
BOLETÍN DE SISMOS

- » Octubre de 2020
- » Volumen 28, 10

Boletín de Sismos
Octubre de 2020

Servicio Geológico Colombiano

Bogotá, diciembre de 2020

BOLETÍN DE SISMOS

Publicado en diciembre de 2020

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 2020	9
3.1	Tabla de sismicidad destacada octubre de 2020	10
3.2	Mapa de sismicidad destacada octubre de 2020	11
3.3	Tabla de sismicidad mensual octubre de 2020	12
3.4	Mapa de sismicidad mensual octubre de 2020	57
4	Estadísticas de la sismicidad	58
4.1	Errores	58
4.2	Número de sismos	59
4.3	Evolución Temporal	60
	Referencias Bibliográficas	61

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

Fis. Emmanuel Castillo Taborda

Fis. Juan José Gómez

Geol. Miguel Ángel Cubillos

Geol. Lina María Pérez García

Geol. Daniel Martínez Jaramillo, Est. M.Sc.

Geol. Angel Daniel Agudelo Gonzalez

Ing. Johnatan Fandiño, Est. M.S.

Ing. Oscar Daniel Suárez Mejía

ÁREA DE SISMOLOGÍA

Fis. Patricia Pedraza García, M.Sc.

Fis. Daniel David Siervo Plata, M.Sc.

Geol. Lina Paola Aguirre López, M.Sc.

Geol. Omar Alfredo Mercado Díaz, M.Sc.

Geol. Fernando Garzón Varón, M.Sc.

Geol. Miguel Lizarazo, M.Sc.

Ing. Fis. Ruth Emilse Bolaños, M.Sc.

Lic. Fis. Edwin Fabián Mayorga López, M.Sc.

Lic. Fis. Hugo Esteban Poveda, Ph.D.

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. Johnatan Fernandez

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 Guillermo Araujo Moncayo,
M.Sc.

2 FUNCIONAMIENTO DE LAS ESTACIONES

2.1 Mapa de las estaciones

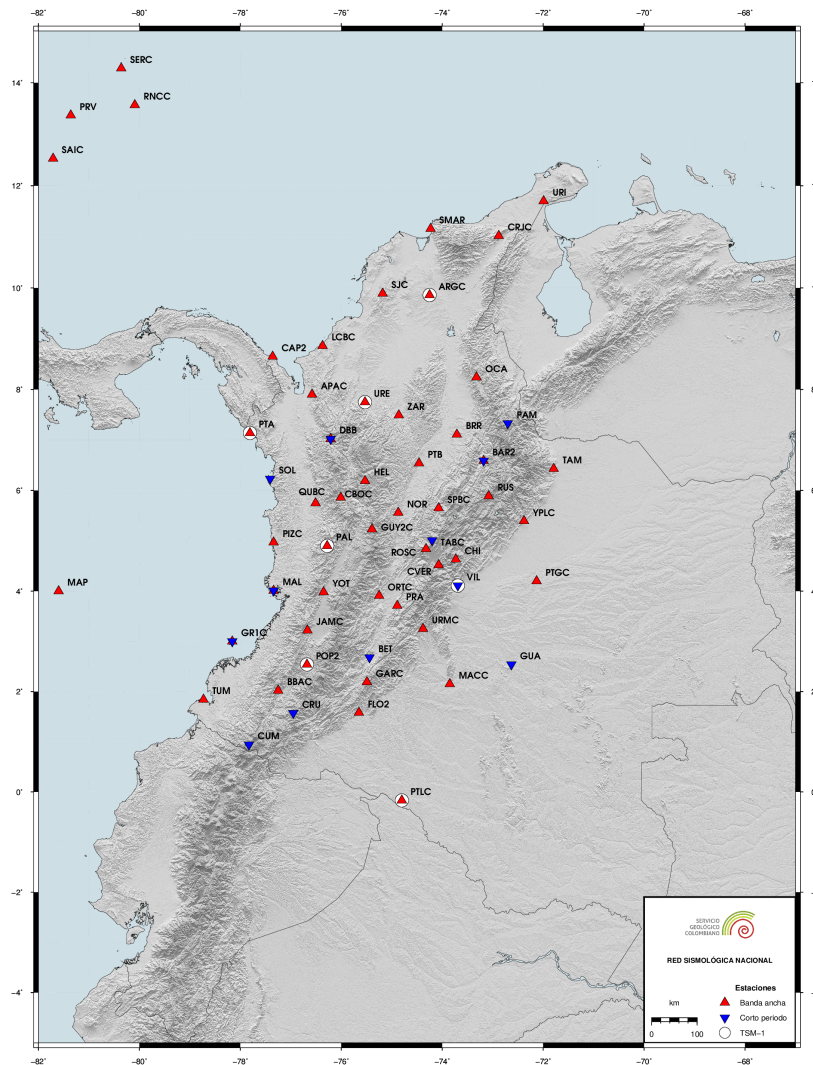


Figura 2.1: Localización de las estaciones de la RSNC.

2.2 Histograma de funcionamiento de las estaciones

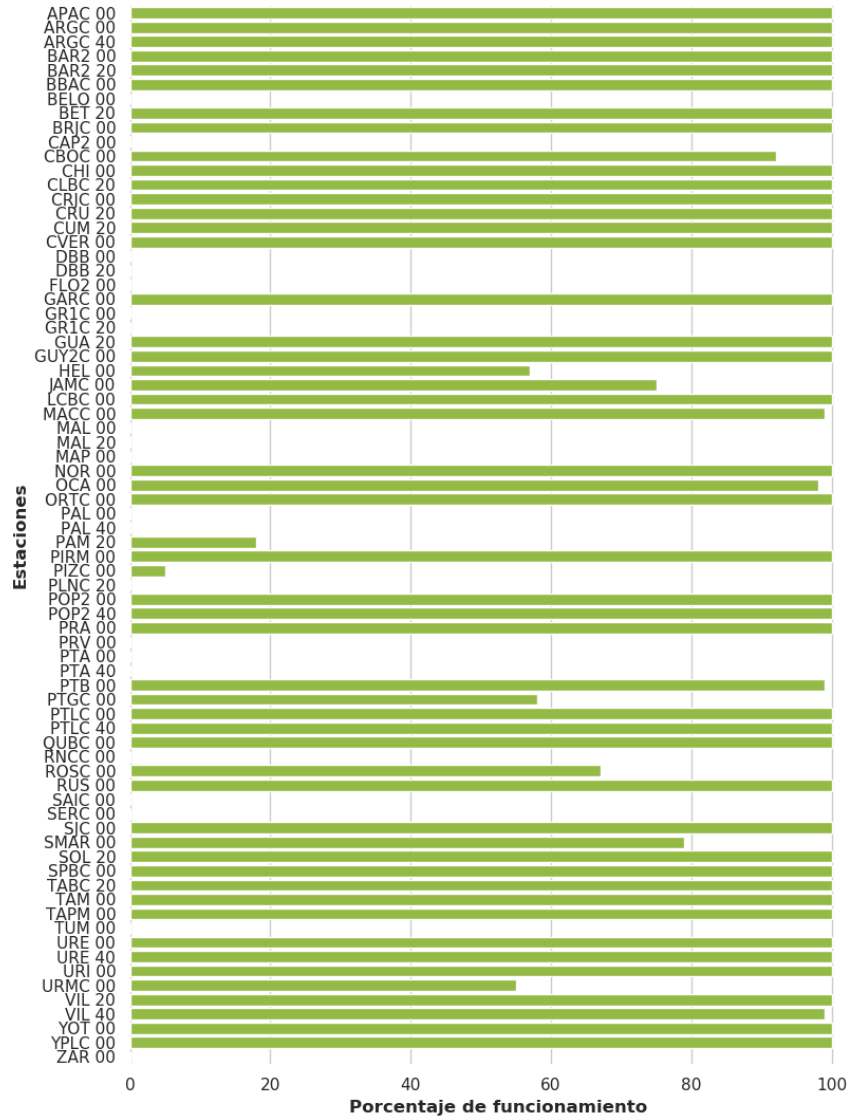


Figura 2.2: El porcentaje de funcionamiento es calculado según la disponibilidad de los datos.

3 Sismicidad de octubre de 2020

Durante el mes de octubre se registraron 2025 eventos, entre los cuales 1937 corresponden a eventos locales, 25 a eventos regionales, 34 a eventos en el Océano Pacífico, 12 a eventos en el Mar Caribe y 17 a eventos Volcánicos. De los eventos localizados, 29 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 $w_i = a_i * conteo_estaciones(M_i) + b_i$. 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 2020

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2020/10/03	05:57:13	0,797833	-77,9478	7,0	2,1	Área de influencia Complejo volcánico Chiles, Cerro Negro
2	2020/10/04	21:32:01	3,943	-71,411	0,0	4,4	Puerto Gaitán, Meta
3	2020/10/06	07:28:48	1,267	-77,247	8,0	2,5	Volcan Galeras
4	2020/10/08	03:30:01	3,06766	-75,924	5,0	4,1	Área de Influencia Volcán Nevado del Huila
5	2020/10/09	21:01:45	3,19	-82,547	0,0	4,4	Océano Pacífico
6	2020/10/10	07:54:46	4,31	-73,688	0,0	2,8	El Calvario, Meta
7	2020/10/10	16:33:46	0,814	-77,937	3,0	3,4	Área de influencia Complejo volcánico Chiles, Cerro Negro
8	2020/10/11	13:15:03	6,816	-73,23	150,0	4,1	Zapatoca, Santander
9	2020/10/13	17:04:30	4,985	-73,268	13,0	3,8	Macanal, Boyacá
10	2020/10/16	07:46:00	1,54	-76,8788	5,0	3,0	Área de Influencia Volcán Las Animas
11	2020/10/16	11:44:00	1,5425	-76,8823	5,0	3,2	Área de Influencia Volcán Las Animas
12	2020/10/16	16:08:00	1,53783	-76,8788	4,0	2,4	Área de Influencia Volcán Las Animas
13	2020/10/17	06:42:00	1,53417	-76,8742	4,0	2,5	Área de Influencia Volcán Las Animas
14	2020/10/17	13:00:00	1,53933	-76,8863	6,0	2,0	Área de Influencia Volcán Las Animas
15	2020/10/17	22:10:00	1,5385	-76,8792	5,0	2,9	Área de Influencia Volcán Las Animas
16	2020/10/18	00:38:00	1,53933	-76,8797	4,0	2,8	Área de Influencia Volcán Las Animas
17	2020/10/18	02:17:00	1,54017	-76,8803	4,0	2,0	Área de Influencia Volcán Las Animas
18	2020/10/18	07:54:00	1,53983	-76,8822	4,0	2,1	Área de Influencia Volcán Las Animas
19	2020/10/18	10:29:00	1,54067	-76,881	4,0	2,0	Área de Influencia Volcán Las Animas
20	2020/10/19	17:57:18	0,732	-77,879	8,0	3,0	Área de influencia Complejo volcánico Chiles, Cerro Negro
21	2020/10/22	15:39:12	6,82	-73,147	151,0	3,9	Los Santos, Santander
22	2020/10/25	18:37:38	5,648	-73,478	13,0	3,5	Chíquiza, Boyacá
23	2020/10/26	10:17:45	0,741	-77,897	8,0	3,1	Área de influencia Complejo volcánico Chiles, Cerro Negro
24	2020/10/26	10:58:11	0,731	-77,909	9,0	3,4	Área de influencia Complejo volcánico Chiles, Cerro Negro
25	2020/10/28	09:41:44	4,107	-75,006	20,0	3,0	Guamo, Tolima
26	2020/10/28	10:35:44	5,313	-73,783	148,0	3,9	Ubaté, Cundinamarca
27	2020/10/29	03:57:38	6,801	-73,185	143,0	4,6	Los Santos, Santander
28	2020/10/29	05:22:03	12,204	-70,748	7,0	4,3	Cerca de la Costa de Venezuela
29	2020/10/29	17:39:47	6,784	-73,237	151,0	4,2	Zapatoca, Santander

