10/21	06:26:16	6,848	-73,187	149,0	2,4	Zapatoca, Santander
1133	2021/10/21	07:27:23	6,348	-73,587	113,0	1,5	Santa Helena del Opón, Santander
1134	2021/10/21	07:39:52	6,806	-73,3	135,0	1,3	Zapatoca, Santander
1135	2021/10/21	08:16:31	6,788	-73,157	147,0	2,3	Los Santos, Santander
1136	2021/10/21	08:21:24	6,738	-76,903	47,0	1,9	Vigia del Fuerte, Antioquia
1137	2021/10/21	08:37:38	3,617	-76,895	49,0	2,0	Buenaventura, Valle del Cauca
1138	2021/10/21	08:42:56	6,766	-73,159	136,0	1,7	Los Santos, Santander
1139	2021/10/21	08:47:02	6,744	-73,151	140,0	2,2	Los Santos, Santander
1140	2021/10/21	09:50:43	6,716	-73,225	149,0	1,5	Barichara, Santander
1141	2021/10/21	10:19:13	6,748	-73,432	120,0	1,4	San Vicente de Chucurí, Santander
1142	2021/10/21	11:19:43	6,73	-73,242	151,0	1,6	Zapatoca, Santander
1143	2021/10/21	11:43:23	3,08	-74,598	4,0	1,5	Uribe, Meta
1144	2021/10/21	12:24:04	6,646	-73,209	159,0	1,9	Barichara, Santander
1145	2021/10/21	12:46:21	6,503	-74,296	22,0	1,4	Cimitarra, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1146	2021/10/21	13:07:29	6,813	-73,196	146,0	1,8	Zapatoca, Santander
1147	2021/10/21	13:49:42	8,316	-72,669	25,0	1,9	Tibú, Norte de Santander
1148	2021/10/21	15:43:58	3,597	-74,484	27,0	2,2	Uribe, Meta
1149	2021/10/21	15:54:17	6,787	-73,429	116,0	2,0	San Vicente de Chucurí, Santander
1150	2021/10/21	16:07:31	6,743	-73,084	137,0	2,1	Los Santos, Santander
1151	2021/10/21	17:42:37	6,677	-73,489	111,0	1,6	El Carmen, Santander
1152	2021/10/21	19:29:01	6,813	-73,212	139,0	1,8	Zapatoca, Santander
1153	2021/10/21	19:57:08	6,838	-73,181	149,0	1,5	Zapatoca, Santander
1154	2021/10/21	20:51:20	6,806	-73,152	147,0	1,8	Los Santos, Santander
1155	2021/10/21	20:56:12	6,774	-73,142	133,0	2,4	Los Santos, Santander
1156	2021/10/21	21:05:21	6,841	-73,18	148,0	1,9	Zapatoca, Santander
1157	2021/10/21	21:16:25	6,746	-73,096	136,0	1,6	Los Santos, Santander
1158	2021/10/21	21:17:08	7,015	-75,728	4,0	1,4	Toledo, Antioquia
1159	2021/10/21	21:17:37	6,783	-73,137	139,0	2,1	Los Santos, Santander
1160	2021/10/21	21:55:13	6,844	-73,175	150,0	1,6	Zapatoca, Santander
1161	2021/10/21	22:10:31	6,79	-73,164	149,0	1,6	Los Santos, Santander
1162	2021/10/21	22:18:14	6,78	-73,185	134,0	2,8	Los Santos, Santander
1163	2021/10/22	00:00:15	10,087	-72,942	2,0	1,7	Agustín Codazzi, Cesar
1164	2021/10/22	00:17:04	6,761	-73,219	148,0	1,5	Zapatoca, Santander
1165	2021/10/22	00:54:04	6,622	-73,294	148,0	1,5	Galán, Santander
1166	2021/10/22	00:55:00	6,05	-73,766	106,0	1,4	Bolívar, Santander
1167	2021/10/22	02:33:07	6,767	-76,061	0,0	1,4	Cañasgordas, Antioquia
1168	2021/10/22	02:52:29	6,738	-73,155	135,0	2,0	Los Santos, Santander
1169	2021/10/22	03:05:06	6,728	-73,197	134,0	1,7	Villanueva, Santander
1170	2021/10/22	04:09:44	6,57	-74,174	34,0	0,9	Cimitarra, Santander
1171	2021/10/22	04:22:55	6,777	-73,203	138,0	2,0	Zapatoca, Santander
1172	2021/10/22	04:52:21	6,647	-71,73	31,0	1,5	Tame, Arauca
1173	2021/10/22	05:29:07	6,824	-73,198	150,0	1,9	Zapatoca, Santander
1174	2021/10/22	06:45:31	6,802	-73,074	146,0	1,8	Los Santos, Santander
1175	2021/10/22	07:08:37	6,786	-73,147	143,0	2,6	Los Santos, Santander
1176	2021/10/22	07:27:33	6,799	-73,16	145,0	2,3	Los Santos, Santander
1177	2021/10/22	07:53:23	6,82	-73,137	143,0	1,9	Los Santos, Santander
1178	2021/10/22	08:31:32	6,724	-73,159	133,0	2,0	Villanueva, Santander
1179	2021/10/22	10:20:56	8,512	-74,524	36,0	2,0	Achí, Bolívar
1180	2021/10/22	12:13:19	6,721	-73,162	137,0	2,3	Villanueva, Santander
1181	2021/10/22	12:25:53	6,812	-73,204	150,0	1,5	Zapatoca, Santander
1182	2021/10/22	12:52:09	6,769	-73,198	139,0	2,2	Los Santos, Santander
1183	2021/10/22	13:28:08	6,83	-73,172	145,0	1,6	Los Santos, Santander
1184	2021/10/22	14:41:22	6,676	-73,184	147,0	1,6	Villanueva, Santander
1185	2021/10/22	14:51:58	6,631	-73,295	126,0	1,7	Galán, Santander
1186	2021/10/22	15:08:10	8,115	-73,399	126,0	2,3	Ocaña, Norte de Santander
1187	2021/10/22	15:41:23	5,61	-72,458	22,0	2,0	Paya, Boyacá
1188	2021/10/22	15:42:00	5,595	-72,458	20,0	2,3	Paya, Boyacá
1189	2021/10/22	16:11:48	6,72	-73,146	133,0	1,9	Jordán, Santander
1190	2021/10/22	17:15:54	4,78	-76,119	103,0	2,6	Ansermanuevo, Valle del Cauca
1191	2021/10/22	17:25:47	6,732	-73,171	136,0	2,0	Villanueva, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1192	2021/10/22	17:29:18	9,588	-73,319	0,0	2,0	La Jagua de Ibirico, Cesar
1193	2021/10/22	18:45:06	6,34	-74,317	112,0	1,3	Cimitarra, Santander
1194	2021/10/22	19:29:08	2,441	-75,502	24,0	1,8	Gigante, Huila
1195	2021/10/22	19:52:30	6,696	-73,199	134,0	1,7	Barichara, Santander
1196	2021/10/22	21:47:35	6,761	-73,172	139,0	3,0	Los Santos, Santander
1197	2021/10/22	22:14:02	3,996	-75,283	49,0	2,2	Ortega, Tolima
1198	2021/10/22	22:16:56	6,72	-73,197	135,0	2,1	Barichara, Santander
1199	2021/10/22	22:30:27	6,824	-73,32	150,0	1,7	Zapatoca, Santander
1200	2021/10/22	22:59:55	6,705	-73,173	140,0	1,7	Villanueva, Santander
1201	2021/10/23	00:11:25	2,445	-75,489	25,0	2,1	Gigante, Huila
1202	2021/10/23	00:26:53	5,819	-76,12	28,0	1,1	El Carmen, Chocó
1203	2021/10/23	00:49:54	2,998	-74,778	20,0	1,1	Uribe, Meta
1204	2021/10/23	01:22:48	6,664	-74,561	17,0	0,8	Yolombó, Antioquia
1205	2021/10/23	02:01:52	8,745	-73,689	116,0	1,7	Pelaya, Cesar
1206	2021/10/23	02:21:52	2,038	-75,749	13,0	0,9	Altamira, Huila
1207	2021/10/23	02:27:56	4,547	-74,983	25,0	1,2	Alvarado, Tolima
1208	2021/10/23	02:32:14	5,394	-75,908	16,0	0,8	Mistrató, Risaralda
1209	2021/10/23	02:53:32	6,539	-73,512	112,0	1,4	El Carmen, Santander
1210	2021/10/23	03:09:21	5,449	-72,584	0,0	1,2	Labranzagrande, Boyacá
1211	2021/10/23	03:10:01	6,761	-73,164	139,0	3,0	Los Santos, Santander
1212	2021/10/23	03:31:20	5,745	-72,533	27,0	1,5	Pisva, Boyacá
1213	2021/10/23	03:41:40	6,784	-73,198	139,0	1,6	Los Santos, Santander
1214	2021/10/23	03:47:12	4,879	-73,272	19,0	1,5	Santa María, Boyacá
1215	2021/10/23	04:32:44	3,343	-74,341	66,0	1,5	Uribe, Meta
1216	2021/10/23	05:00:13	6,711	-73,146	137,0	1,6	Jordán, Santander
1217	2021/10/23	05:17:20	6,813	-73,171	130,0	1,6	Los Santos, Santander
1218	2021/10/23	05:58:36	6,789	-73,105	145,0	1,7	Los Santos, Santander
1219	2021/10/23	06:21:50	6,897	-73,138	146,0	1,5	Los Santos, Santander
1220	2021/10/23	06:50:18	4,468	-75,873	134,0	1,5	Montenegro, Quindío
1221	2021/10/23	06:51:14	3,031	-75,933	12,0	1,5	Planadas, Tolima
1222	2021/10/23	06:56:28	6,819	-73,19	151,0	1,6	Zapatoca, Santander
1223	2021/10/23	08:06:08	6,79	-73,103	145,0	1,7	Los Santos, Santander
1224	2021/10/23	08:09:20	6,73	-72,892	144,0	1,6	Cepitá, Santander
1225	2021/10/23	08:18:06	6,922	-73,245	132,0	1,3	Betulia, Santander
1226	2021/10/23	09:29:45	6,822	-73,17	143,0	2,4	Los Santos, Santander
1227	2021/10/23	09:45:26	6,585	-73,544	109,0	1,6	El Carmen, Santander
1228	2021/10/23	10:42:44	5,557	-74,069	105,0	1,3	Maripí, Boyacá