Tabla 3.1: Eventos destacados durante octubre de 2020

3.2 Mapa de sismicidad destacada octubre de 2020

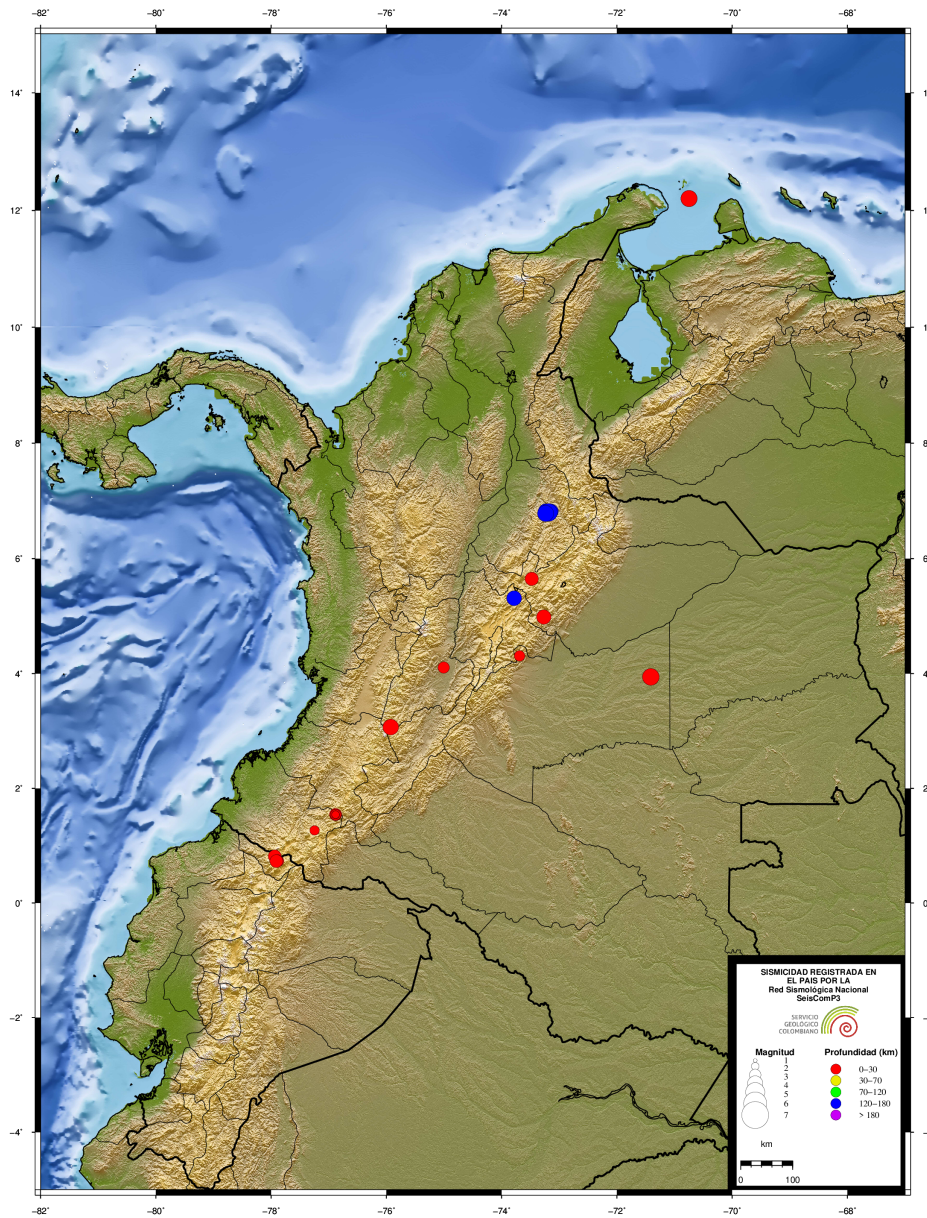


Figura 3.1: Eventos destacados durante octubre de 2020

3.3 Tabla de sismicidad mensual octubre de 2020

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2020/10/01	00:31:35	6,8	-73,17	141,0	1,8	Los Santos, Santander
2	2020/10/01	01:07:13	3,444	-74,205	7,0	1,8	Mesetas, Meta
3	2020/10/01	01:26:08	6,815	-73,148	146,0	2,7	Los Santos, Santander
4	2020/10/01	01:38:50	6,348	-73,652	97,0	2,1	Santa Helena del Opón, Santander
5	2020/10/01	01:46:43	6,893	-73,122	139,0	1,9	Los Santos, Santander
6	2020/10/01	01:57:14	6,446	-75,872	29,0	1,3	Santa Fe de Antioquia, Antioquia
7	2020/10/01	02:16:15	2,031	-76,121	3,0	2,1	Saladoblanco, Huila
8	2020/10/01	02:20:53	6,858	-73,374	115,0	2,1	San Vicente de Chucurí, Santander
9	2020/10/01	03:00:33	11,564	-74,208	13,0	2,0	Mar Caribe
10	2020/10/01	03:36:10	6,814	-73,18	150,0	2,0	Los Santos, Santander
11	2020/10/01	03:39:31	5,187	-75,139	105,0	1,3	Manzanares, Caldas
12	2020/10/01	03:45:52	5,417	-73,77	126,0	1,7	Fúquene, Cundinamarca
13	2020/10/01	03:48:21	7,479	-73,595	106,0	1,5	Sabana de Torres, Santander
14	2020/10/01	04:07:57	6,395	-73,696	109,0	1,7	Vélez, Santander
15	2020/10/01	04:10:52	1,262	-77,079	9,0	1,3	Buesaco, Nariño
16	2020/10/01	05:53:32	1,225	-78,757	81,0	1,4	Colombia-Ecuador
17	2020/10/01	05:59:09	11,026	-73,592	32,0	1,7	Dibulla, la Guajira
18	2020/10/01	06:28:57	6,934	-73,451	113,0	1,9	San Vicente de Chucurí, Santander
19	2020/10/01	07:21:17	11,817	-73,161	0,0	1,9	Mar Caribe
20	2020/10/01	07:24:14	11,241	-72,87	36,0	1,5	Riohacha, la Guajira
21	2020/10/01	07:27:05	2,109	-75,659	32,0	2,1	Garzón, Huila
22	2020/10/01	07:49:51	5,569	-72,711	33,0	2,0	Labranzagrande, Boyacá
23	2020/10/01	08:07:58	6,749	-73,15	134,0	1,6	Los Santos, Santander
24	2020/10/01	08:28:24	11,204	-72,833	36,0	1,6	Riohacha, la Guajira
25	2020/10/01	08:38:33	6,792	-73,193	137,0	1,7	Los Santos, Santander
26	2020/10/01	08:43:39	6,754	-73,141	139,0	1,8	Los Santos, Santander
27	2020/10/01	08:57:58	6,837	-73,168	149,0	2,4	Los Santos, Santander
28	2020/10/01	09:18:03	6,61	-73,174	150,0	1,7	Barichara, Santander
29	2020/10/01	10:06:23	6,775	-73,197	139,0	1,7	Los Santos, Santander
30	2020/10/01	10:20:46	6,779	-73,163	142,0	1,8	Los Santos, Santander
31	2020/10/01	10:21:22	5,839	-76,035	63,0	1,9	Ciudad Bolívar, Antioquia
32	2020/10/01	10:34:44	6,802	-73,184	151,0	1,6	Los Santos, Santander
33	2020/10/01	10:48:10	7,501	-75,37	47,0	1,9	Tarazá, Antioquia
34	2020/10/01	11:05:02	6,8	-73,21	130,0	1,7	Zapatoca, Santander
35	2020/10/01	11:07:11	4,382	-75,339	29,0	0,9	Ibagué, Tolima
36	2020/10/01	12:51:22	6,764	-73,156	142,0	2,2	Los Santos, Santander
37	2020/10/01	12:58:38	6,558	-73,551	112,0	2,0	El Carmen, Santander
38	2020/10/01	13:07:41	2,335	-75,61	23,0	1,5	Gigante, Huila
39	2020/10/01	13:55:32	6,775	-73,21	142,0	1,9	Zapatoca, Santander
40	2020/10/01	14:15:42	6,847	-73,201	148,0	2,3	Zapatoca, Santander
41	2020/10/01	14:49:07	4,71	-74,834	23,0	1,5	Venadillo, Tolima

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
42	2020/10/01	15:11:02	6,793	-73,2	144,0	1,7	Zapatoca, Santander
43	2020/10/01	16:38:45	5,4	-73,796	138,0	1,9	Fúquene, Cundinamarca
44	2020/10/01	16:59:25	5,526	-72,815	23,0	1,7	Aquitania, Boyacá
45	2020/10/01	17:05:24	6,813	-73,172	148,0	1,9	Los Santos, Santander
46	2020/10/01	17:18:42	6,784	-73,162	145,0	2,3	Los Santos, Santander
47	2020/10/01	17:50:03	6,814	-73,333	129,0	1,5	Zapatoca, Santander
48	2020/10/01	17:59:58	6,779	-73,161	148,0	1,4	Los Santos, Santander
49	2020/10/01	18:30:42	3,894	-71,439	6,0	2,5	Puerto Gaitán, Meta
50	2020/10/01	18:57:14	9,656	-72,826	3,0	1,8	Venezuela
51	2020/10/01	21:48:53	6,819	-73,183	146,0	2,4	Zapatoca, Santander
52	2020/10/01	21:49:33	2,623	-75,198	28,0	2,6	Algeciras, Huila
53	2020/10/01	23:37:38	2,287	-75,008	52,0	1,3	Puerto Rico, Caquetá
54	2020/10/02	00:11:23	6,848	-73,165	147,0	1,5	Los Santos, Santander
55	2020/10/02	00:50:41	5,598	-74,383	80,0	2,0	Yacopí, Cundinamarca
56	2020/10/02	01:05:30	3,092	-78,023	28,0	1,7	Océano Pacífico
57	2020/10/02	01:43:48	6,839	-73,158	145,0	2,2	Los Santos, Santander
58	2020/10/02	01:57:48	6,219	-73,738	103,0	1,3	Vélez, Santander
59	2020/10/02	02:23:15	6,871	-73,138	149,0	2,0	Los Santos, Santander
60	2020/10/02	02:34:20	6,797	-73,136	143,0	1,3	Los Santos, Santander
61	2020/10/02	02:58:28	6,776	-73,149	140,0	2,2	Los Santos, Santander
62	2020/10/02	03:10:04	6,804	-73,159	142,0	2,1	Los Santos, Santander
63	2020/10/02	03:15:08	6,779	-73,133	138,0	1,8	Los Santos, Santander
64	2020/10/02	04:04:16	6,701	-73,092	145,0	1,5	Aratoca, Santander
65	2020/10/02	04:05:23	6,856	-73,323	128,0	1,5	Zapatoca, Santander
66	2020/10/02	04:23:40	3,571	-74,218	13,0	1,3	Lejanías, Meta
67	2020/10/02	04:25:11	5,241	-75,415	18,0	0,5	Aranzazu, Caldas
68	2020/10/02	04:44:46	6,8	-73,12	140,0	1,8	Los Santos, Santander
69	2020/10/02	04:56:13	5,072	-76,343	95,0	1,7	San José del Palmar, Chocó
70	2020/10/02	05:17:20	7,231	-78,207	18,0	2,3	Panama
71	2020/10/02	05:28:40	2,847	-74,827	7,0	1,1	San Vicente del Caguán, Caquetá
72	2020/10/02	05:29:17	9,103	-72,798	22,0	1,8	Tibú, Norte de Santander
73	2020/10/02	05:49:07	3,985	-71,538	0,0	2,3	Puerto Gaitán, Meta
74	2020/10/02	06:31:24	3,638	-75,186	49,0	0,9	Coyaima, Tolima
75	2020/10/02	06:45:07	7,214	-72,122	16,0	2,0	Norte Colombia
76	2020/10/02	06:47:36	5,73	-73,92	108,0	2,4	Tununguá, Boyacá
77	2020/10/02	07:08:19	6,72	-73,154	134,0	1,7	Villanueva, Santander
78	2020/10/02	07:20:29	10,693	-73,519	31,0	1,3	Valledupar, Cesar
79	2020/10/02	07:35:34	6,919	-73,296	146,0	1,4	Betulia, Santander
80	2020/10/02	08:35:09	5,956	-76,992	30,0	1,7	Quibdó, Chocó
81	2020/10/02	08:58:03	0,95	-77,021	14,0	1,5	Villagarzón, Putumayo
82	2020/10/02	09:05:37	7,449	-73,219	130,0	1,8	El Playón, Santander
83	2020/10/02	09:16:22	4,77	-77,018	0,0	2,1	Bajo Baudó (Pizarro), Chocó
84	2020/10/02	09:24:33	6,773	-73,165	141,0	1,9	Los Santos, Santander
85	2020/10/02	09:27:55	6,61	-73,449	115,0	2,1	El Carmen, Santander
86	2020/10/02	09:32:14	6,707	-73,086	143,0	1,8	Jordán, Santander
87	2020/10/02	10:00:29	6,715	-73,124	138,0	1,6	Jordán, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
88	2020/10/02	10:19:56	6,841	-73,155	148,0	2,6	Los Santos, Santander
89	2020/10/02	10:42:10	6,758	-73,167	133,0	1,9	Los Santos, Santander
90	2020/10/02	10:53:46	6,829	-73,192	157,0	1,5	Zapatoca, Santander
91	2020/10/02	12:29:16	6,703	-73,163	141,0	1,6	Villanueva, Santander
92	2020/10/02	12:40:53	6,805	-74,34	20,0	0,9	Yondó (Casabe), Antioquia
93	2020/10/02	13:22:48	6,812	-73,17	148,0	2,4	Los Santos, Santander
94	2020/10/02	14:12:14	6,824	-73,15	145,0	1,4	Los Santos, Santander
95	2020/10/02	14:43:22	7,193	-77,314	40,0	2,2	Riosucio, Chocó
96	2020/10/02	15:29:31	6,812	-73,155	142,0	2,9	Los Santos, Santander
97	2020/10/02	15:35:03	6,841	-73,168	148,0	2,7	Los Santos, Santander
98	2020/10/02	16:29:30	6,681	-76,657	9,0	2,1	Murindó, Antioquia
99	2020/10/02	16:42:32	3,527	-74,213	9,0	1,6	Mesetas, Meta
100	2020/10/02	16:53:55	6,821	-73,172	147,0	1,7	Los Santos, Santander
101	2020/10/02	16:55:57	6,762	-73,15	129,0	1,8	Los Santos, Santander
102	2020/10/02	17:00:59	3,494	-74,67	29,0	1,3	Colombia, Huila
103	2020/10/02	18:24:40	7,068	-76,146	0,0	1,7	Dabeiba, Antioquia
104	2020/10/02	18:39:18	5,291	-73,737	133,0	1,8	Lenguazaque, Cundinamarca
105	2020/10/02	19:04:07	6,72	-73,154	134,0	1,9	Villanueva, Santander
106	2020/10/02	19:41:01	4,606	-76,304	104,0	3,2	Versalles, Valle del Cauca
107	2020/10/02	20:37:04	6,775	-73,15	132,0	2,0	Los Santos, Santander
108	2020/10/02	20:57:09	6,696	-73,182	136,0	1,9	Barichara, Santander
109	2020/10/02	21:30:07	6,779	-73,111	148,0	2,1	Los Santos, Santander
110	2020/10/02	22:12:09	5,92	-74,903	0,0	1,2	San Francisco, Antioquia
111	2020/10/02	22:27:25	4,0	-71,671	0,0	2,4	Puerto Gaitán, Meta
112	2020/10/02	23:00:32	6,775	-73,193	131,0	2,0	Los Santos, Santander
113	2020/10/02	23:06:44	2,449	-74,94	3,0	1,5	San Vicente del Caguán, Caquetá
114	2020/10/02	23:13:44	6,19	-74,308	69,0	1,5	Cimitarra, Santander
115	2020/10/02	23:40:39	5,279	-73,778	138,0	2,1	Cucunubá, Cundinamarca
116	2020/10/02	23:51:05	5,649	-73,991	107,0	1,5	Pauna, Boyacá
117	2020/10/02	23:55:39	6,798	-73,186	145,0	1,5	Los Santos, Santander
118	2020/10/03	00:44:30	6,805	-73,155	144,0	1,8	Los Santos, Santander
119	2020/10/03	00:50:23	6,85	-73,161	142,0	2,3	Los Santos, Santander
120	2020/10/03	01:06:08	3,379	-74,322	16,0	1,2	Uribe, Meta
121	2020/10/03	01:23:57	6,819	-73,139	144,0	1,8	Los Santos, Santander
122	2020/10/03	01:36:09	10,994	-72,858	80,0	2,1	Barrancas, la Guajira
123	2020/10/03	01:57:04	10,259	-73,112	119,0	1,7	La Paz, Cesar
124	2020/10/03	02:00:42	3,724	-73,933	51,0	1,4	El Castillo, Meta
125	2020/10/03	02:33:01	6,878	-73,132	148,0	2,1	Los Santos, Santander
126	2020/10/03	02:47:09	7,406	-73,196	138,0	1,4	Rionegro, Santander
127	2020/10/03	03:31:36	7,195	-73,063	155,0	1,7	Charta, Santander
128	2020/10/03	04:15:21	2,142	-77,23	120,0	1,3	Balboa, Cauca
129	2020/10/03	04:43:49	6,604	-73,524	114,0	1,9	El Carmen, Santander
130	2020/10/03	05:57:13	0,797833	-77,9478	7,0	2,1	Área de influencia Complejo volcánico Chiles, Cerro Negro
131	2020/10/03	06:30:36	6,826	-73,189	148,0	1,8	Zapatoca, Santander
132	2020/10/03	06:52:21	6,775	-73,15	137,0	1,7	Los Santos, Santander
133	2020/10/03	07:33:19	8,109	-72,483	13,0	2,1	Cúcuta, Norte de Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
134	2020/10/03	07:44:56	6,771	-73,176	140,0	1,9	Los Santos, Santander
135	2020/10/03	07:45:28	6,88	-76,814	78,0	1,9	Carmen del Darién (Curbaradó), Chocó
136	2020/10/03	07:50:01	3,461	-74,71	35,0	1,0	Colombia, Huila
137	2020/10/03	09:22:10	4,981	-75,636	17,0	1,3	Chinchiná, Caldas
138	2020/10/03	09:36:04	2,067	-75,928	20,0	1,3	Tarqui, Huila
139	2020/10/03	09:46:47	5,392	-76,207	18,0	1,1	Tadó, Chocó
140	2020/10/03	09:49:39	6,781	-73,131	135,0	1,8	Los Santos, Santander
141	2020/10/03	09:51:18	3,498	-74,217	10,0	2,0	Mesetas, Meta
142	2020/10/03	09:56:10	2,931	-79,395	10,0	2,3	Océano Pacífico
143	2020/10/03	10:49:09	11,142	-72,765	34,0	1,6	Hato Nuevo, la Guajira
144	2020/10/03	10:58:09	3,912	-75,58	28,0	0,9	San Antonio, Tolima
145	2020/10/03	11:11:52	10,999	-72,597	19,0	1,4	Barrancas, la Guajira
146	2020/10/03	11:35:04	4,837	-74,819	26,0	1,1	Ambalema, Tolima
147	2020/10/03	11:59:18	6,798	-73,156	140,0	1,9	Los Santos, Santander
148	2020/10/03	12:30:31	3,566	-74,232	5,0	1,3	Mesetas, Meta
149	2020/10/03	12:48:30	3,991	-74,797	10,0	1,3	Suárez, Tolima
150	2020/10/03	13:26:14	5,291	-73,745	139,0	1,9	Lenguazaque, Cundinamarca
151	2020/10/03	13:33:28	7,832	-75,12	25,0	2,3	Caucasia, Antioquia
152	2020/10/03	14:19:01	6,74	-73,142	136,0	2,4	Los Santos, Santander
153	2020/10/03	14:47:45	4,399	-75,053	25,0	1,0	Ibagué, Tolima
154	2020/10/03	14:54:59	12,693	-70,766	83,0	2,8	Cerca de la Costa de Venezuela
155	2020/10/03	14:56:36	6,749	-73,141	139,0	2,2	Los Santos, Santander
156	2020/10/03	14:57:27	3,44	-74,213	10,0	1,7	Mesetas, Meta
157	2020/10/03	15:36:42	6,757	-73,134	138,0	2,2	Los Santos, Santander
158	2020/10/03	15:40:13	6,792	-73,103	134,0	2,0	Los Santos, Santander
159	2020/10/03	16:21:06	3,47	-74,215	12,0	1,7	Mesetas, Meta
160	2020/10/03	17:20:54	5,729	-73,957	100,0	1,6	Tununguá, Boyacá
161	2020/10/03	17:58:29	3,594	-74,211	7,0	1,3	Lejanías, Meta
162	2020/10/03	18:50:01	5,259	-73,471	118,0	1,7	Úmbita, Boyacá
163	2020/10/03	19:41:42	6,6	-73,586	109,0	1,4	El Carmen, Santander
164	2020/10/03	19:50:06	5,248	-73,748	147,0	1,7	Cucunubá, Cundinamarca
165	2020/10/03	20:40:29	7,441	-73,206	134,0	1,6	Rionegro, Santander
166	2020/10/03	22:34:18	5,577	-76,679	33,0	2,0	Atrato (Yuto), Chocó
167	2020/10/03	22:43:05	7,745	-75,463	37,0	1,7	Cáceres, Antioquia
168	2020/10/03	22:56:04	11,095	-71,82	110,0	2,1	Cerca de la Costa de Venezuela
169	2020/10/03	23:13:17	6,806	-73,171	147,0	1,8	Los Santos, Santander
170	2020/10/03	23:26:57	7,904	-73,018	154,0	2,0	Villa Caro, Norte de Santander
171	2020/10/03	23:58:31	6,773	-73,121	140,0	1,8	Los Santos, Santander
172	2020/10/04	01:02:29	6,808	-73,149	137,0	2,0	Los Santos, Santander
173	2020/10/04	01:08:05	10,185	-73,159	121,0	1,7	La Paz, Cesar
174	2020/10/04	02:06:56	3,545	-74,278	13,0	1,3	Uribe, Meta
175	2020/10/04	02:10:01	6,8	-73,129	140,0	2,0	Los Santos, Santander
176	2020/10/04	02:50:02	3,981	-77,448	22,0	2,0	Océano Pacífico
177	2020/10/04	03:45:51	10,27	-73,64	41,0	1,3	Valledupar, Cesar
178	2020/10/04	04:06:23	6,562	-73,553	109,0	1,9	El Carmen, Santander
179	2020/10/04	04:28:08	6,72	-73,184	127,0	1,8	Villanueva, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
180	2020/10/04	04:34:49	2,298	-77,847	79,0	1,7	Guapi, Cauca
181	2020/10/04	04:44:08	6,74	-73,086	147,0	1,7	Los Santos, Santander
182	2020/10/04	05:22:18	6,75	-73,162	147,0	1,5	Los Santos, Santander
183	2020/10/04	06:04:13	6,794	-73,152	142,0	1,9	Los Santos, Santander
184	2020/10/04	06:14:34	4,06	-76,126	87,0	2,6	Tuluá, Valle del Cauca
185	2020/10/04	07:25:23	6,833	-73,185	139,0	2,2	Zapatoca, Santander
186	2020/10/04	07:27:41	3,36	-76,446	52,0	2,3	Candelaria, Valle del Cauca
187	2020/10/04	08:11:28	6,8	-73,189	140,0	2,2	Los Santos, Santander
188	2020/10/04	08:42:57	5,59	-73,734	13,0	1,7	Chiquinquirá, Boyacá
189	2020/10/04	08:48:13	6,724	-73,154	137,0	1,9	Villanueva, Santander
190	2020/10/04	09:16:06	6,773	-73,139	133,0	1,7	Los Santos, Santander
191	2020/10/04	09:26:57	6,654	-73,223	141,0	1,6	Barichara, Santander
192	2020/10/04	10:54:29	6,711	-73,184	132,0	1,7	Barichara, Santander
193	2020/10/04	11:11:09	6,766	-73,159	135,0	1,8	Los Santos, Santander
194	2020/10/04	11:41:28	6,791	-73,192	137,0	2,1	Los Santos, Santander
195	2020/10/04	12:22:09	6,747	-73,156	131,0	1,6	Los Santos, Santander
196	2020/10/04	13:34:35	6,735	-73,166	144,0	1,7	Villanueva, Santander
197	2020/10/04	14:21:31	2,426	-75,545	30,0	1,5	Gigante, Huila
198	2020/10/04	15:04:45	6,792	-73,114	149,0	1,6	Los Santos, Santander
199	2020/10/04	16:05:33	5,262	-73,744	151,0	1,9	Cucunubá, Cundinamarca
200	2020/10/04	16:48:02	6,771	-73,124	134,0	2,1	Los Santos, Santander
201	2020/10/04	17:13:50	3,465	-74,205	11,0	1,6	Mesetas, Meta
202	2020/10/04	17:15:51	6,959	-73,133	145,0	2,0	Girón, Santander
203	2020/10/04	17:20:12	3,891	-71,482	4,0	2,8	Puerto Gaitán, Meta
204	2020/10/04	17:41:40	3,917	-76,345	102,0	1,7	Yotoco, Valle del Cauca
205	2020/10/04	18:13:27	3,446	-74,171	11,0	1,7	Mesetas, Meta
206	2020/10/04	18:52:46	6,803	-73,196	146,0	1,8	Zapatoca, Santander
207	2020/10/04	19:56:07	8,223	-74,339	15,0	1,6	Rioviejo, Bolívar
208	2020/10/04	19:59:24	5,167	-73,072	13,0	1,7	Páez, Boyacá
209	2020/10/04	20:41:31	7,165	-75,977	15,0	1,7	Ituango, Antioquia
210	2020/10/04	21:32:01	3,943	-71,411	0,0	4,4	Puerto Gaitán, Meta
211	2020/10/04	21:37:29	6,716	-73,104	144,0	1,8	Jordán, Santander
212	2020/10/04	21:57:52	3,975	-71,546	0,0	2,6	Puerto Gaitán, Meta
213	2020/10/05	00:12:54	6,81	-73,137	144,0	1,9	Los Santos, Santander
214	2020/10/05	00:24:37	4,609	-74,941	29,0	1,3	Alvarado, Tolima
215	2020/10/05	01:02:00	6,408	-73,663	105,0	1,8	Santa Helena del Opón, Santander
216	2020/10/05	01:47:13	2,723	-76,93	116,0	2,2	El Tambo, Cauca
217	2020/10/05	01:48:43	4,098	-76,32	10,0	2,0	Riofrío, Valle del Cauca
218	2020/10/05	02:06:43	4,73	-76,318	82,0	1,5	Sipí, Chocó
219	2020/10/05	02:09:58	5,562	-74,682	15,0	1,2	La Dorada, Caldas
220	2020/10/05	02:11:50	4,046	-76,553	74,0	1,7	El Litoral del San Juan (Docordó), Chocó
221	2020/10/05	04:21:50	6,748	-73,179	139,0	2,0	Villanueva, Santander
222	2020/10/05	04:26:51	5,171	-73,037	17,0	2,0	Páez, Boyacá
223	2020/10/05	04:42:49	6,023	-72,476	12,0	1,5	Chita, Boyacá
224	2020/10/05	04:59:03	7,02	-72,132	13,0	1,6	Cubará, Boyacá
225	2020/10/05	05:17:32	6,826	-73,081	139,0	1,8	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
226	2020/10/05	06:11:16	6,771	-73,15	135,0	1,7	Los Santos, Santander
227	2020/10/05	06:22:22	3,031	-75,772	16,0	1,4	Planadas, Tolima
228	2020/10/05	06:31:33	3,061	-75,793	14,0	1,1	Planadas, Tolima
229	2020/10/05	06:38:58	3,421	-74,603	40,0	0,9	Uribe, Meta
230	2020/10/05	06:42:54	4,445	-75,927	131,0	1,2	La Victoria, Valle del Cauca
231	2020/10/05	06:43:37	8,627	-74,712	23,0	1,7	Majagual, Sucre
232	2020/10/05	06:54:21	6,793	-73,164	148,0	3,8	Los Santos, Santander
233	2020/10/05	07:00:15	6,812	-73,179	143,0	2,6	Los Santos, Santander
234	2020/10/05	07:03:13	2,43	-75,325	39,0	1,5	Algeciras, Huila
235	2020/10/05	07:29:51	6,785	-73,104	142,0	1,6	Los Santos, Santander
236	2020/10/05	07:30:34	7,581	-73,763	95,0	1,4	Puerto Wilches, Santander
237	2020/10/05	07:42:55	5,389	-72,969	19,0	1,6	Aquitania, Boyacá
238	2020/10/05	07:52:31	6,758	-73,21	141,0	1,6	Villanueva, Santander
239	2020/10/05	08:07:25	6,808	-73,144	142,0	1,4	Los Santos, Santander
240	2020/10/05	08:29:11	6,144	-73,889	101,0	1,2	Bolivar, Santander
241	2020/10/05	08:35:00	4,172	-76,494	85,0	1,6	El Litoral del San Juan (Docordó), Chocó
242	2020/10/05	08:37:13	2,946	-78,083	0,0	1,5	Océano Pacífico
243	2020/10/05	08:43:16	6,741	-73,141	144,0	1,8	Los Santos, Santander
244	2020/10/05	09:27:31	6,897	-75,818	18,0	1,0	Sabanalarga, Antioquia
245	2020/10/05	09:37:17	6,89	-73,203	144,0	1,5	Zapatoca, Santander
246	2020/10/05	10:01:55	6,759	-73,175	137,0	2,0	Los Santos, Santander
247	2020/10/05	10:05:37	5,654	-73,982	101,0	1,4	Pauna, Boyacá
248	2020/10/05	10:16:39	6,817	-73,12	132,0	1,6	Los Santos, Santander
249	2020/10/05	10:34:26	6,771	-73,13	142,0	1,4	Los Santos, Santander
250	2020/10/05	10:46:27	7,395	-73,311	124,0	1,6	Rionegro, Santander
251	2020/10/05	10:51:01	6,717	-73,136	137,0	2,1	Jordán, Santander
252	2020/10/05	11:18:44	3,036	-75,774	18,0	2,0	Planadas, Tolima
253	2020/10/05	12:38:13	3,472	-74,188	14,0	1,7	Mesetas, Meta
254	2020/10/05	12:40:30	6,346	-74,554	30,0	1,8	Puerto Berrío, Antioquia
255	2020/10/05	12:49:59	9,081	-73,648	2,0	1,6	Chimichagua, Cesar
256	2020/10/05	13:01:47	5,92	-73,795	103,0	1,4	Sucre, Santander
257	2020/10/05	13:03:38	2,881	-74,861	10,0	1,4	San Vicente del Caguán, Caquetá
258	2020/10/05	13:08:25	8,1	-75,363	38,0	1,6	Buenavista, Córdoba
259	2020/10/05	14:19:43	6,559	-73,492	96,0	2,2	El Carmen, Santander
260	2020/10/05	14:51:01	6,782	-73,207	144,0	3,2	Zapatoca, Santander
261	2020/10/05	15:27:33	9,821	-73,238	116,0	1,7	Agustín Codazzi, Cesar
262	2020/10/05	15:41:23	6,666	-73,093	132,0	2,0	Curití, Santander
263	2020/10/05	16:00:11	6,9	-73,314	122,0	1,5	Betulia, Santander
264	2020/10/05	16:18:35	6,686	-73,206	139,0	1,9	Barichara, Santander
265	2020/10/05	16:41:01	3,508	-74,19	23,0	1,7	Mesetas, Meta
266	2020/10/05	17:58:07	5,595	-75,142	19,0	0,9	Nariño, Antioquia
267	2020/10/05	18:34:09	3,87	-73,63	24,0	1,9	Acacías, Meta
268	2020/10/05	18:55:32	3,95	-73,558	26,0	1,5	Acacías, Meta
269	2020/10/05	19:30:58	6,787	-73,201	126,0	1,6	Zapatoca, Santander
270	2020/10/05	20:34:55	5,279	-73,764	136,0	2,0	Cucunubá, Cundinamarca
271	2020/10/05	21:28:34	4,545	-74,575	59,0	1,2	Apulo, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