1229	2021/10/23	11:32:14	6,745	-73,193	137,0	1,6	Villanueva, Santander
1230	2021/10/23	11:59:01	6,669	-73,154	131,0	2,0	Villanueva, Santander
1231	2021/10/23	12:02:37	5,927	-72,567	19,0	1,4	Socotá, Boyacá
1232	2021/10/23	13:08:37	4,295	-75,053	22,0	1,4	Ibagué, Tolima
1233	2021/10/23	13:49:46	6,785	-73,349	124,0	1,9	Zapatoca, Santander
1234	2021/10/23	14:07:55	6,622	-72,49	148,0	1,8	Chiscas, Boyacá
1235	2021/10/23	14:43:00	8,586	-77,232	82,0	2,1	Mar Caribe
1236	2021/10/23	14:49:09	6,774	-73,165	154,0	1,6	Los Santos, Santander
1237	2021/10/23	14:53:31	7,552	-73,371	118,0	2,0	Rionegro, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1238	2021/10/23	15:11:36	6,508	-73,601	128,0	1,4	Santa Helena del Opón, Santander
1239	2021/10/23	15:29:26	6,72	-73,116	135,0	1,8	Jordán, Santander
1240	2021/10/23	15:39:25	6,901	-73,335	139,0	1,6	Zapatoca, Santander
1241	2021/10/23	16:30:50	6,148	-73,763	94,0	1,3	Bolívar, Santander
1242	2021/10/23	17:14:13	2,853	-76,613	114,0	1,5	Morales, Cauca
1243	2021/10/23	17:25:25	6,826	-73,192	146,0	1,5	Zapatoca, Santander
1244	2021/10/23	17:28:11	6,8	-73,161	139,0	1,5	Los Santos, Santander
1245	2021/10/23	17:41:34	5,95	-74,724	16,0	1,3	Puerto Triunfo, Antioquia
1246	2021/10/23	17:52:41	5,954	-75,795	22,0	1,2	Venecia, Antioquia
1247	2021/10/23	17:59:29	5,938	-73,771	106,0	1,5	Sucre, Santander
1248	2021/10/23	18:15:11	6,679	-73,182	126,0	1,6	Villanueva, Santander
1249	2021/10/23	19:44:10	4,489	-75,398	4,0	2,2	Área de Influencia Volcán Cerro Machín
1250	2021/10/23	19:54:36	6,838	-73,283	151,0	1,5	Zapatoca, Santander
1251	2021/10/23	20:39:59	6,748	-73,198	142,0	1,8	Villanueva, Santander
1252	2021/10/23	21:07:10	5,599	-74,283	80,0	1,6	Quípama, Boyacá
1253	2021/10/23	21:15:51	1,85	-76,147	17,0	1,3	Pitalito, Huila
1254	2021/10/23	22:01:10	5,81	-75,208	104,0	1,9	Sonsón, Antioquia
1255	2021/10/23	22:31:32	10,597	-73,498	4,0	1,8	Valledupar, Cesar
1256	2021/10/24	00:24:04	7,737	-77,069	46,0	1,4	Riosucio, Chocó
1257	2021/10/24	00:48:45	6,729	-72,843	133,0	1,7	San Andrés, Santander
1258	2021/10/24	01:00:32	6,793	-73,356	126,0	1,3	Zapatoca, Santander
1259	2021/10/24	01:05:22	6,786	-73,181	136,0	1,4	Los Santos, Santander
1260	2021/10/24	02:09:50	6,085	-73,304	164,0	1,9	Suaita, Santander
1261	2021/10/24	02:32:50	6,694	-73,197	138,0	1,7	Barichara, Santander
1262	2021/10/24	02:34:04	5,513	-73,786	119,0	1,6	San Miguel de Sema, Boyacá
1263	2021/10/24	02:40:56	6,66	-73,158	135,0	1,7	Villanueva, Santander
1264	2021/10/24	03:16:17	6,72	-73,18	141,0	1,7	Villanueva, Santander
1265	2021/10/24	03:21:39	7,33	-73,614	131,0	1,3	Sabana de Torres, Santander
1266	2021/10/24	03:23:48	6,148	-73,729	104,0	1,3	Vélez, Santander
1267	2021/10/24	03:43:52	7,334	-73,344	131,0	1,5	Lebrija, Santander
1268	2021/10/24	03:48:56	7,163	-73,076	140,0	1,6	Bucaramanga, Santander
1269	2021/10/24	03:59:30	5,952	-73,792	89,0	1,4	Bolívar, Santander
1270	2021/10/24	04:27:54	6,699	-73,133	134,0	1,9	Jordán, Santander
1271	2021/10/24	04:30:52	6,703	-73,141	129,0	1,8	Jordán, Santander
1272	2021/10/24	04:39:16	6,535	-73,548	122,0	1,3	El Carmen, Santander
1273	2021/10/24	05:24:28	7,909	-73,258	123,0	1,6	Ábrego, Norte de Santander
1274	2021/10/24	05:26:06	6,855	-76,58	0,0	1,9	Murindó, Antioquia
1275	2021/10/24	06:14:53	6,722	-73,2	147,0	1,7	Barichara, Santander
1276	2021/10/24	06:30:01	6,632	-73,426	134,0	1,4	El Carmen, Santander
1277	2021/10/24	06:48:17	4,472	-76,114	21,0	1,6	Roldanillo, Valle del Cauca
1278	2021/10/24	06:58:23	3,81	-73,658	13,0	1,9	Castilla la Nueva, Meta
1279	2021/10/24	07:32:55	3,149	-76,499	66,0	1,4	Villa Rica, Cauca
1280	2021/10/24	07:37:59	5,696	-74,26	17,0	1,3	Otanche, Boyacá
1281	2021/10/24	07:47:53	6,836	-73,196	141,0	1,6	Zapatoca, Santander
1282	2021/10/24	09:13:45	6,773	-73,131	136,0	1,9	Los Santos, Santander
1283	2021/10/24	09:27:34	4,492	-76,101	0,0	1,3	Roldanillo, Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1284	2021/10/24	09:48:36	6,748	-73,184	146,0	1,7	Villanueva, Santander
1285	2021/10/24	09:49:23	5,626	-73,995	112,0	3,2	Pauna, Boyacá
1286	2021/10/24	10:43:15	6,737	-73,176	136,0	2,1	Villanueva, Santander
1287	2021/10/24	10:43:19	2,748	-75,056	33,0	2,0	San Vicente del Caguán, Caquetá
1288	2021/10/24	10:49:35	4,855	-75,767	104,0	1,5	Pereira, Risaralda
1289	2021/10/24	11:25:37	6,72	-73,274	146,0	1,6	Zapatoca, Santander
1290	2021/10/24	11:28:07	6,817	-73,209	153,0	1,5	Zapatoca, Santander
1291	2021/10/24	11:44:04	6,755	-73,2	144,0	1,6	Villanueva, Santander
1292	2021/10/24	12:19:58	6,787	-73,193	136,0	2,0	Los Santos, Santander
1293	2021/10/24	12:31:10	5,68	-75,904	55,0	0,9	Andes, Antioquia
1294	2021/10/24	12:36:53	7,362	-71,885	7,0	1,7	Venezuela
1295	2021/10/24	13:02:05	6,74	-73,166	138,0	2,1	Los Santos, Santander
1296	2021/10/24	13:26:46	2,454	-75,525	27,0	1,2	Gigante, Huila
1297	2021/10/24	13:37:02	6,93	-74,569	27,0	1,6	Remedios, Antioquia
1298	2021/10/24	14:41:35	4,632	-75,53	12,0	1,0	Salento, Quindío
1299	2021/10/24	14:46:05	6,728	-73,236	136,0	1,8	Zapatoca, Santander
1300	2021/10/24	15:06:07	7,225	-72,852	138,0	1,6	Silos, Norte de Santander
1301	2021/10/24	15:23:48	6,424	-73,676	103,0	2,0	Vélez, Santander
1302	2021/10/24	15:48:02	6,749	-73,103	134,0	1,9	Los Santos, Santander
1303	2021/10/24	15:50:08	7,702	-74,811	47,0	1,6	Caucasia, Antioquia
1304	2021/10/24	16:21:29	6,766	-73,167	136,0	1,9	Los Santos, Santander
1305	2021/10/24	16:26:32	1,937	-75,763	1,0	1,2	Suaza, Huila
1306	2021/10/24	16:55:10	6,29	-73,62	115,0	1,7	El Guacamayo, Santander
1307	2021/10/24	17:18:46	2,034	-78,409	36,0	2,3	Roberto Payán (San José), Nariño
1308	2021/10/24	17:21:46	6,707	-73,193	135,0	1,8	Barichara, Santander
1309	2021/10/24	17:33:03	9,86	-73,619	0,0	2,1	Valledupar, Cesar
1310	2021/10/24	17:52:43	4,555	-77,596	0,0	2,4	Océano Pacifico
1311	2021/10/24	18:11:33	6,795	-73,168	136,0	3,1	Los Santos, Santander
1312	2021/10/24	18:24:16	6,9	-76,058	0,0	1,3	Cañasgordas, Antioquia
1313	2021/10/24	19:32:33	5,284	-73,736	139,0	2,3	Lenguazaque, Cundinamarca
1314	2021/10/24	19:44:02	6,931	-77,144	10,0	1,8	Carmen del Darién (Curbaradó), Chocó
1315	2021/10/24	19:57:42	4,371	-75,957	147,0	3,0	Zarzal, Valle del Cauca
1316	2021/10/24	21:26:24	6,746	-73,127	135,0	2,4	Los Santos, Santander
1317	2021/10/24	22:11:51	6,741	-73,099	132,0	1,9	Los Santos, Santander
1318	2021/10/24	23:23:12	6,688	-73,105	135,0	1,9	Curití, Santander
1319	2021/10/25	00:02:33	6,774	-73,196	143,0	2,5	Los Santos, Santander
1320	2021/10/25	00:41:32	5,071	-74,854	4,0	0,6	Armero (Guayabal), Tolima
1321	2021/10/25	00:58:16	6,855	-73,266	116,0	1,5	Betulia, Santander
1322	2021/10/25	01:04:36	2,607	-74,348	29,0	1,8	Uribe, Meta
1323	2021/10/25	01:09:30	6,665	-73,291	123,0	1,7	Galán, Santander
1324	2021/10/25	01:45:04	6,517	-72,182	0,0	1,3	Guicán, Boyacá
1325	2021/10/25	01:54:56	6,94	-73,07	152,0	1,5	Piedecuesta, Santander