272	2020/10/05	21:49:25	6,485	-73,208	11,0	1,3	Socorro, Santander
273	2020/10/05	21:53:36	5,676	-73,681	97,0	1,3	Saboyá, Boyacá
274	2020/10/05	23:43:54	10,265	-73,978	74,0	1,5	El Copey, Cesar
275	2020/10/05	23:56:24	5,391	-75,866	11,0	1,9	Mistrató, Risaralda
276	2020/10/06	00:12:13	5,274	-73,788	130,0	1,7	Cucunubá, Cundinamarca
277	2020/10/06	00:54:35	5,423	-75,815	0,0	0,8	Riosucio, Caldas
278	2020/10/06	01:00:23	3,4	-74,32	57,0	1,5	Uribe, Meta
279	2020/10/06	01:16:03	6,732	-73,116	128,0	1,6	Los Santos, Santander
280	2020/10/06	01:19:44	6,779	-73,188	136,0	1,8	Los Santos, Santander
281	2020/10/06	01:31:15	6,781	-73,182	133,0	2,1	Los Santos, Santander
282	2020/10/06	01:31:26	6,749	-73,146	135,0	2,2	Los Santos, Santander
283	2020/10/06	01:59:22	6,779	-73,197	132,0	1,9	Los Santos, Santander
284	2020/10/06	02:23:54	6,707	-73,154	129,0	1,8	Villanueva, Santander
285	2020/10/06	02:57:36	6,803	-73,186	147,0	1,8	Los Santos, Santander
286	2020/10/06	03:12:39	3,477	-74,137	5,0	1,2	Mesetas, Meta
287	2020/10/06	03:23:27	5,117	-74,597	18,0	0,9	Guaduas, Cundinamarca
288	2020/10/06	03:27:35	6,783	-73,266	127,0	1,8	Zapatoca, Santander
289	2020/10/06	03:43:32	6,758	-73,18	138,0	1,9	Los Santos, Santander
290	2020/10/06	04:15:47	5,883	-76,537	8,0	0,8	Quibdó, Chocó
291	2020/10/06	04:27:52	6,804	-73,159	151,0	2,7	Los Santos, Santander
292	2020/10/06	04:37:16	6,815	-73,315	150,0	1,5	Zapatoca, Santander
293	2020/10/06	04:48:24	5,61	-74,08	118,0	1,2	Maripí, Boyacá
294	2020/10/06	04:49:54	2,177	-77,452	103,0	1,8	El Charco, Nariño
295	2020/10/06	05:34:33	6,809	-73,197	140,0	1,8	Zapatoca, Santander
296	2020/10/06	05:53:33	6,876	-73,137	150,0	1,4	Los Santos, Santander
297	2020/10/06	06:12:44	6,193	-73,802	96,0	1,5	Bolívar, Santander
298	2020/10/06	06:46:17	6,699	-73,163	134,0	1,7	Villanueva, Santander
299	2020/10/06	06:54:08	2,705	-75,671	58,0	1,1	Íquira, Huila
300	2020/10/06	07:06:44	10,444	-73,186	45,0	1,2	La Paz, Cesar
301	2020/10/06	07:28:48	1,267	-77,247	8,0	2,5	Volcan Galeras
302	2020/10/06	07:33:00	6,74	-73,116	145,0	1,3	Los Santos, Santander
303	2020/10/06	08:15:29	6,801	-73,185	149,0	2,9	Los Santos, Santander
304	2020/10/06	08:54:08	6,775	-73,163	134,0	1,5	Los Santos, Santander
305	2020/10/06	09:11:07	6,739	-73,156	153,0	1,4	Los Santos, Santander
306	2020/10/06	09:12:49	6,816	-73,193	145,0	1,1	Zapatoca, Santander
307	2020/10/06	09:17:34	6,762	-73,184	140,0	1,8	Los Santos, Santander
308	2020/10/06	09:20:14	7,583	-77,339	15,0	2,0	Riosucio, Chocó
309	2020/10/06	09:38:51	6,792	-73,206	143,0	1,6	Zapatoca, Santander
310	2020/10/06	09:41:08	8,447	-73,305	131,0	2,0	Teorama, Norte de Santander
311	2020/10/06	10:16:37	3,298	-74,601	24,0	2,5	Uribe, Meta
312	2020/10/06	10:42:58	5,259	-73,747	135,0	1,7	Cucunubá, Cundinamarca
313	2020/10/06	11:00:01	5,639	-73,993	106,0	1,6	Pauna, Boyacá
314	2020/10/06	11:07:05	6,749	-73,154	138,0	1,8	Los Santos, Santander
315	2020/10/06	11:17:04	6,711	-73,133	134,0	1,8	Jordán, Santander
316	2020/10/06	11:53:23	1,969	-76,016	29,0	1,3	Elías, Huila
317	2020/10/06	12:53:55	6,766	-73,167	132,0	1,6	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
318	2020/10/06	13:02:00	5,407	-73,816	125,0	1,6	Susa, Cundinamarca
319	2020/10/06	13:07:30	10,179	-73,011	121,0	1,8	La Paz, Cesar
320	2020/10/06	13:19:23	6,46	-73,613	130,0	1,2	Santa Helena del Opón, Santander
321	2020/10/06	13:52:41	3,385	-74,766	0,0	1,0	Colombia, Huila
322	2020/10/06	14:00:15	6,768	-73,184	132,0	1,6	Los Santos, Santander
323	2020/10/06	14:15:03	5,313	-74,515	22,0	0,9	Caparrapí, Cundinamarca
324	2020/10/06	14:34:19	6,732	-73,223	141,0	2,1	Barichara, Santander
325	2020/10/06	14:40:12	6,707	-73,197	134,0	2,3	Barichara, Santander
326	2020/10/06	15:21:32	6,677	-73,201	141,0	1,8	Barichara, Santander
327	2020/10/06	15:48:17	3,588	-74,642	25,0	1,4	Colombia, Huila
328	2020/10/06	16:40:48	5,299	-73,737	141,0	2,7	Lenguazaque, Cundinamarca
329	2020/10/06	16:52:41	7,069	-76,373	98,0	2,0	Dabeiba, Antioquia
330	2020/10/06	17:00:41	2,921	-74,869	8,0	1,3	Uribe, Meta
331	2020/10/06	17:07:13	6,749	-73,167	133,0	2,1	Los Santos, Santander
332	2020/10/06	17:45:22	6,794	-73,225	137,0	1,9	Zapatoca, Santander
333	2020/10/06	18:02:58	5,421	-74,255	45,0	1,1	Yacopí, Cundinamarca
334	2020/10/06	18:07:25	6,776	-73,169	151,0	1,7	Los Santos, Santander
335	2020/10/06	18:24:44	3,512	-74,186	14,0	2,2	Mesetas, Meta
336	2020/10/06	18:36:25	6,718	-73,178	139,0	1,9	Villanueva, Santander
337	2020/10/06	18:49:18	6,707	-73,24	143,0	1,9	Barichara, Santander
338	2020/10/06	19:06:51	6,767	-73,184	138,0	1,7	Los Santos, Santander
339	2020/10/06	19:37:56	6,735	-73,166	144,0	1,8	Villanueva, Santander
340	2020/10/06	20:12:39	5,49	-76,454	44,0	1,4	Cértegui, Chocó
341	2020/10/06	20:27:41	6,818	-73,472	120,0	1,4	San Vicente de Chucurí, Santander
342	2020/10/06	20:40:37	6,635	-77,653	20,0	2,6	Océano Pacífico
343	2020/10/06	21:33:30	3,902	-71,611	0,0	2,6	Puerto Gaitán, Meta
344	2020/10/06	21:51:53	6,786	-73,158	153,0	1,7	Los Santos, Santander
345	2020/10/06	22:11:07	6,209	-73,773	105,0	1,2	Landázuri, Santander
346	2020/10/06	23:04:17	6,733	-73,168	137,0	2,7	Villanueva, Santander
347	2020/10/06	23:07:21	6,687	-73,177	139,0	2,6	Villanueva, Santander
348	2020/10/06	23:40:40	3,535	-74,152	16,0	1,5	Mesetas, Meta
349	2020/10/07	00:10:19	5,925	-73,761	110,0	1,8	Guavatá, Santander
350	2020/10/07	00:14:40	6,728	-73,176	138,0	2,0	Villanueva, Santander
351	2020/10/07	00:38:48	4,884	-74,832	21,0	1,6	Lérida, Tolima
352	2020/10/07	00:48:04	4,032	-75,586	4,0	0,7	Roncesvalles, Tolima
353	2020/10/07	01:15:01	2,535	-75,186	12,0	1,4	Algeciras, Huila
354	2020/10/07	01:43:33	6,776	-73,086	146,0	1,6	Los Santos, Santander
355	2020/10/07	01:50:33	6,826	-73,154	134,0	1,7	Los Santos, Santander
356	2020/10/07	02:09:52	6,699	-73,167	130,0	1,9	Villanueva, Santander
357	2020/10/07	02:25:36	6,933	-76,237	8,0	1,5	Dabeiba, Antioquia
358	2020/10/07	03:24:56	6,86	-73,181	139,0	1,8	Zapatoca, Santander
359	2020/10/07	04:08:52	6,819	-73,164	148,0	1,6	Los Santos, Santander
360	2020/10/07	04:13:07	5,684	-73,914	102,0	1,6	Briceño, Boyacá
361	2020/10/07	04:36:46	6,692	-73,332	135,0	2,1	Galán, Santander
362	2020/10/07	04:39:41	4,024	-75,476	23,0	1,0	Roncesvalles, Tolima
363	2020/10/07	05:39:49	6,775	-73,176	142,0	2,2	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
364	2020/10/07	06:23:30	4,871	-76,102	27,0	1,6	El Águila, Valle del Cauca
365	2020/10/07	06:30:02	6,774	-73,352	130,0	1,3	Galán, Santander
366	2020/10/07	06:40:35	5,059	-73,272	19,0	1,8	Garagoa, Boyacá
367	2020/10/07	06:42:37	2,392	-75,425	12,0	1,1	Algeciras, Huila
368	2020/10/07	06:48:31	6,228	-73,439	154,0	1,4	Guadalupe, Santander
369	2020/10/07	06:57:38	6,515	-73,545	115,0	1,5	El Carmen, Santander
370	2020/10/07	07:14:06	2,974	-74,786	33,0	1,5	Uribe, Meta
371	2020/10/07	07:25:48	6,25	-74,5	0,0	0,8	Bolívar, Santander
372	2020/10/07	07:31:18	2,888	-74,873	36,0	1,5	San Vicente del Caguán, Caquetá
373	2020/10/07	08:02:49	6,757	-73,077	144,0	1,7	Los Santos, Santander
374	2020/10/07	08:02:59	1,958	-75,912	25,0	2,3	Timaná, Huila
375	2020/10/07	08:25:47	6,694	-73,336	129,0	1,5	Galán, Santander
376	2020/10/07	08:37:48	7,784	-77,53	16,0	2,2	Panama-Colombia
377	2020/10/07	08:38:49	6,771	-73,167	135,0	2,3	Los Santos, Santander
378	2020/10/07	09:09:38	6,794	-73,19	140,0	1,7	Los Santos, Santander
379	2020/10/07	09:13:55	6,902	-73,28	124,0	2,4	Betulia, Santander
380	2020/10/07	09:16:25	6,792	-73,154	146,0	1,8	Los Santos, Santander
381	2020/10/07	09:40:34	2,373	-75,41	24,0	1,5	Algeciras, Huila
382	2020/10/07	09:41:52	6,792	-73,176	134,0	1,7	Los Santos, Santander
383	2020/10/07	09:53:39	6,835	-73,144	146,0	1,8	Los Santos, Santander
384	2020/10/07	10:11:19	2,398	-75,384	25,0	1,4	Algeciras, Huila
385	2020/10/07	10:30:45	6,808	-73,19	150,0	1,7	Zapatoca, Santander
386	2020/10/07	10:41:10	6,842	-73,149	149,0	1,7	Los Santos, Santander
387	2020/10/07	10:48:53	6,754	-73,184	141,0	1,8	Villanueva, Santander
388	2020/10/07	11:05:01	6,764	-73,202	145,0	1,5	Villanueva, Santander
389	2020/10/07	11:29:01	6,677	-73,099	142,0	1,9	Curití, Santander
390	2020/10/07	11:34:59	6,749	-73,184	138,0	2,0	Villanueva, Santander
391	2020/10/07	12:16:25	4,525	-74,905	17,0	0,7	Piedras, Tolima
392	2020/10/07	12:33:15	6,694	-73,164	144,0	1,5	Villanueva, Santander
393	2020/10/07	12:46:56	4,839	-74,561	30,0	0,9	Viani, Cundinamarca
394	2020/10/07	13:09:45	6,759	-73,125	137,0	2,0	Los Santos, Santander
395	2020/10/07	13:50:17	6,844	-73,169	142,0	1,7	Los Santos, Santander
396	2020/10/07	14:49:37	4,727	-76,04	33,0	1,3	Ansermanuevo, Valle del Cauca
397	2020/10/07	15:22:15	6,641	-73,224	142,0	1,6	Barichara, Santander
398	2020/10/07	15:35:51	5,708	-74,321	80,0	0,9	Yacopí, Cundinamarca
399	2020/10/07	15:52:52	6,807	-73,198	144,0	1,6	Zapatoca, Santander
400	2020/10/07	16:09:22	10,129	-73,537	88,0	1,6	Valledupar, Cesar
401	2020/10/07	16:40:01	3,431	-74,619	20,0	1,3	Colombia, Huila
402	2020/10/07	16:41:11	6,825	-73,192	148,0	1,8	Zapatoca, Santander
403	2020/10/07	16:53:45	6,876	-73,198	151,0	1,7	Zapatoca, Santander
404	2020/10/07	17:00:45	6,787	-73,206	145,0	2,0	Zapatoca, Santander
405	2020/10/07	18:03:26	11,187	-72,826	31,0	1,6	Riohacha, la Guajira
406	2020/10/07	18:23:50	6,741	-73,206	135,0	2,0	Villanueva, Santander
407	2020/10/07	18:46:06	5,064	-74,708	21,0	1,0	Guaduas, Cundinamarca
408	2020/10/07	18:56:58	11,132	-72,766	30,0	1,2	Hato Nuevo, la Guajira
409	2020/10/07	19:53:05	6,89	-73,368	121,0	1,9	San Vicente de Chucurí, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
410	2020/10/07	20:45:36	10,449	-73,437	16,0	1,5	Valledupar, Cesar
411	2020/10/07	20:46:20	6,745	-73,168	155,0	1,9	Los Santos, Santander
412	2020/10/07	20:49:49	6,637	-73,251	138,0	1,9	Barichara, Santander
413	2020/10/07	22:06:01	5,909	-74,873	2,0	1,1	San Francisco, Antioquia
414	2020/10/07	22:18:28	6,72	-73,22	150,0	1,8	Barichara, Santander
415	2020/10/07	22:52:34	11,715	-73,972	81,0	1,9	Mar Caribe
416	2020/10/07	23:54:24	6,796	-73,21	144,0	2,0	Zapatoca, Santander
417	2020/10/08	00:04:30	6,695	-73,667	102,0	1,7	El Carmen, Santander
418	2020/10/08	00:17:56	6,886	-76,17	0,0	1,4	Uramita, Antioquia
419	2020/10/08	00:55:12	5,131	-73,078	16,0	2,1	Páez, Boyacá
420	2020/10/08	01:18:01	3,518	-74,205	19,0	1,5	Mesetas, Meta
421	2020/10/08	02:00:55	6,306	-72,983	153,0	1,6	Coromoro, Santander
422	2020/10/08	03:06:57	3,458	-74,152	2,0	1,1	Mesetas, Meta
423	2020/10/08	03:09:35	10,099	-73,175	122,0	3,2	La Paz, Cesar
424	2020/10/08	03:12:21	1,887	-75,982	23,0	1,2	Timaná, Huila
425	2020/10/08	03:30:01	3,06766	-75,924	5,0	4,1	Área de Influencia Volcán Nevado del Huila
426	2020/10/08	04:43:40	6,745	-73,116	136,0	1,7	Los Santos, Santander
427	2020/10/08	05:45:50	10,713	-73,922	28,0	1,4	Aracataca, Magdalena
428	2020/10/08	06:07:25	6,787	-73,193	128,0	1,8	Los Santos, Santander
429	2020/10/08	06:48:07	1,449	-75,309	0,0	1,2	Montañita, Caquetá
430	2020/10/08	07:08:35	6,757	-73,164	143,0	2,0	Los Santos, Santander
431	2020/10/08	07:12:27	6,776	-73,162	139,0	2,0	Los Santos, Santander
432	2020/10/08	07:29:14	4,789	-74,632	33,0	0,6	San Juan de Rioseco, Cundinamarca
433	2020/10/08	07:44:42	3,421	-74,746	17,0	0,7	Colombia, Huila
434	2020/10/08	08:25:14	5,292	-73,756	145,0	1,6	Lenguazaque, Cundinamarca
435	2020/10/08	09:13:57	5,274	-73,724	150,0	1,4	Lenguazaque, Cundinamarca
436	2020/10/08	09:16:20	5,425	-73,809	128,0	2,3	Susa, Cundinamarca
437	2020/10/08	09:33:58	6,814	-73,149	141,0	2,5	Los Santos, Santander
438	2020/10/08	09:41:25	6,007	-73,793	105,0	2,2	Bolívar, Santander
439	2020/10/08	10:04:22	1,998	-75,533	18,0	1,1	Florencia, Caquetá
440	2020/10/08	10:34:44	6,801	-73,17	141,0	2,3	Los Santos, Santander
441	2020/10/08	10:46:34	6,745	-73,111	142,0	1,6	Los Santos, Santander
442	2020/10/08	11:16:26	6,877	-73,141	149,0	1,7	Los Santos, Santander
443	2020/10/08	11:23:56	10,858	-72,724	14,0	1,2	Fonseca, la Guajira
444	2020/10/08	11:53:20	6,715	-73,158	139,0	2,0	Villanueva, Santander
445	2020/10/08	12:25:07	2,504	-75,408	32,0	1,0	Hobo, Huila
446	2020/10/08	12:35:07	6,727	-73,132	154,0	1,7	Jordán, Santander
447	2020/10/08	13:31:35	6,829	-72,994	150,0	2,1	Piedecuesta, Santander
448	2020/10/08	13:51:04	6,782	-73,179	140,0	2,6	Los Santos, Santander
449	2020/10/08	14:43:39	6,758	-73,206	138,0	2,2	Villanueva, Santander
450	2020/10/08	15:17:42	6,803	-73,175	137,0	2,6	Los Santos, Santander
451	2020/10/08	16:45:06	6,703	-73,197	130,0	1,7	Barichara, Santander
452	2020/10/08	18:55:40	7,352	-74,163	7,0	2,5	San Pablo, Bolívar
453	2020/10/08	19:09:17	9,222	-75,072	81,0	1,7	Sincé, Sucre
454	2020/10/08	19:11:06	2,376	-77,173	69,0	1,5	Argelia, Cauca
455	2020/10/08	20:25:29	6,994	-74,577	32,0	0,8	Remedios, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
456	2020/10/08	20:32:10	6,503	-73,524	121,0	1,6	Simacota, Santander
457	2020/10/08	21:59:10	5,74	-74,199	87,0	1,3	Otanche, Boyacá
458	2020/10/08	22:00:24	6,769	-73,147	143,0	2,8	Los Santos, Santander
459	2020/10/08	22:03:11	6,745	-73,154	139,0	2,6	Los Santos, Santander
460	2020/10/08	22:43:44	7,061	-76,118	0,0	2,0	Dabeiba, Antioquia
461	2020/10/08	23:13:24	6,724	-73,257	135,0	1,9	Zapatoca, Santander
462	2020/10/08	23:25:02	6,699	-73,208	150,0	1,9	Barichara, Santander
463	2020/10/08	23:29:07	6,826	-73,201	147,0	1,7	Zapatoca, Santander
464	2020/10/08	23:59:40	6,766	-73,18	133,0	1,9	Los Santos, Santander
465	2020/10/09	00:09:51	3,331	-74,384	14,0	1,2	Uribe, Meta
466	2020/10/09	01:44:05	6,736	-76,834	7,0	1,4	Murindó, Antioquia
467	2020/10/09	01:52:09	2,426	-75,342	36,0	1,3	Algeciras, Huila
468	2020/10/09	02:38:17	7,767	-73,462	105,0	1,5	San Alberto, Cesar
469	2020/10/09	02:39:18	6,889	-73,295	122,0	3,0	Betulia, Santander
470	2020/10/09	02:47:40	9,282	-73,125	7,0	1,4	Norte Colombia
471	2020/10/09	03:22:08	8,618	-73,493	97,0	1,8	El Carmen, Norte de Santander
472	2020/10/09	03:28:43	2,36	-75,357	34,0	1,6	Algeciras, Huila
473	2020/10/09	03:57:27	5,906	-73,555	121,0	2,1	Moniquirá, Boyacá
474	2020/10/09	04:01:48	6,849	-73,207	146,0	1,7	Zapatoca, Santander
475	2020/10/09	04:17:51	6,826	-73,257	138,0	2,0	Zapatoca, Santander
476	2020/10/09	06:19:14	6,868	-73,285	126,0	1,5	Betulia, Santander
477	2020/10/09	06:29:05	3,311	-75,308	27,0	1,2	Aipe, Huila
478	2020/10/09	06:37:33	6,781	-73,174	135,0	1,7	Los Santos, Santander
479	2020/10/09	06:56:22	6,816	-73,155	148,0	1,8	Los Santos, Santander
480	2020/10/09	07:25:30	6,867	-73,2	148,0	1,6	Zapatoca, Santander
481	2020/10/09	07:30:18	6,796	-73,447	119,0	1,6	San Vicente de Chucurí, Santander
482	2020/10/09	08:04:31	3,192	-74,638	0,0	0,9	Uribe, Meta
483	2020/10/09	08:20:09	6,799	-76,204	0,0	1,7	Frontino, Antioquia
484	2020/10/09	08:21:32	6,852	-76,314	23,0	3,0	Dabeiba, Antioquia
485	2020/10/09	08:33:33	6,805	-73,188	142,0	1,7	Los Santos, Santander
486	2020/10/09	08:40:42	7,098	-73,331	123,0	1,7	Girón, Santander
487	2020/10/09	08:57:54	5,31	-75,956	137,0	1,6	Mistrató, Risaralda
488	2020/10/09	09:15:23	3,406	-74,782	15,0	0,7	Colombia, Huila
489	2020/10/09	09:25:55	3,442	-74,441	21,0	0,9	Uribe, Meta
490	2020/10/09	09:29:48	7,91	-73,242	129,0	1,5	Ábrego, Norte de Santander
491	2020/10/09	10:07:28	6,804	-73,174	147,0	1,8	Los Santos, Santander
492	2020/10/09	10:48:27	5,799	-73,433	0,0	1,2	Gámbita, Santander
493	2020/10/09	10:57:33	6,805	-73,151	147,0	3,3	Los Santos, Santander
494	2020/10/09	11:14:05	4,391	-76,174	91,0	2,2	Roldanillo, Valle del Cauca
495	2020/10/09	12:24:28	8,51	-74,818	1,0	1,9	Majagual, Sucre
496	2020/10/09	12:32:36	6,763	-73,121	150,0	1,9	Los Santos, Santander
497	2020/10/09	12:53:26	6,792	-73,184	138,0	2,2	Los Santos, Santander
498	2020/10/09	13:15:58	6,859	-73,365	127,0	1,6	San Vicente de Chucurí, Santander
499	2020/10/09	14:33:34	7,131	-72,954	174,0	2,0	Tona, Santander
500	2020/10/09	14:41:29	2,46	-79,273	13,0	2,3	Océano Pacífico
501	2020/10/09	15:18:08	10,413	-72,831	20,0	1,6	Venezuela

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
502	2020/10/09	15:30:10	5,98	-73,896	19,0	1,2	Sucre, Santander
503	2020/10/09	16:12:34	7,05	-73,004	140,0	1,8	Piedecuesta, Santander
504	2020/10/09	16:28:38	3,518	-76,43	111,0	1,5	Palmira, Valle del Cauca
505	2020/10/09	16:34:41	6,88	-73,172	144,0	2,5	Zapatoca, Santander
506	2020/10/09	17:02:36	6,295	-76,968	37,0	2,5	Bojayá (Bellavista), Chocó
507	2020/10/09	17:07:30	6,732	-73,146	137,0	2,1	Los Santos, Santander
508	2020/10/09	17:19:12	2,025	-76,03	28,0	1,4	Oporapa, Huila
509	2020/10/09	18:20:40	6,741	-73,21	138,0	2,0	Villanueva, Santander
510	2020/10/09	18:38:40	6,737	-73,27	141,0	1,9	Zapatoca, Santander
511	2020/10/09	18:41:45	3,552	-74,218	0,0	1,5	Lejanías, Meta
512	2020/10/09	18:53:20	6,644	-73,188	130,0	2,2	Barichara, Santander
513	2020/10/09	19:06:40	6,93	-73,154	143,0	1,4	Girón, Santander
514	2020/10/09	19:09:43	6,737	-73,15	140,0	2,2	Los Santos, Santander
515	2020/10/09	21:01:45	3,19	-82,547	0,0	4,4	Océano Pacífico
516	2020/10/09	21:11:43	7,243	-76,042	10,0	1,8	Ituango, Antioquia
517	2020/10/09	21:35:38	7,314	-75,461	50,0	1,4	Valdivia, Antioquia
518	2020/10/09	22:49:22	3,478	-74,179	11,0	1,6	Mesetas, Meta
519	2020/10/09	22:53:23	2,406	-79,118	0,0	2,5	Océano Pacífico
520	2020/10/09	23:07:08	6,683	-73,166	139,0	2,1	Villanueva, Santander
521	2020/10/09	23:26:36	6,817	-73,206	141,0	2,0	Zapatoca, Santander
522	2020/10/09	23:49:49	7,887	-75,663	48,0	1,7	Puerto Libertador, Córdoba
523	2020/10/10	01:24:27	4,716	-74,55	4,0	1,0	Quipile, Cundinamarca
524	2020/10/10	01:47:26	6,831	-73,157	142,0	2,3	Los Santos, Santander
525	2020/10/10	01:51:29	6,771	-73,103	136,0	1,9	Los Santos, Santander
526	2020/10/10	01:51:40	6,715	-73,103	137,0	1,9	Jordán, Santander
527	2020/10/10	02:02:23	6,889	-76,286	17,0	1,5	Dabeiba, Antioquia
528	2020/10/10	02:32:10	6,807	-73,176	144,0	1,5	Los Santos, Santander
529	2020/10/10	02:41:22	6,804	-73,15	144,0	2,1	Los Santos, Santander
530	2020/10/10	03:17:31	6,732	-73,18	134,0	1,8	Villanueva, Santander
531	2020/10/10	04:06:36	6,787	-76,197	0,0	1,4	Frontino, Antioquia
532	2020/10/10	04:17:51	6,754	-73,188	138,0	1,9	Villanueva, Santander
533	2020/10/10	04:38:56	6,655	-73,89	93,0	1,2	Puerto Parra, Santander
534	2020/10/10	04:41:31	6,762	-73,129	138,0	1,9	Los Santos, Santander
535	2020/10/10	04:47:52	8,103	-74,244	18,0	1,3	Santa Rosa del Sur, Bolívar
536	2020/10/10	04:50:15	5,407	-75,221	103,0	0,7	Pensilvania, Caldas
537	2020/10/10	04:53:04	6,761	-73,149	139,0	1,9	Los Santos, Santander
538	2020/10/10	05:06:46	10,717	-73,291	86,0	1,5	Valledupar, Cesar
539	2020/10/10	05:30:34	9,038	-77,425	27,0	2,3	Cerca de la Costa de Colombia
540	2020/10/10	05:39:24	4,947	-74,636	30,0	1,2	Chaguaní, Cundinamarca
541	2020/10/10	05:46:46	6,774	-73,155	143,0	2,3	Los Santos, Santander
542	2020/10/10	06:27:56	6,8	-73,159	138,0	1,7	Los Santos, Santander
543	2020/10/10	06:59:32	6,838	-73,158	152,0	1,5	Los Santos, Santander
544	2020/10/10	07:00:42	3,536	-74,15	2,0	1,0	Mesetas, Meta
545	2020/10/10	07:06:01	6,801	-73,211	146,0	1,4	Zapatoca, Santander
546	2020/10/10	07:06:56	2,987	-79,368	15,0	2,4	Océano Pacífico
547	2020/10/10	07:24:15	8,017	-73,336	117,0	1,4	San Martín, Cesar