1326	2021/10/25	02:17:37	6,784	-73,198	139,0	1,7	Los Santos, Santander
1327	2021/10/25	02:27:43	6,769	-73,205	143,0	3,3	Zapatoca, Santander
1328	2021/10/25	02:40:20	5,712	-76,71	37,0	2,1	Quibdó, Chocó
1329	2021/10/25	03:22:43	5,269	-73,772	124,0	1,8	Cucunubá, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1330	2021/10/25	04:19:05	6,084	-75,995	38,0	2,5	Betulia, Antioquia
1331	2021/10/25	04:56:43	7,122	-77,172	18,0	1,9	Riosucio, Chocó
1332	2021/10/25	04:57:47	5,3	-78,194	32,0	2,0	Océano Pacífico
1333	2021/10/25	06:12:50	6,803	-73,19	140,0	2,3	Los Santos, Santander
1334	2021/10/25	06:36:54	11,168	-74,073	34,0	1,6	Santa Marta, Magdalena
1335	2021/10/25	07:06:34	6,815	-73,157	145,0	1,6	Los Santos, Santander
1336	2021/10/25	07:16:07	2,605	-77,162	76,0	2,4	El Tambo, Cauca
1337	2021/10/25	07:40:31	6,793	-73,161	149,0	1,7	Los Santos, Santander
1338	2021/10/25	07:41:35	6,011	-73,772	94,0	1,4	Bolívar, Santander
1339	2021/10/25	08:26:13	3,556	-76,53	111,0	2,0	Yumbo, Valle del Cauca
1340	2021/10/25	08:49:53	6,72	-73,167	135,0	2,2	Villanueva, Santander
1341	2021/10/25	09:21:57	6,784	-73,159	144,0	1,6	Los Santos, Santander
1342	2021/10/25	09:41:20	7,207	-72,301	5,0	1,5	Toledo, Norte de Santander
1343	2021/10/25	10:10:14	5,267	-73,742	146,0	2,3	Cucunubá, Cundinamarca
1344	2021/10/25	10:53:24	5,285	-73,747	140,0	2,7	Cucunubá, Cundinamarca
1345	2021/10/25	10:56:41	7,37	-73,15	130,0	1,7	Rionegro, Santander
1346	2021/10/25	11:16:44	6,682	-73,193	134,0	1,7	Barichara, Santander
1347	2021/10/25	11:59:49	6,745	-73,27	133,0	1,7	Zapatoca, Santander
1348	2021/10/25	12:03:22	7,082	-74,415	213,0	2,0	Remedios, Antioquia
1349	2021/10/25	12:07:14	6,291	-73,117	33,0	1,3	Charalá, Santander
1350	2021/10/25	12:09:37	6,106	-74,016	0,0	0,9	El Peñón, Santander
1351	2021/10/25	12:28:42	5,313	-73,734	136,0	2,2	Lenguazaque, Cundinamarca
1352	2021/10/25	12:32:43	7,488	-73,085	167,0	2,0	El Playón, Santander
1353	2021/10/25	12:34:29	6,836	-73,022	149,0	2,1	Los Santos, Santander
1354	2021/10/25	12:40:11	6,673	-72,281	125,0	1,7	Guicán, Boyacá
1355	2021/10/25	12:54:36	5,943	-73,723	121,0	2,1	Guavatá, Santander
1356	2021/10/25	13:02:29	3,012	-74,818	33,0	1,6	Uribe, Meta
1357	2021/10/25	13:03:38	4,024	-76,376	112,0	1,5	Riofrío, Valle del Cauca
1358	2021/10/25	14:22:30	6,797	-73,177	146,0	3,5	Los Santos, Santander
1359	2021/10/25	14:33:16	5,24	-73,72	127,0	1,8	Cucunubá, Cundinamarca
1360	2021/10/25	14:49:10	4,691	-75,553	12,0	1,1	Salento, Quindío
1361	2021/10/25	15:48:10	8,239	-77,104	59,0	1,8	Unguía, Chocó
1362	2021/10/25	16:43:08	6,641	-73,211	145,0	1,5	Barichara, Santander
1363	2021/10/25	16:47:08	6,762	-73,107	135,0	1,6	Los Santos, Santander
1364	2021/10/25	17:12:42	6,045	-76,5	58,0	1,4	Medio Atrato (Beté), Chocó
1365	2021/10/25	18:19:35	6,704	-73,142	135,0	2,4	Jordán, Santander
1366	2021/10/25	18:43:41	2,909	-74,875	32,0	1,8	San Vicente del Caguán, Caquetá
1367	2021/10/25	18:52:07	6,761	-73,127	134,0	2,4	Los Santos, Santander
1368	2021/10/25	19:07:39	6,793	-73,142	143,0	2,3	Los Santos, Santander
1369	2021/10/25	19:11:31	6,752	-73,149	149,0	1,8	Los Santos, Santander
1370	2021/10/25	19:32:33	6,339	-76,535	32,0	2,5	Vigia del Fuerte, Antioquia
1371	2021/10/25	21:28:31	6,363	-73,573	121,0	2,4	Santa Helena del Opón, Santander
1372	2021/10/25	23:59:37	6,762	-73,176	134,0	1,8	Los Santos, Santander
1373	2021/10/26	00:42:33	6,81	-73,16	136,0	1,9	Los Santos, Santander
1374	2021/10/26	00:52:45	3,938	-76,317	121,0	1,6	Buga, Valle del Cauca
1375	2021/10/26	00:55:37	6,452	-73,507	112,0	1,3	Santa Helena del Opón, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1376	2021/10/26	01:12:56	7,439	-74,883	19,0	1,0	Zaragoza, Antioquia
1377	2021/10/26	01:45:00	2,19883	-76,4985	11,0	2,9	Área de Influencia Volcán Sotará
1378	2021/10/26	03:12:25	2,898	-78,117	19,0	1,5	Océano Pacífico
1379	2021/10/26	03:56:47	6,813	-73,416	107,0	1,4	San Vicente de Chucurí, Santander
1380	2021/10/26	03:59:58	6,699	-73,158	133,0	1,9	Villanueva, Santander
1381	2021/10/26	04:05:45	6,673	-73,296	95,0	1,5	Galán, Santander
1382	2021/10/26	04:18:04	6,012	-72,496	16,0	1,7	Chita, Boyacá
1383	2021/10/26	04:30:59	1,986	-75,074	22,0	1,4	Puerto Rico, Caquetá
1384	2021/10/26	04:38:31	4,166	-75,246	17,0	0,8	Rovira, Tolima
1385	2021/10/26	04:46:56	6,715	-73,158	133,0	1,9	Villanueva, Santander
1386	2021/10/26	05:32:52	6,703	-73,094	134,0	1,9	Aratoca, Santander
1387	2021/10/26	05:37:53	6,775	-73,124	139,0	2,0	Los Santos, Santander
1388	2021/10/26	05:59:00	10,29	-73,051	131,0	3,0	La Paz, Cesar
1389	2021/10/26	06:10:21	6,859	-73,21	135,0	2,0	Zapatoca, Santander
1390	2021/10/26	06:11:14	6,781	-73,122	133,0	2,1	Los Santos, Santander
1391	2021/10/26	06:38:09	6,826	-73,146	138,0	2,5	Los Santos, Santander
1392	2021/10/26	06:49:10	6,779	-73,137	132,0	1,9	Los Santos, Santander
1393	2021/10/26	06:58:23	4,5	-73,247	0,0	1,4	Medina, Cundinamarca
1394	2021/10/26	07:09:49	6,773	-76,18	0,0	1,4	Frontino, Antioquia
1395	2021/10/26	07:12:02	2,423	-75,615	4,0	1,1	Paicol, Huila
1396	2021/10/26	08:01:06	6,056	-72,501	17,0	2,7	Chita, Boyacá
1397	2021/10/26	08:04:08	5,326	-73,721	142,0	2,5	Lenguazaque, Cundinamarca
1398	2021/10/26	08:42:50	9,536	-73,386	198,0	1,9	La Jagua de Ibirico, Cesar
1399	2021/10/26	09:10:52	6,744	-73,16	136,0	2,7	Los Santos, Santander
1400	2021/10/26	09:21:55	3,295	-75,126	35,0	1,4	Villavieja, Huila
1401	2021/10/26	10:43:22	6,795	-73,172	139,0	2,5	Los Santos, Santander
1402	2021/10/26	10:50:56	6,758	-73,129	124,0	1,7	Los Santos, Santander
1403	2021/10/26	11:38:35	6,48	-73,567	152,0	1,5	Santa Helena del Opón, Santander
1404	2021/10/26	12:17:52	6,75	-73,157	133,0	2,7	Los Santos, Santander
1405	2021/10/26	12:25:11	8,949	-73,397	29,0	1,3	El Carmen, Norte de Santander
1406	2021/10/26	13:49:00	6,922	-72,16	4,0	2,1	Cubará, Boyacá
1407	2021/10/26	14:03:38	4,94	-72,348	120,0	2,1	Maní, Casanare
1408	2021/10/26	14:29:41	8,723	-73,912	81,0	2,2	San Martín de Loba, Bolívar
1409	2021/10/26	15:19:24	5,379	-74,701	24,0	1,2	La Dorada, Caldas
1410	2021/10/26	15:24:44	6,711	-73,158	126,0	1,8	Villanueva, Santander
1411	2021/10/26	15:40:19	4,763	-76,251	98,0	1,5	El Cairo, Valle del Cauca
1412	2021/10/26	15:47:47	6,796	-73,161	150,0	1,8	Los Santos, Santander
1413	2021/10/26	16:49:31	6,498	-73,588	122,0	1,4	Santa Helena del Opón, Santander
1414	2021/10/26	17:09:54	6,78	-73,172	145,0	1,6	Los Santos, Santander
1415	2021/10/26	17:32:17	6,784	-73,228	150,0	4,1	Zapatoca, Santander
1416	2021/10/26	17:38:11	1,933	-76,025	24,0	1,6	Pitalito, Huila
1417	2021/10/26	17:48:30	6,754	-73,163	138,0	2,4	Los Santos, Santander
1418	2021/10/26	21:02:05	7,51	-76,465	100,0	1,7	Mutató, Antioquia
1419	2021/10/26	22:26:05	5,267	-73,781	138,0	2,1	Cucunubá, Cundinamarca
1420	2021/10/26	22:32:42	6,488	-73,372	129,0	1,9	Simacota, Santander
1421	2021/10/27	00:03:15	10,84	-72,883	93,0	1,9	Distracción, la Guajira