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
548	2020/10/10	07:28:29	6,787	-73,176	146,0	1,8	Los Santos, Santander
549	2020/10/10	07:44:58	5,262	-75,51	17,0	0,9	Aranzazu, Caldas
550	2020/10/10	07:47:20	4,723	-74,855	36,0	1,0	Ambalema, Tolima
551	2020/10/10	07:54:46	4,31	-73,688	0,0	2,8	El Calvario, Meta
552	2020/10/10	08:12:50	3,64	-77,16	19,0	1,0	Buenaventura, Valle del Cauca
553	2020/10/10	08:20:04	6,792	-73,171	141,0	1,8	Los Santos, Santander
554	2020/10/10	08:42:47	4,751	-76,153	78,0	1,2	El Cairo, Valle del Cauca
555	2020/10/10	09:12:48	5,756	-73,963	102,0	1,6	Florián, Santander
556	2020/10/10	09:14:41	5,76	-73,928	107,0	1,3	Albania, Santander
557	2020/10/10	10:35:54	6,019	-73,965	47,0	1,3	Sucre, Santander
558	2020/10/10	11:02:05	6,785	-73,122	148,0	1,8	Los Santos, Santander
559	2020/10/10	11:15:44	4,454	-75,025	27,0	0,9	Piedras, Tolima
560	2020/10/10	11:27:34	6,534	-73,717	105,0	1,1	Simacota, Santander
561	2020/10/10	11:30:21	6,724	-73,167	135,0	1,9	Villanueva, Santander
562	2020/10/10	12:07:59	10,282	-73,326	104,0	1,7	Valledupar, Cesar
563	2020/10/10	13:18:57	6,627	-73,141	142,0	2,0	Villanueva, Santander
564	2020/10/10	13:26:59	6,85	-73,154	145,0	1,8	Los Santos, Santander
565	2020/10/10	13:38:27	6,832	-76,138	26,0	2,4	Frontino, Antioquia
566	2020/10/10	14:07:38	6,803	-73,179	146,0	1,8	Los Santos, Santander
567	2020/10/10	14:09:26	6,713	-73,177	153,0	1,7	Villanueva, Santander
568	2020/10/10	16:17:03	5,273	-73,774	131,0	1,9	Cucunubá, Cundinamarca
569	2020/10/10	16:33:46	0,814	-77,937	3,0	3,4	Área de influencia Complejo volcánico Chiles, Cerro Negro
570	2020/10/10	16:56:51	6,758	-73,201	143,0	2,1	Villanueva, Santander
571	2020/10/10	18:00:30	2,637	-74,999	53,0	1,5	San Vicente del Caguán, Caquetá
572	2020/10/10	20:11:13	5,127	-73,054	4,0	1,8	Páez, Boyacá
573	2020/10/10	20:57:41	4,981	-75,001	16,0	0,9	Libano, Tolima
574	2020/10/10	20:58:54	7,888	-76,452	41,0	1,8	Apartadó, Antioquia
575	2020/10/10	21:02:44	6,614	-73,261	155,0	1,8	Cabrera, Santander
576	2020/10/10	21:18:55	3,234	-74,833	12,0	1,2	Colombia, Huila
577	2020/10/10	21:59:12	6,723	-73,196	137,0	2,4	Villanueva, Santander
578	2020/10/10	22:31:19	3,861	-73,653	21,0	1,5	Castilla la Nueva, Meta
579	2020/10/10	23:03:16	6,69	-73,176	134,0	1,8	Villanueva, Santander
580	2020/10/10	23:07:41	5,303	-73,764	141,0	2,4	Lenguazaque, Cundinamarca
581	2020/10/10	23:25:37	11,312	-73,735	22,0	1,5	Mar Caribe
582	2020/10/10	23:41:43	1,808	-76,782	10,0	1,2	San Sebastián, Cauca
583	2020/10/11	01:17:13	8,831	-73,244	127,0	2,0	Convención, Norte de Santander
584	2020/10/11	01:20:27	6,805	-73,166	145,0	2,7	Los Santos, Santander
585	2020/10/11	01:42:53	6,775	-73,154	137,0	1,9	Los Santos, Santander
586	2020/10/11	01:53:08	6,798	-73,148	137,0	1,8	Los Santos, Santander
587	2020/10/11	02:16:59	6,783	-73,197	139,0	2,2	Los Santos, Santander
588	2020/10/11	02:19:22	5,783	-75,474	11,0	1,5	Abejorral, Antioquia
589	2020/10/11	03:01:11	4,066	-73,967	19,0	1,4	Acacías, Meta
590	2020/10/11	03:19:02	6,732	-73,193	135,0	1,8	Villanueva, Santander
591	2020/10/11	03:27:40	6,758	-73,141	136,0	2,3	Los Santos, Santander
592	2020/10/11	03:46:14	6,741	-73,146	135,0	2,2	Los Santos, Santander
593	2020/10/11	04:07:42	3,86	-75,639	22,0	1,0	Chaparral, Tolima

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
594	2020/10/11	04:17:28	6,816	-73,162	145,0	2,4	Los Santos, Santander
595	2020/10/11	04:25:58	8,197	-74,316	17,0	2,4	Arenal, Bolívar
596	2020/10/11	04:31:51	7,42	-73,859	74,0	2,2	Puerto Wilches, Santander
597	2020/10/11	05:02:21	11,91	-73,323	16,0	1,7	Mar Caribe
598	2020/10/11	05:04:21	6,786	-73,136	149,0	2,9	Los Santos, Santander
599	2020/10/11	05:14:56	5,282	-73,743	149,0	1,5	Lenguazaque, Cundinamarca
600	2020/10/11	05:30:55	9,293	-76,835	25,0	1,8	Mar Caribe
601	2020/10/11	05:37:01	6,767	-73,092	146,0	1,4	Los Santos, Santander
602	2020/10/11	05:39:13	6,847	-74,038	74,0	1,1	Barrancabermeja, Santander
603	2020/10/11	05:55:59	6,788	-73,189	142,0	1,6	Los Santos, Santander
604	2020/10/11	05:57:58	4,899	-76,681	53,0	1,8	Nóvita, Chocó
605	2020/10/11	06:02:40	6,653	-75,172	6,0	1,4	Gómez Plata, Antioquia
606	2020/10/11	06:39:20	6,826	-73,165	148,0	1,9	Los Santos, Santander
607	2020/10/11	06:40:45	3,99	-75,57	15,0	0,5	Roncesvalles, Tolima
608	2020/10/11	06:51:10	6,548	-71,999	21,0	1,8	Tame, Arauca
609	2020/10/11	07:01:10	4,318	-75,119	19,0	0,6	San Luis, Tolima
610	2020/10/11	07:24:03	6,741	-73,133	137,0	1,7	Los Santos, Santander
611	2020/10/11	08:14:04	6,832	-73,205	148,0	1,6	Zapatoca, Santander
612	2020/10/11	08:28:26	4,379	-75,43	10,0	0,7	Cajamarca, Tolima
613	2020/10/11	08:47:02	3,539	-74,277	4,0	1,1	Uribe, Meta
614	2020/10/11	09:43:27	5,78	-73,509	137,0	1,6	Gachantivá, Boyacá
615	2020/10/11	10:03:06	6,804	-73,141	135,0	1,7	Los Santos, Santander
616	2020/10/11	12:17:50	3,956	-76,186	133,0	2,2	San Pedro, Valle del Cauca
617	2020/10/11	13:09:40	6,754	-73,193	143,0	1,9	Villanueva, Santander
618	2020/10/11	13:15:03	6,816	-73,23	150,0	4,1	Zapatoca, Santander
619	2020/10/11	13:19:05	6,72	-74,51	18,0	1,2	Remedios, Antioquia
620	2020/10/11	13:32:47	6,694	-73,201	139,0	1,9	Barichara, Santander
621	2020/10/11	13:34:10	6,779	-73,218	136,0	1,8	Zapatoca, Santander
622	2020/10/11	13:48:02	1,956	-75,953	20,0	1,0	Timaná, Huila
623	2020/10/11	13:49:31	2,468	-75,53	26,0	1,2	Gigante, Huila
624	2020/10/11	14:58:45	6,776	-73,157	140,0	2,2	Los Santos, Santander
625	2020/10/11	17:01:52	6,652	-73,099	140,0	1,9	Curití, Santander
626	2020/10/11	17:07:07	7,416	-73,367	80,0	1,4	Lebrija, Santander
627	2020/10/11	17:12:20	11,108	-73,614	33,0	1,6	Dibulla, la Guajira
628	2020/10/11	17:19:29	6,653	-73,288	146,0	1,6	Galán, Santander
629	2020/10/11	18:20:16	6,787	-73,12	139,0	1,9	Los Santos, Santander
630	2020/10/11	18:23:52	5,385	-73,785	124,0	1,9	Fúquene, Cundinamarca
631	2020/10/11	19:01:30	6,186	-77,504	4,0	2,8	Océano Pacífico
632	2020/10/11	19:21:14	6,731	-73,196	134,0	2,5	Villanueva, Santander
633	2020/10/11	19:40:37	3,976	-78,891	15,0	2,0	Océano Pacífico
634	2020/10/11	20:48:01	6,757	-73,164	139,0	2,4	Los Santos, Santander
635	2020/10/11	21:04:17	4,858	-74,747	19,0	0,7	San Juan de Rioseco, Cundinamarca
636	2020/10/11	21:13:35	7,003	-76,761	63,0	2,1	Murindó, Antioquia
637	2020/10/11	21:17:54	6,795	-73,164	143,0	2,7	Los Santos, Santander
638	2020/10/11	22:37:09	6,111	-74,105	87,0	1,6	Sucre, Santander
639	2020/10/11	22:49:06	6,762	-73,18	132,0	1,7	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
640	2020/10/11	22:51:14	3,226	-74,796	16,0	1,1	Colombia, Huila
641	2020/10/11	23:20:06	8,45	-73,628	109,0	1,9	Aguachica, Cesar
642	2020/10/12	00:29:03	6,795	-73,207	146,0	2,3	Zapatoca, Santander
643	2020/10/12	00:40:43	8,085	-73,619	105,0	1,9	Rio de Oro, Cesar
644	2020/10/12	01:45:15	6,797	-73,217	147,0	3,4	Zapatoca, Santander
645	2020/10/12	01:54:59	6,787	-73,146	137,0	1,8	Los Santos, Santander
646	2020/10/12	02:08:57	6,488	-73,599	109,0	1,7	Santa Helena del Opón, Santander
647	2020/10/12	03:58:47	7,471	-73,152	20,0	1,5	El Playón, Santander
648	2020/10/12	04:01:08	6,795	-73,096	145,0	1,7	Los Santos, Santander
649	2020/10/12	04:21:07	5,391	-75,646	2,0	1,1	Supia, Caldas
650	2020/10/12	04:49:13	2,954	-74,741	9,0	0,8	Uribe, Meta
651	2020/10/12	04:51:39	6,779	-73,085	151,0	1,7	Los Santos, Santander
652	2020/10/12	05:09:23	3,497	-74,175	5,0	1,2	Mesetas, Meta
653	2020/10/12	05:27:17	5,22	-72,978	16,0	2,2	Aquitania, Boyacá
654	2020/10/12	05:51:35	6,821	-73,18	135,0	1,8	Los Santos, Santander
655	2020/10/12	05:52:08	6,76	-72,879	138,0	1,5	San Andrés, Santander
656	2020/10/12	05:59:35	7,77	-73,42	125,0	1,7	San Alberto, Cesar
657	2020/10/12	06:27:39	6,787	-73,141	137,0	1,8	Los Santos, Santander
658	2020/10/12	06:45:13	6,816	-73,171	142,0	1,4	Los Santos, Santander
659	2020/10/12	07:34:08	4,53	-74,555	77,0	0,7	Anapoima, Cundinamarca
660	2020/10/12	07:34:36	6,762	-73,176	138,0	1,8	Los Santos, Santander
661	2020/10/12	07:36:32	6,794	-73,176	146,0	1,6	Los Santos, Santander
662	2020/10/12	07:37:31	5,898	-76,606	21,0	1,5	Quibdó, Chocó
663	2020/10/12	07:59:54	6,737	-73,184	133,0	1,7	Villanueva, Santander
664	2020/10/12	08:09:21	6,842	-73,171	137,0	1,8	Zapatoca, Santander
665	2020/10/12	08:16:42	7,42	-73,21	131,0	1,4	Rionegro, Santander
666	2020/10/12	08:27:26	6,816	-73,188	148,0	1,4	Zapatoca, Santander
667	2020/10/12	08:49:27	6,851	-73,171	140,0	2,0	Zapatoca, Santander
668	2020/10/12	09:32:43	10,549	-73,623	75,0	1,4	Fundación, Magdalena
669	2020/10/12	09:34:51	6,826	-73,174	146,0	1,7	Los Santos, Santander
670	2020/10/12	09:45:25	6,781	-73,184	144,0	1,5	Los Santos, Santander
671	2020/10/12	10:17:48	5,276	-73,752	133,0	1,8	Cucunubá, Cundinamarca
672	2020/10/12	10:21:31	6,804	-73,18	149,0	2,7	Los Santos, Santander
673	2020/10/12	10:45:07	3,086	-75,682	19,0	0,9	Planadas, Tolima
674	2020/10/12	10:55:05	10,785	-72,187	25,0	2,8	Venezuela
675	2020/10/12	11:02:38	6,786	-73,161	150,0	1,8	Los Santos, Santander
676	2020/10/12	11:13:47	6,817	-73,115	143,0	1,8	Los Santos, Santander
677	2020/10/12	11:23:20	6,833	-73,158	145,0	1,6	Los Santos, Santander
678	2020/10/12	11:49:09	6,749	-73,18	140,0	1,8	Villanueva, Santander
679	2020/10/12	11:53:31	6,704	-74,016	81,0	1,3	Puerto Parra, Santander
680	2020/10/12	12:29:31	6,793	-73,162	138,0	2,3	Los Santos, Santander
681	2020/10/12	12:35:50	6,644	-73,166	146,0	1,7	Villanueva, Santander
682	2020/10/12	12:46:56	6,778	-73,188	146,0	1,5	Los Santos, Santander
683	2020/10/12	12:53:56	3,209	-74,541	41,0	1,6	Uribe, Meta
684	2020/10/12	12:55:45	6,675	-73,616	105,0	1,1	El Carmen, Santander
685	2020/10/12	13:19:32	6,728	-73,141	135,0	2,0	Jordán, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
686	2020/10/12	13:46:52	4,542	-73,374	0,0	1,4	Medina, Cundinamarca
687	2020/10/12	13:55:52	5,572	-72,655	3,0	1,2	Labranzagrande, Boyacá
688	2020/10/12	14:00:52	6,859	-73,159	145,0	1,6	Los Santos, Santander
689	2020/10/12	14:10:09	4,737	-76,334	101,0	1,7	Sipí, Chocó
690	2020/10/12	14:43:14	6,715	-73,137	134,0	2,1	Jordán, Santander
691	2020/10/12	14:53:05	3,058	-75,922	12,0	1,4	Planadas, Tolima
692	2020/10/12	15:03:20	4,698	-76,174	80,0	1,4	Argelia, Valle del Cauca
693	2020/10/12	15:35:55	4,45	-76,168	100,0	1,5	Roldanillo, Valle del Cauca
694	2020/10/12	15:42:55	10,502	-73,372	33,0	1,6	Valledupar, Cesar
695	2020/10/12	16:11:12	6,758	-73,176	137,0	2,0	Los Santos, Santander
696	2020/10/12	16:31:33	4,87	-74,934	76,0	0,9	Lérida, Tolima
697	2020/10/12	16:54:53	7,417	-73,217	135,0	1,8	Rionegro, Santander
698	2020/10/12	17:31:38	5,916	-73,547	142,0	1,5	Moniquirá, Boyacá
699	2020/10/12	17:35:20	6,728	-73,15	137,0	2,1	Villanueva, Santander
700	2020/10/12	17:52:00	5,341	-76,478	45,0	1,3	Cértegui, Chocó
701	2020/10/12	17:58:26	5,421	-75,902	25,0	1,0	Mistrató, Risaralda
702	2020/10/12	18:02:57	6,722	-73,198	155,0	1,7	Villanueva, Santander
703	2020/10/12	19:01:15	2,009	-77,206	119,0	1,6	Balboa, Cauca
704	2020/10/12	19:04:00	6,741	-73,124	137,0	1,9	Los Santos, Santander
705	2020/10/12	19:12:12	6,824	-73,205	146,0	2,6	Zapatoca, Santander
706	2020/10/12	19:40:14	6,69	-73,184	131,0	2,0	Barichara, Santander
707	2020/10/12	19:58:58	7,409	-73,176	132,0	1,9	Rionegro, Santander
708	2020/10/12	20:01:36	4,755	-76,148	98,0	1,5	Argelia, Valle del Cauca
709	2020/10/12	20:23:55	3,998	-76,317	99,0	2,2	Yotoco, Valle del Cauca
710	2020/10/12	20:26:42	2,886	-78,046	4,0	2,2	Océano Pacífico
711	2020/10/12	21:17:24	4,53	-75,862	36,0	1,5	Montenegro, Quindío
712	2020/10/12	21:30:12	10,142	-73,079	121,0	1,8	La Paz, Cesar
713	2020/10/12	22:08:04	6,826	-73,167	155,0	1,9	Los Santos, Santander
714	2020/10/12	22:48:27	6,81	-73,145	143,0	2,5	Los Santos, Santander
715	2020/10/12	22:57:07	7,842	-74,066	72,0	1,5	Santa Rosa del Sur, Bolívar
716	2020/10/13	00:06:09	6,741	-73,103	134,0	2,2	Los Santos, Santander
717	2020/10/13	00:10:44	7,746	-74,626	15,0	1,3	El Bagre, Antioquia
718	2020/10/13	00:30:18	6,743	-73,099	150,0	1,7	Los Santos, Santander
719	2020/10/13	00:55:52	0,892	-77,605	1,0	1,5	Pupiales, Nariño
720	2020/10/13	01:05:53	6,743	-73,135	138,0	2,1	Los Santos, Santander
721	2020/10/13	01:14:43	5,351	-74,626	19,0	1,5	Guaduas, Cundinamarca
722	2020/10/13	01:46:58	6,741	-73,176	145,0	2,1	Villanueva, Santander
723	2020/10/13	02:17:04	3,459	-74,181	11,0	1,2	Mesetas, Meta
724	2020/10/13	02:51:39	9,33	-73,505	0,0	1,9	Chiriguaná, Cesar
725	2020/10/13	03:10:32	6,842	-73,146	148,0	1,7	Los Santos, Santander
726	2020/10/13	03:22:50	2,758	-76,761	16,0	0,9	Morales, Cauca
727	2020/10/13	03:34:36	4,481	-73,225	29,0	1,8	Medina, Cundinamarca
728	2020/10/13	03:41:37	5,997	-73,715	108,0	2,2	Vélez, Santander
729	2020/10/13	04:01:33	6,795	-73,168	143,0	2,3	Los Santos, Santander
730	2020/10/13	04:22:50	6,754	-73,15	138,0	1,7	Los Santos, Santander
731	2020/10/13	04:24:54	7,146	-74,444	39,0	1,3	Remedios, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
732	2020/10/13	04:52:26	6,766	-73,159	136,0	1,8	Los Santos, Santander
733	2020/10/13	05:13:14	1,95	-76,018	24,0	0,9	Pitalito, Huila
734	2020/10/13	05:17:42	11,538	-72,304	53,0	1,8	Manauere, la Guajira
735	2020/10/13	05:45:56	1,716	-76,6	14,0	1,2	Santa Rosa, Cauca
736	2020/10/13	06:00:06	6,903	-73,099	146,0	1,8	Los Santos, Santander
737	2020/10/13	06:06:48	11,27	-72,645	49,0	1,3	Riohacha, la Guajira
738	2020/10/13	06:09:12	10,92	-73,465	57,0	1,5	Dibulla, la Guajira
739	2020/10/13	06:14:14	3,463	-74,183	11,0	1,5	Mesetas, Meta
740	2020/10/13	06:16:31	6,782	-73,159	142,0	1,5	Los Santos, Santander
741	2020/10/13	06:26:09	7,639	-73,091	138,0	2,2	Cáchira, Norte de Santander
742	2020/10/13	06:43:15	8,079	-77,268	65,0	1,6	Panama-Colombia
743	2020/10/13	06:49:20	6,907	-73,288	124,0	1,3	Betulia, Santander
744	2020/10/13	06:51:39	7,741	-73,252	124,0	1,5	La Esperanza, Norte de Santander
745	2020/10/13	07:30:15	6,857	-73,139	144,0	2,5	Los Santos, Santander
746	2020/10/13	07:37:02	6,797	-73,145	150,0	2,7	Los Santos, Santander
747	2020/10/13	08:25:50	4,595	-76,046	113,0	1,3	Toro, Valle del Cauca
748	2020/10/13	08:32:09	6,76	-73,108	145,0	1,6	Los Santos, Santander
749	2020/10/13	08:49:30	6,81	-73,1	144,0	1,8	Los Santos, Santander
750	2020/10/13	08:54:42	6,914	-73,384	121,0	1,7	San Vicente de Chucurí, Santander
751	2020/10/13	08:56:36	6,803	-73,177	147,0	1,6	Los Santos, Santander
752	2020/10/13	09:22:52	6,765	-73,514	113,0	1,3	El Carmen, Santander
753	2020/10/13	09:36:59	5,157	-74,686	25,0	1,3	Guaduas, Cundinamarca
754	2020/10/13	10:23:04	6,814	-73,138	147,0	2,7	Los Santos, Santander
755	2020/10/13	10:56:32	6,715	-73,099	130,0	1,9	Jordán, Santander
756	2020/10/13	11:16:51	3,474	-74,158	13,0	1,6	Mesetas, Meta
757	2020/10/13	11:54:29	6,841	-73,098	147,0	1,8	Los Santos, Santander
758	2020/10/13	12:19:13	3,489	-74,145	11,0	1,3	Mesetas, Meta
759	2020/10/13	12:36:31	4,005	-75,489	21,0	0,6	San Antonio, Tolima
760	2020/10/13	12:44:44	6,783	-73,138	139,0	1,8	Los Santos, Santander
761	2020/10/13	13:00:49	6,353	-73,599	113,0	1,5	Santa Helena del Opón, Santander
762	2020/10/13	13:42:01	6,761	-73,155	146,0	1,8	Los Santos, Santander
763	2020/10/13	15:06:39	5,263	-73,773	135,0	2,2	Cucunubá, Cundinamarca
764	2020/10/13	16:39:06	9,915	-72,973	19,0	1,6	Venezuela
765	2020/10/13	16:50:01	6,809	-73,167	143,0	2,2	Los Santos, Santander
766	2020/10/13	16:59:29	6,596	-74,287	23,0	0,9	Cimitarra, Santander
767	2020/10/13	17:04:30	4,985	-73,268	13,0	3,8	Macanal, Boyacá
768	2020/10/13	17:32:31	6,764	-73,208	147,0	1,7	Villanueva, Santander
769	2020/10/13	17:46:49	6,791	-73,181	142,0	2,6	Los Santos, Santander
770	2020/10/13	17:55:31	7,452	-73,189	131,0	1,7	El Playón, Santander
771	2020/10/13	18:38:44	6,758	-73,21	143,0	1,7	Villanueva, Santander
772	2020/10/13	19:55:47	6,749	-73,225	140,0	1,7	Zapatoca, Santander
773	2020/10/13	20:08:52	3,386	-74,089	14,0	1,3	Mesetas, Meta
774	2020/10/13	20:45:54	3,374	-76,55	95,0	2,0	Cali, Valle del Cauca
775	2020/10/13	21:23:10	3,161	-76,327	16,0	1,2	Padilla, Cauca
776	2020/10/13	21:42:00	11,202	-74,253	23,0	2,0	Mar Caribe
777	2020/10/13	21:52:35	5,304	-73,75	137,0	2,6	Lenguazaque, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
778	2020/10/13	21:58:59	6,907	-73,332	125,0	2,1	Zapatoca, Santander
779	2020/10/13	22:36:59	5,728	-73,953	101,0	1,3	Tununguá, Boyacá
780	2020/10/13	23:31:07	6,834	-73,15	145,0	1,8	Los Santos, Santander
781	2020/10/13	23:52:41	6,232	-74,766	16,0	0,6	San Carlos, Antioquia
782	2020/10/13	23:53:09	6,765	-73,13	145,0	1,8	Los Santos, Santander
783	2020/10/14	00:04:12	10,274	-73,457	19,0	1,2	Valledupar, Cesar
784	2020/10/14	00:53:14	6,651	-73,187	149,0	1,7	Villanueva, Santander
785	2020/10/14	00:56:35	6,873	-73,156	148,0	1,6	Los Santos, Santander
786	2020/10/14	01:14:38	6,07	-73,644	121,0	1,2	Chipatá, Santander
787	2020/10/14	01:24:18	5,782	-73,904	125,0	1,5	Albania, Santander
788	2020/10/14	01:36:21	3,609	-76,948	7,0	1,3	Buenaventura, Valle del Cauca
789	2020/10/14	01:57:03	6,779	-73,141	146,0	2,0	Los Santos, Santander
790	2020/10/14	02:03:14	6,732	-73,199	155,0	1,7	Villanueva, Santander
791	2020/10/14	02:14:43	8,783	-73,491	100,0	1,7	La Gloria, Cesar
792	2020/10/14	02:21:36	4,835	-76,672	43,0	3,2	Nóvita, Chocó
793	2020/10/14	02:22:58	6,749	-73,154	139,0	2,1	Los Santos, Santander
794	2020/10/14	02:40:24	3,574	-74,226	18,0	2,3	Lejanías, Meta
795	2020/10/14	03:00:00	6,742	-73,115	143,0	2,4	Los Santos, Santander
796	2020/10/14	03:04:49	6,152	-73,721	119,0	1,2	Vélez, Santander
797	2020/10/14	03:09:46	6,904	-73,187	157,0	1,7	Girón, Santander
798	2020/10/14	03:43:29	6,809	-73,129	140,0	2,0	Los Santos, Santander
799	2020/10/14	03:50:29	6,78	-76,137	0,0	1,7	Frontino, Antioquia
800	2020/10/14	04:01:29	6,872	-73,284	125,0	1,6	Betulia, Santander
801	2020/10/14	04:23:43	6,774	-73,156	146,0	1,4	Los Santos, Santander
802	2020/10/14	04:27:26	7,743	-73,383	118,0	1,6	La Esperanza, Norte de Santander
803	2020/10/14	05:21:09	5,271	-73,794	149,0	1,3	Ubaté, Cundinamarca
804	2020/10/14	05:30:50	10,568	-73,596	79,0	1,3	Pueblo Bello, Cesar
805	2020/10/14	05:50:42	7,511	-74,222	1,0	1,8	San Pablo, Bolívar
806	2020/10/14	06:46:14	6,812	-73,122	144,0	1,8	Los Santos, Santander
807	2020/10/14	06:50:43	6,697	-73,297	132,0	1,5	Galán, Santander
808	2020/10/14	07:02:48	3,552	-74,275	18,0	1,4	Uribe, Meta
809	2020/10/14	07:31:36	6,813	-73,114	147,0	1,5	Los Santos, Santander
810	2020/10/14	07:34:31	6,826	-73,152	145,0	1,9	Los Santos, Santander
811	2020/10/14	08:12:33	10,2	-73,308	115,0	2,1	San Diego, Cesar
812	2020/10/14	08:32:41	7,429	-73,211	133,0	1,8	Rionegro, Santander
813	2020/10/14	08:33:55	4,314	-76,507	24,0	2,3	Bolívar, Valle del Cauca
814	2020/10/14	08:39:12	10,688	-73,193	75,0	1,4	Valledupar, Cesar
815	2020/10/14	08:40:53	6,71	-72,729	16,0	1,3	Málaga, Santander
816	2020/10/14	08:52:02	6,216	-73,754	113,0	1,2	Landázuri, Santander
817	2020/10/14	08:59:08	6,579	-73,569	29,0	0,6	El Carmen, Santander
818	2020/10/14	09:46:14	6,806	-73,097	160,0	1,8	Los Santos, Santander
819	2020/10/14	09:51:02	5,153	-76,457	75,0	2,4	Condoto, Chocó
820	2020/10/14	10:23:01	7,77	-73,321	120,0	1,8	La Esperanza, Norte de Santander
821	2020/10/14	10:26:43	6,79	-73,192	142,0	1,5	Los Santos, Santander
822	2020/10/14	10:40:35	5,266	-73,774	141,0	1,6	Cucunubá, Cundinamarca
823	2020/10/14	11:26:31	7,48	-73,177	130,0	3,2	El Playón, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
824	2020/10/14	11:38:16	6,722	-73,16	147,0	1,7	Villanueva, Santander
825	2020/10/14	12:40:08	6,76	-73,135	137,0	1,9	Los Santos, Santander
826	2020/10/14	12:42:50	3,476	-74,218	9,0	1,3	Mesetas, Meta
827	2020/10/14	12:44:15	6,799	-73,161	145,0	1,5	Los Santos, Santander
828	2020/10/14	13:12:16	5,257	-73,752	144,0	1,6	Cucunubá, Cundinamarca
829	2020/10/14	13:54:52	6,795	-73,119	147,0	1,7	Los Santos, Santander
830	2020/10/14	14:01:48	6,827	-73,185	149,0	3,1	Zapatoca, Santander
831	2020/10/14	14:54:30	6,834	-73,202	148,0	1,7	Zapatoca, Santander
832	2020/10/14	15:56:48	6,852	-73,17	149,0	2,3	Zapatoca, Santander
833	2020/10/14	16:18:48	6,897	-76,138	0,0	2,1	Uramita, Antioquia
834	2020/10/14	16:37:36	5,598	-73,858	133,0	1,6	Caldas, Boyacá
835	2020/10/14	17:10:00	9,404	-73,177	139,0	1,9	Norte Colombia
836	2020/10/14	17:55:59	6,839	-73,088	151,0	1,7	Los Santos, Santander
837	2020/10/14	17:57:06	3,39	-76,498	20,0	1,2	Cali, Valle del Cauca
838	2020/10/14	18:05:52	6,796	-73,136	143,0	1,7	Los Santos, Santander
839	2020/10/14	18:08:13	6,75	-73,168	156,0	1,6	Los Santos, Santander
840	2020/10/14	18:39:56	9,769	-72,603	13,0	1,8	Venezuela
841	2020/10/14	18:51:05	6,836	-73,152	145,0	2,2	Los Santos, Santander
842	2020/10/14	18:52:03	6,766	-73,141	137,0	2,1	Los Santos, Santander
843	2020/10/14	19:46:19	6,749	-73,137	142,0	2,1	Los Santos, Santander
844	2020/10/14	21:31:54	4,413	-75,422	3,0	1,1	Cajamarca, Tolima
845	2020/10/14	21:58:32	5,861	-74,811	0,0	0,8	Sonsón, Antioquia
846	2020/10/14	22:06:30	6,019	-74,09	86,0	1,2	Sucre, Santander
847	2020/10/14	22:46:09	2,42	-75,438	29,0	1,4	Gigante, Huila
848	2020/10/14	23:24:09	7,675	-76,027	124,0	1,6	Tierralta, Córdoba
849	2020/10/14	23:43:15	6,752	-73,098	155,0	1,8	Los Santos, Santander
850	2020/10/14	23:52:06	6,265	-76,22	17,0	1,4	Urrao, Antioquia
851	2020/10/14	23:58:46	3,79	-71,482	0,0	2,2	Puerto Gaitán, Meta
852	2020/10/15	00:03:46	5,886	-73,731	107,0	1,5	Puente Nacional, Santander
853	2020/10/15	00:19:43	5,581	-74,034	100,0	1,2	Maripí, Boyacá
854	2020/10/15	00:32:58	6,762	-73,107	136,0	2,1	Los Santos, Santander
855	2020/10/15	00:59:36	6,677	-73,631	113,0	1,2	El Carmen, Santander
856	2020/10/15	01:05:35	6,762	-73,18	138,0	2,0	Los Santos, Santander
857	2020/10/15	01:18:58	3,676	-76,776	36,0	1,1	Dagua, Valle del Cauca
858	2020/10/15	01:30:57	6,829	-73,14	141,0	2,3	Los Santos, Santander
859	2020/10/15	02:14:35	6,779	-73,163	136,0	1,8	Los Santos, Santander
860	2020/10/15	02:42:18	2,434	-75,59	16,0	2,3	Paicol, Huila
861	2020/10/15	02:58:53	6,771	-73,146	140,0	1,7	Los Santos, Santander
862	2020/10/15	03:00:41	6,796	-73,214	131,0	1,6	Zapatoca, Santander
863	2020/10/15	03:18:49	6,834	-73,18	134,0	1,9	Zapatoca, Santander
864	2020/10/15	04:02:38	6,628	-73,144	144,0	1,2	Villanueva, Santander
865	2020/10/15	04:09:32	3,042	-74,754	38,0	1,2	Uribe, Meta
866	2020/10/15	04:10:18	5,132	-77,971	0,0	1,9	Océano Pacifico
867	2020/10/15	04:54:33	3,604	-76,72	50,0	1,6	Dagua, Valle del Cauca
868	2020/10/15	04:57:09	6,758	-73,21	137,0	1,6	Villanueva, Santander
869	2020/10/15	05:01:59	6,621	-73,614	113,0	1,2	El Carmen, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
870	2020/10/15	05:44:05	6,834	-73,15	148,0	2,1	Los Santos, Santander
871	2020/10/15	05:55:54	6,546	-73,566	115,0	1,5	El Carmen, Santander
872	2020/10/15	06:18:27	4,67	-74,699	22,0	0,6	Pulí, Cundinamarca
873	2020/10/15	06:20:37	4,835	-74,511	16,0	1,8	Bituima, Cundinamarca
874	2020/10/15	06:30:50	6,838	-73,157	153,0	2,1	Los Santos, Santander
875	2020/10/15	06:47:56	7,468	-73,377	123,0	1,2	Rionegro, Santander
876	2020/10/15	07:07:09	6,745	-73,163	134,0	1,7	Los Santos, Santander
877	2020/10/15	07:09:38	9,076	-74,024	29,0	1,4	El Banco, Magdalena
878	2020/10/15	07:13:19	9,957	-73,306	113,0	1,5	Agustín Codazzi, Cesar
879	2020/10/15	07:36:28	3,607	-74,192	11,0	1,1	Lejanías, Meta
880	2020/10/15	07:41:49	2,6	-75,675	23,0	1,1	Tesalia, Huila
881	2020/10/15	07:57:31	6,835	-73,152	138,0	1,6	Los Santos, Santander
882	2020/10/15	08:02:14	2,705	-76,658	12,0	1,5	Cajibío, Cauca
883	2020/10/15	08:30:23	9,07	-74,048	0,0	1,1	El Banco, Magdalena
884	2020/10/15	08:48:23	6,544	-74,354	60,0	1,1	Cimitarra, Santander
885	2020/10/15	08:54:26	4,411	-75,642	12,0	0,7	Córdoba, Quindío
886	2020/10/15	08:57:04	5,122	-72,83	0,0	1,3	Tauramena, Casanare
887	2020/10/15	09:00:49	2,011	-77,154	119,0	2,1	Patía (El Bordo), Cauca
888	2020/10/15	09:01:59	6,792	-73,227	145,0	1,6	Zapatoca, Santander
889	2020/10/15	09:09:01	7,441	-73,094	145,0	3,2	Rionegro, Santander
890	2020/10/15	09:10:38	7,358	-74,049	78,0	1,7	Cantagallo, Bolívar
891	2020/10/15	09:32:19	6,807	-73,12	148,0	1,6	Los Santos, Santander
892	2020/10/15	09:39:14	6,117	-73,456	134,0	1,4	Suaita, Santander
893	2020/10/15	09:41:25	5,489	-74,377	18,0	1,4	Yacopí, Cundinamarca
894	2020/10/15	09:51:10	8,963	-73,442	106,0	1,8	Pailitas, Cesar
895	2020/10/15	09:57:45	6,787	-73,18	141,0	1,9	Los Santos, Santander
896	2020/10/15	10:00:30	6,758	-73,199	149,0	1,5	Villanueva, Santander
897	2020/10/15	10:25:43	6,808	-73,147	147,0	1,6	Los Santos, Santander
898	2020/10/15	10:29:29	6,818	-73,207	149,0	3,7	Zapatoca, Santander
899	2020/10/15	11:42:57	6,724	-73,201	140,0	1,7	Villanueva, Santander
900	2020/10/15	11:45:31	5,206	-75,961	12,0	1,0	Apía, Risaralda
901	2020/10/15	12:30:11	6,033	-75,474	0,0	0,5	Retiro, Antioquia
902	2020/10/15	12:32:44	2,75	-75,049	32,0	1,4	San Vicente del Caguán, Caquetá
903	2020/10/15	12:36:57	5,68	-76,036	47,0	0,9	Andes, Antioquia
904	2020/10/15	13:20:55	5,407	-75,947	15,0	1,2	Mistrató, Risaralda
905	2020/10/15	13:35:40	5,225	-73,794	132,0	1,7	Cucunubá, Cundinamarca
906	2020/10/15	14:38:07	5,259	-73,727	153,0	2,6	Lenguazaque, Cundinamarca
907	2020/10/15	14:53:45	5,622	-74,875	3,0	1,0	Norcasia, Caldas
908	2020/10/15	16:01:46	6,78	-73,23	148,0	1,8	Zapatoca, Santander
909	2020/10/15	16:54:57	3,499	-75,215	29,0	2,2	Natagaima, Tolima
910	2020/10/15	17:26:55	3,764	-76,402	108,0	1,4	Yotoco, Valle del Cauca
911	2020/10/15	17:47:31	11,082	-73,645	27,0	1,8	Dibulla, la Guajira
912	2020/10/15	18:00:14	6,745	-73,184	142,0	1,7	Villanueva, Santander
913	2020/10/15	18:14:48	6,817	-73,133	146,0	2,3	Los Santos, Santander
914	2020/10/15	18:29:12	3,305	-74,555	0,0	1,1	Uribe, Meta
915	2020/10/15	18:56:28	5,154	-75,666	107,0	2,7	Manizales, Caldas