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1422	2021/10/27	01:46:56	10,805	-74,08	18,0	1,9	Ciénaga, Magdalena
1423	2021/10/27	02:43:13	6,425	-73,533	102,0	1,2	Santa Helena del Opón, Santander
1424	2021/10/27	03:12:08	6,711	-73,171	134,0	2,1	Villanueva, Santander
1425	2021/10/27	03:36:35	6,799	-73,166	144,0	2,4	Los Santos, Santander
1426	2021/10/27	03:46:15	3,768	-76,897	28,0	2,1	Buenaventura, Valle del Cauca
1427	2021/10/27	03:53:54	1,309	-79,459	125,0	2,1	Cerca de la Costa de Ecuador
1428	2021/10/27	05:15:06	5,345	-73,866	57,0	1,7	Carmen de Carupa, Cundinamarca
1429	2021/10/27	06:59:07	6,741	-73,124	136,0	2,0	Los Santos, Santander
1430	2021/10/27	07:19:54	5,958	-76,352	29,0	1,4	Quibdó, Chocó
1431	2021/10/27	07:21:39	6,77	-76,203	62,0	1,7	Frontino, Antioquia
1432	2021/10/27	07:27:46	6,452	-76,598	4,0	1,7	Vigia del Fuerte, Antioquia
1433	2021/10/27	07:45:49	6,834	-73,154	144,0	2,1	Los Santos, Santander
1434	2021/10/27	07:52:54	7,381	-75,416	43,0	2,1	Tarazá, Antioquia
1435	2021/10/27	08:07:09	6,758	-73,159	141,0	2,2	Los Santos, Santander
1436	2021/10/27	08:34:01	5,255	-73,718	142,0	1,9	Lenguazaque, Cundinamarca
1437	2021/10/27	09:02:06	2,7645	-76,129	6,0	3,7	Área de Influencia Volcán Nevado del Huila
1438	2021/10/27	09:13:32	6,063	-73,682	103,0	1,4	Chipatá, Santander
1439	2021/10/27	09:28:11	2,108	-75,642	34,0	1,1	Garzón, Huila
1440	2021/10/27	11:20:38	6,707	-73,073	136,0	1,9	Aratoca, Santander
1441	2021/10/27	11:22:08	4,052	-75,378	21,0	1,0	Rovira, Tolima
1442	2021/10/27	11:43:50	9,436	-73,618	34,0	1,7	Chiriguaná, Cesar
1443	2021/10/27	13:56:51	3,647	-76,824	99,0	2,8	Buenaventura, Valle del Cauca
1444	2021/10/27	14:24:36	6,789	-73,14	139,0	2,0	Los Santos, Santander
1445	2021/10/27	14:50:16	7,417	-73,151	133,0	1,7	Rionegro, Santander
1446	2021/10/27	15:45:23	4,917	-77,804	3,0	2,7	Océano Pacífico
1447	2021/10/27	17:03:31	6,854	-73,161	140,0	1,6	Los Santos, Santander
1448	2021/10/27	17:10:30	4,077	-75,278	21,0	1,1	Ortega, Tolima
1449	2021/10/27	17:23:06	5,622	-75,946	13,0	1,1	Andes, Antioquia
1450	2021/10/27	17:30:10	3,868	-76,705	51,0	2,3	Calima (El Darién), Valle del Cauca
1451	2021/10/27	18:18:13	6,895	-73,407	122,0	1,3	San Vicente de Chucurí, Santander
1452	2021/10/27	18:32:58	7,276	-73,439	8,0	1,3	Sabana de Torres, Santander
1453	2021/10/27	18:38:56	6,469	-75,992	5,0	1,9	Caicedo, Antioquia
1454	2021/10/27	19:03:21	1,929	-75,933	40,0	1,2	Tímaná, Huila
1455	2021/10/27	19:25:03	7,143	-73,229	23,0	1,6	Lebrija, Santander
1456	2021/10/27	19:43:07	6,511	-73,501	122,0	1,4	Simacota, Santander
1457	2021/10/27	19:53:07	6,42	-73,664	99,0	2,1	Santa Helena del Opón, Santander
1458	2021/10/27	19:57:07	7,111	-76,08	0,0	1,7	Dabeiba, Antioquia
1459	2021/10/27	21:20:19	6,798	-73,165	148,0	3,0	Los Santos, Santander
1460	2021/10/27	22:05:57	6,78	-73,145	140,0	2,5	Los Santos, Santander
1461	2021/10/27	22:18:00	7,186	-73,098	16,0	1,5	Bucaramanga, Santander
1462	2021/10/27	23:19:58	6,707	-73,133	123,0	2,0	Jordán, Santander
1463	2021/10/27	23:51:21	3,548	-74,414	19,0	1,5	Uribe, Meta
1464	2021/10/28	00:26:03	6,806	-73,158	142,0	1,7	Los Santos, Santander
1465	2021/10/28	00:52:00	6,918	-72,212	0,0	1,5	Cubará, Boyacá
1466	2021/10/28	00:56:59	6,228	-73,833	92,0	1,9	Landázuri, Santander
1467	2021/10/28	03:04:39	6,826	-73,159	146,0	1,6	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1468	2021/10/28	04:33:10	6,728	-73,197	137,0	2,0	Villanueva, Santander
1469	2021/10/28	04:39:41	6,788	-73,179	145,0	3,5	Los Santos, Santander
1470	2021/10/28	04:54:33	6,773	-73,148	143,0	3,2	Los Santos, Santander
1471	2021/10/28	05:39:09	6,677	-73,026	151,0	2,0	Aratoca, Santander
1472	2021/10/28	05:55:44	6,703	-73,116	131,0	1,9	Jordán, Santander
1473	2021/10/28	06:10:30	4,634	-75,017	22,0	0,8	Alvarado, Tolima
1474	2021/10/28	06:23:57	11,101	-74,082	33,0	2,1	Santa Marta, Magdalena
1475	2021/10/28	06:35:29	6,69	-73,124	132,0	1,8	Villanueva, Santander
1476	2021/10/28	06:56:24	2,5	-79,827	27,0	1,9	Océano Pacífico
1477	2021/10/28	07:01:32	6,775	-73,171	132,0	1,9	Los Santos, Santander
1478	2021/10/28	07:33:15	6,787	-73,12	138,0	1,8	Los Santos, Santander
1479	2021/10/28	07:38:14	6,238	-75,703	12,0	1,4	Heliconia, Antioquia
1480	2021/10/28	07:58:22	6,749	-73,164	143,0	1,7	Los Santos, Santander
1481	2021/10/28	08:11:03	6,348	-73,657	94,0	1,2	Santa Helena del Opón, Santander
1482	2021/10/28	08:16:50	6,231	-75,707	10,0	0,9	Heliconia, Antioquia
1483	2021/10/28	08:22:09	6,762	-73,159	127,0	1,6	Los Santos, Santander
1484	2021/10/28	08:24:55	7,071	-72,169	4,0	1,7	Toledo, Norte de Santander
1485	2021/10/28	08:27:35	5,848	-75,916	70,0	1,1	Ciudad Bolívar, Antioquia
1486	2021/10/28	08:44:36	4,767	-73,377	16,0	1,7	Gachalá, Cundinamarca
1487	2021/10/28	09:00:37	6,749	-73,129	141,0	1,8	Los Santos, Santander
1488	2021/10/28	09:08:12	7,517	-75,47	36,0	1,6	Tarazá, Antioquia
1489	2021/10/28	09:49:57	6,83	-73,159	135,0	2,0	Los Santos, Santander
1490	2021/10/28	09:56:08	6,84	-73,207	139,0	1,9	Zapatoca, Santander
1491	2021/10/28	10:02:00	3,172	-76,651	126,0	1,3	Jamundí, Valle del Cauca
1492	2021/10/28	10:25:25	6,511	-72,51	141,0	1,8	El Espino, Boyacá
1493	2021/10/28	11:58:57	6,749	-73,231	146,0	1,8	Zapatoca, Santander
1494	2021/10/28	12:35:44	6,81	-73,077	79,0	1,7	Los Santos, Santander
1495	2021/10/28	12:50:52	3,714	-74,36	32,0	1,6	Uribe, Meta
1496	2021/10/28	13:08:23	6,766	-73,12	133,0	2,0	Los Santos, Santander
1497	2021/10/28	13:31:56	6,754	-73,163	128,0	2,0	Los Santos, Santander
1498	2021/10/28	13:48:25	7,383	-75,69	42,0	1,6	Ituango, Antioquia
1499	2021/10/28	13:50:23	6,745	-73,167	138,0	2,1	Los Santos, Santander
1500	2021/10/28	14:44:05	5,716	-74,158	88,0	1,4	San Pablo de Borbur, Boyacá
1501	2021/10/28	15:18:22	6,114	-76,433	22,0	1,2	Medio Atrato (Beté), Chocó
1502	2021/10/28	15:19:58	11,811	-73,378	0,0	2,3	Mar Caribe
1503	2021/10/28	15:55:17	10,57	-73,51	8,0	1,9	Valledupar, Cesar
1504	2021/10/28	16:49:52	5,305	-73,744	139,0	2,8	Lenguazaque, Cundinamarca
1505	2021/10/28	17:09:58	6,838	-73,258	139,0	1,9	Zapatoca, Santander
1506	2021/10/28	17:41:30	6,853	-73,192	142,0	1,8	Zapatoca, Santander
1507	2021/10/28	17:57:27	6,789	-73,253	146,0	1,7	Zapatoca, Santander
1508	2021/10/28	18:52:33	6,765	-73,181	134,0	2,3	Los Santos, Santander
1509	2021/10/28	21:41:59	9,454	-73,347	42,0	1,4	Chiriguáná, Cesar
1510	2021/10/28	21:51:11	4,105	-75,491	24,0	1,8	Roncesvalles, Tolima
1511	2021/10/28	21:55:20	6,838	-73,14	148,0	2,0	Los Santos, Santander
1512	2021/10/28	21:57:43	10,544	-73,996	61,0	1,6	Aracataca, Magdalena
1513	2021/10/29	01:07:22	3,947	-76,253	85,0	1,4	Buga, Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1514	2021/10/29	01:23:54	6,48	-74,006	73,0	1,5	Cimitarra, Santander
1515	2021/10/29	01:44:31	6,804	-73,163	141,0	1,5	Los Santos, Santander
1516	2021/10/29	02:35:49	6,821	-73,171	144,0	2,1	Los Santos, Santander
1517	2021/10/29	02:42:57	6,815	-73,153	148,0	1,5	Los Santos, Santander
1518	2021/10/29	03:11:07	8,629	-73,128	2,0	1,8	El Tarra, Norte de Santander
1519	2021/10/29	03:39:07	7,591	-74,988	42,0	1,5	Zaragoza, Antioquia
1520	2021/10/29	03:51:21	6,781	-73,097	142,0	1,5	Los Santos, Santander
1521	2021/10/29	04:02:48	10,795	-74,07	13,0	1,3	Ciénaga, Magdalena
1522	2021/10/29	04:41:38	11,06	-72,612	0,0	1,2	Barrancas, la Guajira
1523	2021/10/29	04:55:59	6,792	-73,137	143,0	2,2	Los Santos, Santander
1524	2021/10/29	05:15:41	2,549	-75,313	24,0	1,5	Algeciras, Huila
1525	2021/10/29	05:50:59	6,791	-73,183	142,0	3,8	Los Santos, Santander
1526	2021/10/29	06:44:29	6,762	-73,176	137,0	2,1	Los Santos, Santander
1527	2021/10/29	07:21:29	2,441	-75,462	40,0	1,6	Gigante, Huila
1528	2021/10/29	07:33:22	6,444	-73,536	111,0	1,4	Santa Helena del Opón, Santander
1529	2021/10/29	08:28:04	6,216	-74,262	48,0	1,1	Cimitarra, Santander
1530	2021/10/29	09:41:11	6,735	-73,032	146,0	1,6	Aratoca, Santander
1531	2021/10/29	09:55:23	2,906	-77,563	32,0	1,8	Timbiquí, Cauca
1532	2021/10/29	10:03:46	5,293	-73,79	141,0	1,9	Ubaté, Cundinamarca
1533	2021/10/29	10:15:31	3,955	-76,214	132,0	2,1	San Pedro, Valle del Cauca
1534	2021/10/29	10:42:17	6,148	-73,09	65,0	1,8	Encino, Santander
1535	2021/10/29	10:45:22	6,734	-73,093	136,0	1,6	Los Santos, Santander
1536	2021/10/29	11:05:59	2,763	-77,049	107,0	1,3	El Tambo, Cauca
1537	2021/10/29	11:45:08	5,594	-74,342	77,0	1,5	Yacopí, Cundinamarca
1538	2021/10/29	13:03:26	7,202	-72,533	37,0	1,6	Labateca, Norte de Santander
1539	2021/10/29	13:06:25	2,643	-76,186	57,0	0,9	Páez (Belalcázar), Cauca
1540	2021/10/29	13:57:10	3,83	-76,056	179,0	2,0	Buga, Valle del Cauca
1541	2021/10/29	14:51:33	2,665	-77,178	4,0	1,1	El Tambo, Cauca
1542	2021/10/29	15:27:38	6,849	-73,311	122,0	2,1	Zapatoca, Santander
1543	2021/10/29	15:33:09	6,768	-73,126	139,0	1,9	Los Santos, Santander
1544	2021/10/29	16:49:03	6,784	-73,14	145,0	1,9	Los Santos, Santander
1545	2021/10/29	17:15:20	5,886	-72,971	0,0	1,8	Santa Rosa de Viterbo, Boyacá
1546	2021/10/29	17:22:28	7,301	-74,845	52,0	2,9	Zaragoza, Antioquia
1547	2021/10/29	17:31:19	9,765	-73,452	0,0	2,3	Becerrill, Cesar
1548	2021/10/29	17:34:18	6,732	-73,146	137,0	2,0	Los Santos, Santander
1549	2021/10/29	17:55:34	6,733	-73,142	136,0	2,3	Los Santos, Santander
1550	2021/10/29	18:49:21	2,715	-76,947	27,0	1,0	El Tambo, Cauca
1551	2021/10/29	20:17:23	6,415	-73,21	130,0	2,0	Socorro, Santander
1552	2021/10/29	20:32:16	6,764	-73,122	132,0	2,4	Los Santos, Santander
1553	2021/10/29	21:09:45	6,89	-74,987	31,0	1,5	Amalfi, Antioquia
1554	2021/10/29	21:43:45	2,14833	-76,5888	7,0	4,9	Área de Influencia Volcán Sotará
1555	2021/10/29	21:52:33	2,423	-79,647	0,0	2,9	Océano Pacífico
1556	2021/10/29	22:40:20	6,84	-73,167	145,0	2,6	Los Santos, Santander
1557	2021/10/29	22:46:44	3,484	-74,202	0,0	3,1	Mesetas, Meta
1558	2021/10/29	23:10:06	6,831	-73,119	152,0	1,8	Los Santos, Santander
1559	2021/10/29	23:36:15	3,943	-76,24	119,0	1,6	Buga, Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1560	2021/10/29	23:39:59	4,954	-74,137	0,0	1,3	Subachoque, Cundinamarca
1561	2021/10/30	00:27:32	4,751	-76,081	106,0	1,9	Ansermanuevo, Valle del Cauca
1562	2021/10/30	00:53:10	6,699	-73,214	127,0	1,8	Barichara, Santander
1563	2021/10/30	01:08:09	2,77016	-76,1236	7,0	2,6	Área de Influencia Volcán Nevado del Huila
1564	2021/10/30	01:20:33	6,682	-73,141	134,0	2,0	Villanueva, Santander
1565	2021/10/30	01:22:51	2,158	-76,5918	7,0	2,8	Área de Influencia Volcán Sotará
1566	2021/10/30	01:50:56	4,108	-76,394	112,0	3,4	Riofrio, Valle del Cauca
1567	2021/10/30	02:08:57	5,407	-73,799	128,0	1,7	Fúquene, Cundinamarca
1568	2021/10/30	03:49:26	2,629	-75,375	32,0	1,3	Campoalegre, Huila
1569	2021/10/30	05:38:49	6,758	-73,116	137,0	2,1	Los Santos, Santander
1570	2021/10/30	05:46:26	2,48	-77,157	31,0	1,4	El Tambo, Cauca
1571	2021/10/30	05:47:13	6,396	-73,571	157,0	1,4	Santa Helena del Opón, Santander
1572	2021/10/30	05:51:22	6,407	-76,765	1,0	1,8	Vigia del Fuerte, Antioquia
1573	2021/10/30	06:03:11	9,908	-73,426	107,0	1,7	Agustín Codazzi, Cesar
1574	2021/10/30	06:23:34	6,817	-73,154	134,0	1,7	Los Santos, Santander
1575	2021/10/30	06:25:27	6,593	-74,38	33,0	0,8	Cimitarra, Santander
1576	2021/10/30	06:58:20	8,432	-73,583	107,0	1,7	Aguachica, Cesar
1577	2021/10/30	07:39:36	6,754	-73,171	132,0	1,9	Los Santos, Santander
1578	2021/10/30	07:42:05	6,694	-73,197	140,0	1,6	Barichara, Santander
1579	2021/10/30	07:55:55	7,973	-77,315	0,0	2,0	Panamá-Colombia
1580	2021/10/30	08:15:57	6,79	-73,155	135,0	1,6	Los Santos, Santander
1581	2021/10/30	08:21:22	2,574	-75,27	28,0	1,5	Algeciras, Huila
1582	2021/10/30	08:24:56	6,783	-73,159	135,0	1,8	Los Santos, Santander
1583	2021/10/30	08:41:08	5,097	-74,575	35,0	1,1	Guaduas, Cundinamarca
1584	2021/10/30	08:56:45	4,602	-75,521	10,0	1,3	Salento, Quindío
1585	2021/10/30	09:02:23	6,694	-73,176	134,0	1,7	Villanueva, Santander
1586	2021/10/30	09:43:08	4,653	-75,568	17,0	1,5	Salento, Quindío
1587	2021/10/30	09:51:04	6,947	-74,076	30,0	1,3	Yondó (Casabe), Antioquia
1588	2021/10/30	09:55:36	6,696	-73,17	156,0	1,7	Villanueva, Santander
1589	2021/10/30	10:00:00	4,69	-76,812	3,0	2,0	Medio San Juan (Andagoya), Chocó
1590	2021/10/30	10:20:08	6,762	-73,201	128,0	1,5	Villanueva, Santander
1591	2021/10/30	10:32:41	8,376	-73,37	112,0	1,6	González, Cesar
1592	2021/10/30	11:14:16	4,38	-73,931	0,0	1,3	Cáqueza, Cundinamarca
1593	2021/10/30	11:43:50	6,761	-73,14	145,0	1,6	Los Santos, Santander
1594	2021/10/30	12:46:57	6,72	-73,223	126,0	1,9	Barichara, Santander
1595	2021/10/30	12:48:41	9,644	-74,92	14,0	2,1	Córdoba, Bolívar
1596	2021/10/30	12:54:18	4,666	-75,592	4,0	2,3	Salento, Quindío
1597	2021/10/30	12:56:11	10,302	-72,884	12,0	2,4	Venezuela
1598	2021/10/30	13:00:39	4,664	-75,6	4,0	2,5	Circasia, Quindío
1599	2021/10/30	13:04:03	4,67	-75,616	4,0	1,2	Filandia, Quindío
1600	2021/10/30	13:10:47	4,623	-75,546	11,0	1,2	Salento, Quindío
1601	2021/10/30	13:16:09	3,508	-74,207	7,0	1,3	Mesetas, Meta
1602	2021/10/30	13:18:59	6,597	-73,077	118,0	2,2	Curití, Santander
1603	2021/10/30	14:31:07	6,814	-73,094	142,0	1,3	Los Santos, Santander
1604	2021/10/30	14:48:09	6,801	-73,172	149,0	3,9	Los Santos, Santander
1605	2021/10/30	14:56:58	5,784	-74,235	81,0	1,1	Otanche, Boyacá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1606	2021/10/30	15:00:35	3,442	-74,184	9,0	3,3	Mesetas, Meta
1607	2021/10/30	15:09:16	3,461	-74,19	8,0	1,8	Mesetas, Meta
1608	2021/10/30	15:38:30	3,885	-77,214	19,0	1,4	Buenaventura, Valle del Cauca
1609	2021/10/30	16:39:03	6,787	-73,096	143,0	1,4	Los Santos, Santander
1610	2021/10/30	17:48:20	6,783	-73,146	140,0	2,1	Los Santos, Santander
1611	2021/10/30	17:56:39	5,423	-73,755	128,0	2,2	Fúquene, Cundinamarca
1612	2021/10/30	20:23:58	3,833	-76,295	130,0	1,2	Buga, Valle del Cauca
1613	2021/10/30	20:28:14	6,722	-73,157	151,0	1,3	Villanueva, Santander
1614	2021/10/30	20:53:47	6,882	-73,207	151,0	1,6	Zapatoca, Santander
1615	2021/10/30	21:44:24	6,522	-73,525	109,0	1,8	El Carmen, Santander
1616	2021/10/30	22:08:31	6,758	-73,104	145,0	2,4	Los Santos, Santander
1617	2021/10/30	23:56:15	2,938	-74,079	19,0	2,0	Mesetas, Meta
1618	2021/10/31	00:05:54	3,45	-74,187	10,0	2,5	Mesetas, Meta
1619	2021/10/31	00:14:48	7,548	-74,689	11,0	1,0	El Bagre, Antioquia
1620	2021/10/31	00:17:16	6,715	-73,141	135,0	2,1	Jordán, Santander
1621	2021/10/31	01:14:51	7,893	-74,3	14,0	1,8	Santa Rosa del Sur, Bolívar
1622	2021/10/31	01:24:32	3,43	-74,181	10,0	1,3	Mesetas, Meta
1623	2021/10/31	01:57:08	5,019	-77,726	1,0	2,0	Océano Pacífico
1624	2021/10/31	01:57:55	7,008	-73,168	144,0	1,7	Girón, Santander
1625	2021/10/31	03:20:49	6,817	-73,158	146,0	1,8	Los Santos, Santander
1626	2021/10/31	03:33:29	6,784	-73,178	153,0	1,8	Los Santos, Santander
1627	2021/10/31	04:01:52	4,636	-75,529	13,0	1,1	Salento, Quindío
1628	2021/10/31	05:26:31	7,372	-73,161	137,0	1,6	Rionegro, Santander
1629	2021/10/31	06:11:21	4,257	-76,006	155,0	3,1	Sevilla, Valle del Cauca
1630	2021/10/31	07:23:43	6,83	-73,135	157,0	1,7	Los Santos, Santander
1631	2021/10/31	07:47:09	6,804	-73,175	148,0	1,5	Los Santos, Santander
1632	2021/10/31	08:30:06	6,272	-74,252	16,0	1,7	Cimitarra, Santander
1633	2021/10/31	08:54:10	6,724	-73,15	130,0	1,7	Villanueva, Santander
1634	2021/10/31	09:09:53	2,343	-75,432	27,0	0,9	Gigante, Huila
1635	2021/10/31	09:55:23	6,699	-73,171	119,0	1,7	Villanueva, Santander
1636	2021/10/31	10:13:44	9,651	-73,033	0,0	1,5	Norte Colombia
1637	2021/10/31	11:11:09	6,764	-73,066	150,0	2,1	Los Santos, Santander
1638	2021/10/31	11:23:23	3,487	-74,233	1,0	1,2	Mesetas, Meta
1639	2021/10/31	11:33:52	7,4	-74,768	10,0	1,6	Zaragoza, Antioquia
1640	2021/10/31	11:56:18	6,346	-73,586	119,0	1,3	Santa Helena del Opón, Santander
1641	2021/10/31	12:28:20	6,76	-73,211	141,0	1,6	Villanueva, Santander
1642	2021/10/31	12:53:34	6,551	-73,583	109,0	1,1	El Carmen, Santander
1643	2021/10/31	13:05:03	6,788	-73,151	140,0	1,6	Los Santos, Santander
1644	2021/10/31	13:25:32	6,809	-73,206	142,0	1,7	Zapatoca, Santander
1645	2021/10/31	13:39:26	6,825	-73,189	147,0	1,7	Zapatoca, Santander
1646	2021/10/31	14:46:14	6,622	-73,414	121,0	1,3	El Carmen, Santander
1647	2021/10/31	15:31:50	2,07	-75,314	16,0	1,3	El Doncello, Caquetá
1648	2021/10/31	16:19:40	3,842	-77,018	28,0	1,5	Buenaventura, Valle del Cauca
1649	2021/10/31	16:55:46	6,676	-73,142	130,0	2,3	Villanueva, Santander
1650	2021/10/31	16:57:50	6,745	-73,073	120,0	1,9	Los Santos, Santander
1651	2021/10/31	17:23:04	9,22	-75,373	121,0	2,1	Sampués, Sucre

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1652	2021/10/31	17:28:09	6,832	-73,224	147,0	1,6	Zapatoca, Santander
1653	2021/10/31	17:41:29	6,732	-73,159	125,0	1,6	Villanueva, Santander
1654	2021/10/31	17:44:27	6,707	-73,137	135,0	2,0	Jordán, Santander
1655	2021/10/31	18:00:02	6,16	-73,24	142,0	1,7	Oiba, Santander
1656	2021/10/31	18:55:14	6,694	-73,141	130,0	1,8	Villanueva, Santander
1657	2021/10/31	19:23:03	6,913	-73,542	133,0	1,3	San Vicente de Chucurí, Santander
1658	2021/10/31	19:55:56	5,998	-73,853	71,0	1,2	Sucre, Santander
1659	2021/10/31	22:33:36	4,268	-76,212	90,0	1,8	Bolívar, Valle del Cauca
1660	2021/10/31	23:42:30	6,765	-73,157	132,0	2,1	Los Santos, Santander

Tabla 3.2: Eventos durante octubre de 2021

3.4 Mapa de sismicidad mensual octubre de 2021

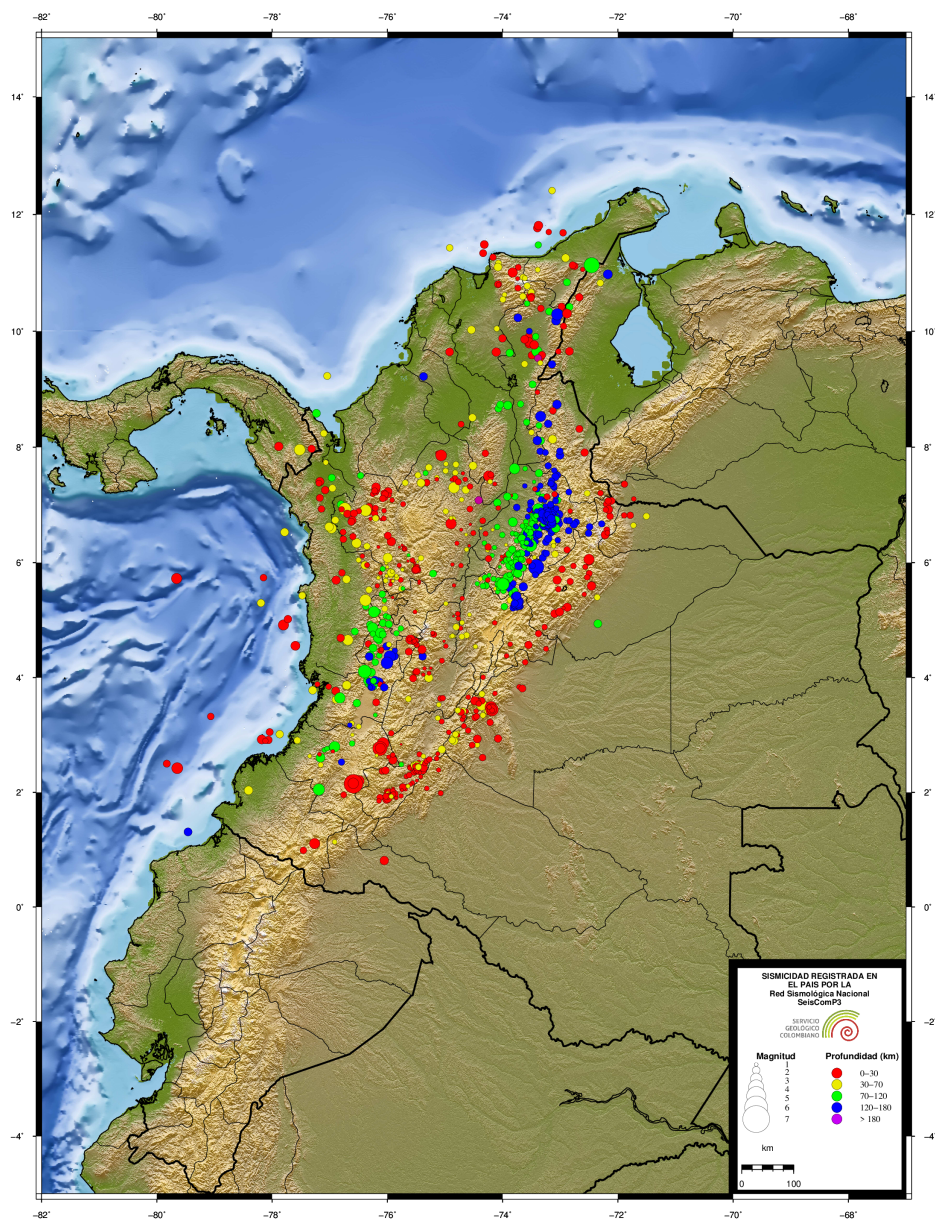


Figura 3.2: Eventos durante octubre de 2021

4

ESTADÍSTICAS DE LA SISMICIDAD

4.1 Errores

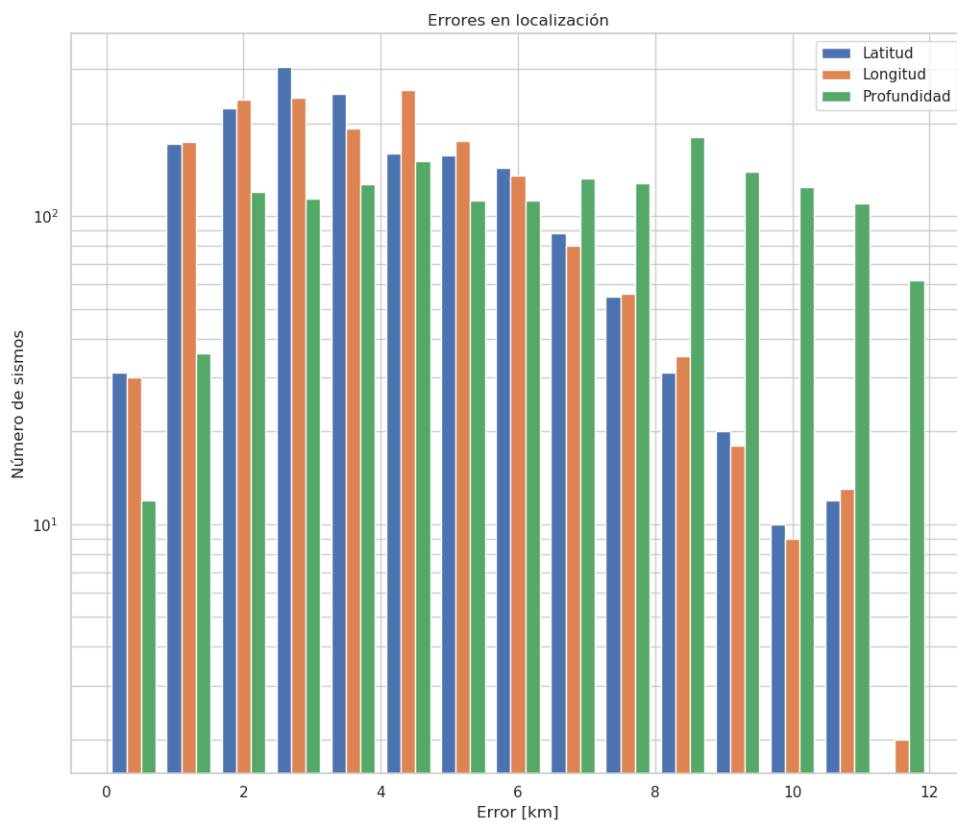


Figura 4.1: Error en latitud, longitud y profundidad (km)

4.2 Número de sismos

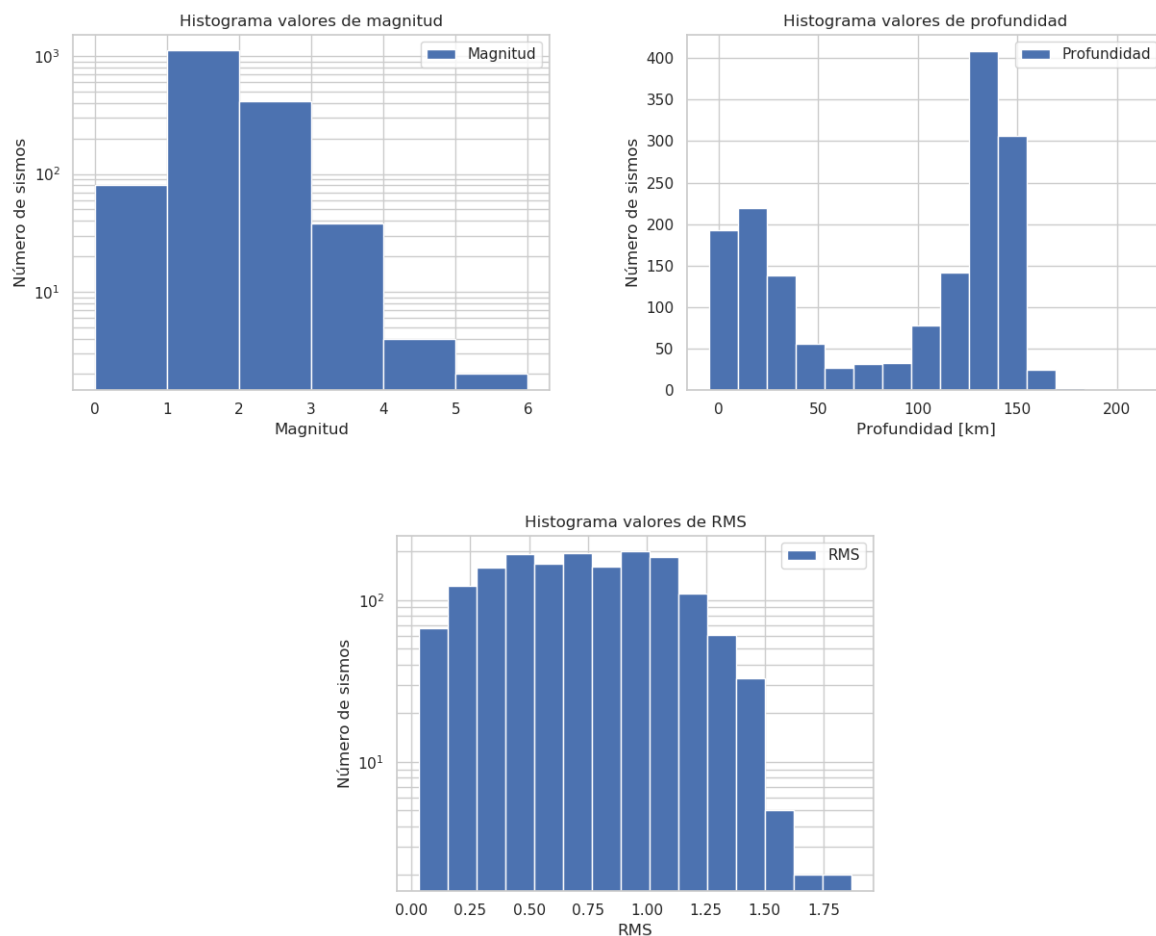


Figura 4.2: Número de eventos sísmicos por magnitud, profundidad y RMS.

4.3 Evolución Temporal

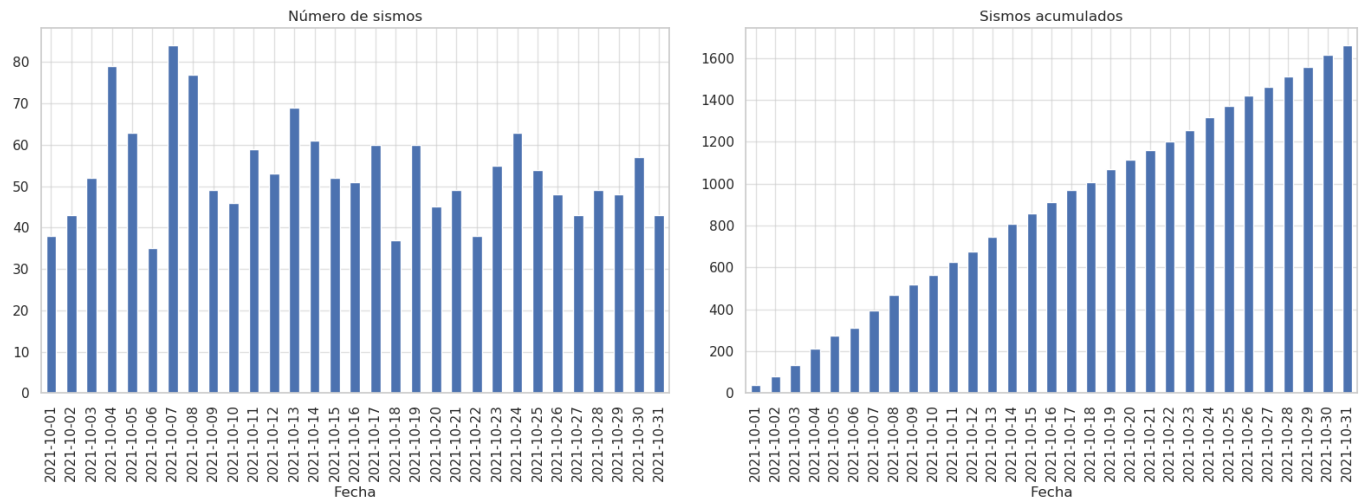


Figura 4.3: Número de eventos por días y acumulado por días

REFERENCIAS BIBLIOGRÁFICAS

Bormann, P. y Saul, J. (2008). The new IASPEI standard broadband magnitude mB. *Seismological Research Letters*, 79(5), 698-705.

Rengifo, F. y Ojeda, A. (2004). Inversión de amplitudes de registros sísmicos para el cálculo de magnitud M_L en Colombia. *Memorias I Congreso Latinoamericano de Sismología*.

Whitmore, P. M., Tsuboi, S., Hirshorn, B. y Sokolowski, T. J. (2002). Magnitude-dependent correction for Mwp. *Science of Tsunami Hazards*, 20(4), 187-192.