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
916	2020/10/15	19:52:25	6,791	-73,136	156,0	2,1	Los Santos, Santander
917	2020/10/15	20:32:09	4,061	-74,814	18,0	1,2	Suárez, Tolima
918	2020/10/15	20:35:28	6,41	-74,262	14,0	1,5	Cimitarra, Santander
919	2020/10/15	20:48:32	6,857	-73,192	148,0	2,1	Zapatoca, Santander
920	2020/10/15	20:58:52	6,904	-73,109	147,0	1,9	Los Santos, Santander
921	2020/10/15	21:13:35	6,888	-73,15	153,0	1,8	Los Santos, Santander
922	2020/10/15	22:11:38	10,429	-73,271	98,0	2,2	Valledupar, Cesar
923	2020/10/15	22:40:23	6,84	-73,158	147,0	2,4	Los Santos, Santander
924	2020/10/15	23:19:45	2,896	-76,491	16,0	2,2	Santander de Quilichao, Cauca
925	2020/10/15	23:31:54	6,391	-74,851	4,0	0,9	San Roque, Antioquia
926	2020/10/16	00:16:06	6,753	-73,09	146,0	1,7	Los Santos, Santander
927	2020/10/16	00:25:59	3,945	-76,304	123,0	1,2	Buga, Valle del Cauca
928	2020/10/16	01:39:54	8,634	-73,213	112,0	1,6	Teorama, Norte de Santander
929	2020/10/16	02:04:26	5,704	-74,347	21,0	0,8	Yacopí, Cundinamarca
930	2020/10/16	02:04:43	10,435	-73,291	91,0	1,4	Valledupar, Cesar
931	2020/10/16	02:29:21	3,842	-71,562	0,0	2,0	Puerto Gaitán, Meta
932	2020/10/16	02:44:57	4,417	-75,299	13,0	0,6	Ibagué, Tolima
933	2020/10/16	02:51:37	6,821	-73,222	134,0	1,6	Zapatoca, Santander
934	2020/10/16	03:04:24	6,825	-73,182	139,0	1,7	Zapatoca, Santander
935	2020/10/16	03:20:54	3,474	-74,196	16,0	1,2	Mesetas, Meta
936	2020/10/16	03:29:03	6,74	-73,222	144,0	1,6	Zapatoca, Santander
937	2020/10/16	03:47:47	4,405	-76,35	116,0	1,4	Bolívar, Valle del Cauca
938	2020/10/16	03:54:55	6,754	-73,124	136,0	1,9	Los Santos, Santander
939	2020/10/16	04:12:30	6,396	-73,6	117,0	1,1	Santa Helena del Opón, Santander
940	2020/10/16	04:16:34	7,79	-75,47	25,0	1,7	San Jose de Ure, Córdoba
941	2020/10/16	04:19:53	6,835	-73,132	152,0	2,3	Los Santos, Santander
942	2020/10/16	04:55:02	3,934	-76,778	68,0	0,9	Calima (El Darién), Valle del Cauca
943	2020/10/16	05:16:51	6,812	-73,124	141,0	1,7	Los Santos, Santander
944	2020/10/16	05:21:09	4,595	-77,375	3,0	1,7	Océano Pacífico
945	2020/10/16	05:28:34	6,822	-73,17	147,0	2,6	Los Santos, Santander
946	2020/10/16	05:39:10	3,505	-74,209	13,0	2,1	Mesetas, Meta
947	2020/10/16	05:39:57	10,208	-73,298	110,0	1,6	San Diego, Cesar
948	2020/10/16	06:05:42	5,256	-74,543	22,0	0,8	Caparrapí, Cundinamarca
949	2020/10/16	06:17:04	6,836	-73,184	146,0	1,8	Zapatoca, Santander
950	2020/10/16	06:18:59	6,796	-73,152	141,0	1,8	Los Santos, Santander
951	2020/10/16	06:40:52	6,775	-73,133	141,0	2,0	Los Santos, Santander
952	2020/10/16	06:50:05	3,766	-76,364	133,0	2,5	Guacarí, Valle del Cauca
953	2020/10/16	06:56:01	3,805	-77,009	3,0	1,5	Buenaventura, Valle del Cauca
954	2020/10/16	07:00:33	10,523	-73,461	7,0	1,1	Valledupar, Cesar
955	2020/10/16	07:00:58	6,791	-73,138	144,0	2,1	Los Santos, Santander
956	2020/10/16	07:18:13	6,864	-73,204	147,0	1,5	Zapatoca, Santander
957	2020/10/16	07:21:30	2,926	-76,391	27,0	0,5	Santander de Quilichao, Cauca
958	2020/10/16	07:46:00	1,54	-76,8788	5,0	3,0	Área de Influencia Volcán Las Animas
959	2020/10/16	07:56:23	6,783	-73,347	132,0	1,4	Zapatoca, Santander
960	2020/10/16	08:05:38	11,27	-72,273	2,0	1,5	Maicao, la Guajira
961	2020/10/16	08:16:17	6,771	-73,131	149,0	1,8	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
962	2020/10/16	08:27:05	6,84	-73,16	153,0	2,5	Los Santos, Santander
963	2020/10/16	08:32:32	6,812	-73,19	147,0	2,5	Zapatoca, Santander
964	2020/10/16	08:49:04	6,733	-73,129	141,0	1,8	Los Santos, Santander
965	2020/10/16	09:13:24	6,27	-73,087	174,0	2,0	Charalá, Santander
966	2020/10/16	09:19:27	6,576	-73,399	120,0	1,7	Hato, Santander
967	2020/10/16	09:39:34	5,234	-73,702	146,0	2,0	Cucunubá, Cundinamarca
968	2020/10/16	09:57:30	7,103	-76,258	0,0	2,2	Dabeiba, Antioquia
969	2020/10/16	10:27:32	6,84	-73,187	150,0	1,7	Zapatoca, Santander
970	2020/10/16	10:33:13	3,406	-74,556	29,0	1,5	Uribe, Meta
971	2020/10/16	10:54:17	5,688	-73,934	114,0	1,4	Briceni, Boyacá
972	2020/10/16	11:44:00	1,5425	-76,8823	5,0	3,2	Área de Influencia Volcán Las Animas
973	2020/10/16	13:23:26	4,078	-77,044	51,0	2,3	Buenaventura, Valle del Cauca
974	2020/10/16	13:26:42	6,85	-73,131	141,0	1,6	Los Santos, Santander
975	2020/10/16	13:37:02	6,768	-73,152	150,0	1,8	Los Santos, Santander
976	2020/10/16	14:04:59	3,56	-74,441	16,0	1,2	Uribe, Meta
977	2020/10/16	14:17:29	6,908	-73,362	116,0	2,7	San Vicente de Chucurí, Santander
978	2020/10/16	14:25:27	6,365	-73,573	117,0	1,5	Santa Helena del Opón, Santander
979	2020/10/16	14:38:57	6,846	-73,138	150,0	2,1	Los Santos, Santander
980	2020/10/16	15:09:48	8,209	-73,457	126,0	2,2	Rio de Oro, Cesar
981	2020/10/16	15:17:43	6,847	-73,174	130,0	1,9	Zapatoca, Santander
982	2020/10/16	16:08:00	1,53783	-76,8788	4,0	2,4	Área de Influencia Volcán Las Animas
983	2020/10/16	16:13:39	4,524	-76,252	121,0	1,4	El Dovio, Valle del Cauca
984	2020/10/16	16:56:54	7,504	-73,321	0,0	2,0	Rionegro, Santander
985	2020/10/16	17:18:33	6,804	-73,167	144,0	3,0	Los Santos, Santander
986	2020/10/16	17:34:35	3,444	-74,252	19,0	1,9	Mesetas, Meta
987	2020/10/16	17:49:17	6,786	-73,123	145,0	2,7	Los Santos, Santander
988	2020/10/16	18:37:25	6,243	-74,29	99,0	1,5	Cimitarra, Santander
989	2020/10/16	20:16:17	5,315	-73,761	142,0	3,1	Lenguazaque, Cundinamarca
990	2020/10/16	21:15:34	6,804	-73,104	146,0	1,9	Los Santos, Santander
991	2020/10/16	21:51:49	3,427	-74,273	2,0	1,5	Mesetas, Meta
992	2020/10/16	21:55:10	5,616	-76,345	28,0	2,1	Lloró, Chocó
993	2020/10/16	22:12:56	6,44	-73,599	111,0	1,8	Santa Helena del Opón, Santander
994	2020/10/16	22:43:55	2,762	-79,566	5,0	2,5	Océano Pacífico
995	2020/10/16	23:04:18	2,771	-74,466	20,0	1,6	Uribe, Meta
996	2020/10/16	23:10:29	9,028	-73,52	128,0	1,8	Chimichagua, Cesar
997	2020/10/16	23:38:42	10,5	-73,378	23,0	1,6	Valledupar, Cesar
998	2020/10/17	00:03:14	6,727	-73,147	133,0	2,2	Villanueva, Santander
999	2020/10/17	00:49:16	6,779	-73,141	141,0	2,5	Los Santos, Santander
1000	2020/10/17	01:46:46	6,746	-73,121	137,0	2,1	Los Santos, Santander
1001	2020/10/17	02:00:35	6,841	-73,207	145,0	2,3	Zapatoca, Santander
1002	2020/10/17	02:22:40	5,711	-73,414	15,0	1,8	Arcabuco, Boyacá
1003	2020/10/17	02:28:01	5,688	-73,416	12,0	2,0	Chíquiza, Boyacá
1004	2020/10/17	02:31:09	6,805	-73,164	143,0	3,0	Los Santos, Santander
1005	2020/10/17	02:56:26	6,539	-73,524	121,0	1,5	El Carmen, Santander
1006	2020/10/17	02:58:23	6,724	-73,159	136,0	1,9	Villanueva, Santander
1007	2020/10/17	03:00:38	3,247	-76,336	137,0	1,2	Miranda, Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1008	2020/10/17	03:20:59	4,652	-73,386	4,0	1,4	Medina, Cundinamarca
1009	2020/10/17	03:22:39	5,286	-74,095	110,0	1,9	San Cayetano, Cundinamarca
1010	2020/10/17	03:28:01	9,791	-72,743	160,0	1,8	Venezuela
1011	2020/10/17	03:33:21	6,629	-73,209	142,0	1,5	Barichara, Santander
1012	2020/10/17	04:33:43	6,804	-73,146	143,0	2,3	Los Santos, Santander
1013	2020/10/17	05:02:58	6,82	-73,152	145,0	1,7	Los Santos, Santander
1014	2020/10/17	06:15:48	6,821	-73,054	145,0	1,8	Los Santos, Santander
1015	2020/10/17	06:18:34	6,846	-73,152	147,0	2,5	Los Santos, Santander
1016	2020/10/17	06:36:14	6,332	-74,413	10,0	2,5	Cimitarra, Santander
1017	2020/10/17	06:42:00	1,53417	-76,8742	4,0	2,5	Área de Influencia Volcán Las Animas
1018	2020/10/17	06:45:56	6,813	-73,092	145,0	1,8	Los Santos, Santander
1019	2020/10/17	06:59:10	4,791	-75,466	2,0	0,4	Santa Rosa de Cabal, Risaralda
1020	2020/10/17	07:22:54	6,794	-73,166	143,0	1,7	Los Santos, Santander
1021	2020/10/17	07:44:28	5,169	-76,349	75,0	2,3	Rio Iró (Santa Rita), Chocó
1022	2020/10/17	07:51:53	6,718	-73,154	145,0	1,6	Villanueva, Santander
1023	2020/10/17	08:02:56	6,844	-73,135	149,0	1,5	Los Santos, Santander
1024	2020/10/17	08:16:11	6,856	-73,156	147,0	2,0	Los Santos, Santander
1025	2020/10/17	08:19:15	6,784	-73,124	149,0	1,8	Los Santos, Santander
1026	2020/10/17	08:23:05	6,852	-73,14	145,0	1,7	Los Santos, Santander
1027	2020/10/17	08:27:45	6,785	-73,177	147,0	1,8	Los Santos, Santander
1028	2020/10/17	08:51:01	7,11	-76,234	8,0	1,6	Dabeiba, Antioquia
1029	2020/10/17	09:04:27	4,351	-76,287	102,0	1,4	Bolívar, Valle del Cauca
1030	2020/10/17	09:11:21	6,792	-73,197	138,0	1,9	Los Santos, Santander
1031	2020/10/17	09:12:40	6,804	-73,123	153,0	1,7	Los Santos, Santander
1032	2020/10/17	09:21:01	6,824	-73,193	146,0	1,7	Zapatoca, Santander
1033	2020/10/17	09:55:44	3,301	-79,167	21,0	2,1	Océano Pacifico
1034	2020/10/17	10:22:01	4,038	-78,596	16,0	2,0	Océano Pacifico
1035	2020/10/17	10:57:09	6,801	-73,09	147,0	1,8	Los Santos, Santander
1036	2020/10/17	11:00:41	7,824	-73,256	127,0	1,9	Ábrego, Norte de Santander
1037	2020/10/17	11:56:32	6,879	-73,2	146,0	1,9	Zapatoca, Santander
1038	2020/10/17	12:13:32	7,498	-74,428	27,0	1,8	Santa Rosa del Sur, Bolívar
1039	2020/10/17	12:29:44	7,053	-76,221	10,0	1,6	Dabeiba, Antioquia
1040	2020/10/17	13:00:00	1,53933	-76,8863	6,0	2,0	Área de Influencia Volcán Las Animas
1041	2020/10/17	13:15:33	6,819	-73,141	142,0	2,0	Los Santos, Santander
1042	2020/10/17	14:26:52	6,735	-73,201	152,0	1,8	Villanueva, Santander
1043	2020/10/17	14:38:58	6,305	-72,304	2,0	1,5	Tame, Arauca
1044	2020/10/17	14:40:54	10,491	-74,374	31,0	1,6	Pivijay, Magdalena
1045	2020/10/17	14:57:19	6,758	-73,133	138,0	2,5	Los Santos, Santander
1046	2020/10/17	15:42:03	4,136	-75,374	12,0	0,6	Rovira, Tolima
1047	2020/10/17	16:32:45	6,16	-73,709	111,0	1,9	Vélez, Santander
1048	2020/10/17	16:38:42	6,128	-76,422	36,0	1,9	Medio Atrato (Beté), Chocó
1049	2020/10/17	16:57:18	5,629	-73,963	112,0	3,2	Pauna, Boyacá
1050	2020/10/17	17:20:40	6,686	-73,193	130,0	2,0	Barichara, Santander
1051	2020/10/17	17:34:24	5,957	-74,3	14,0	1,5	Puerto Boyacá, Boyacá
1052	2020/10/17	17:40:42	5,84	-75,995	64,0	1,2	Ciudad Bolívar, Antioquia
1053	2020/10/17	17:50:48	7,323	-75,205	29,0	1,7	Tarazá, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1054	2020/10/17	17:56:00	6,754	-73,159	136,0	1,8	Los Santos, Santander
1055	2020/10/17	18:04:16	6,007	-73,7	116,0	1,5	Vélez, Santander
1056	2020/10/17	18:45:02	5,837	-73,902	104,0	1,3	Florián, Santander
1057	2020/10/17	19:25:47	6,799	-73,194	148,0	2,3	Los Santos, Santander
1058	2020/10/17	20:29:42	4,983	-82,438	0,0	2,8	Océano Pacífico
1059	2020/10/17	20:31:50	3,63	-77,452	0,0	1,5	Océano Pacífico
1060	2020/10/17	20:42:42	3,395	-74,698	20,0	0,8	Colombia, Huila
1061	2020/10/17	20:44:33	5,22	-73,055	13,0	2,0	San Eduardo, Boyacá
1062	2020/10/17	20:52:40	6,744	-73,184	150,0	1,8	Villanueva, Santander
1063	2020/10/17	20:59:22	7,479	-75,551	42,0	1,3	Taráz, Antioquia
1064	2020/10/17	21:44:54	6,825	-73,195	144,0	1,8	Zapatoca, Santander
1065	2020/10/17	22:10:00	1,5385	-76,8792	5,0	2,9	Área de Influencia Volcán Las Animas
1066	2020/10/17	22:12:43	6,502	-74,771	26,0	1,1	Maceo, Antioquia
1067	2020/10/17	22:45:26	4,392	-76,147	16,0	0,9	Roldanillo, Valle del Cauca
1068	2020/10/17	23:41:29	2,254	-75,601	17,0	1,2	Garzón, Huila
1069	2020/10/17	23:49:05	6,834	-73,162	142,0	1,8	Los Santos, Santander
1070	2020/10/17	23:51:54	10,982	-73,627	33,0	1,7	Dibulla, la Guajira
1071	2020/10/18	00:17:35	6,762	-73,129	138,0	1,8	Los Santos, Santander
1072	2020/10/18	00:38:00	1,53933	-76,8797	4,0	2,8	Área de Influencia Volcán Las Animas
1073	2020/10/18	00:55:55	6,759	-73,123	135,0	2,1	Los Santos, Santander
1074	2020/10/18	01:20:51	3,381	-74,273	18,0	1,2	Mesetas, Meta
1075	2020/10/18	01:24:26	1,988	-75,927	24,0	0,8	Elías, Huila
1076	2020/10/18	01:55:32	7,591	-75,316	36,0	2,0	Cáceres, Antioquia
1077	2020/10/18	02:05:53	6,764	-73,114	142,0	2,0	Los Santos, Santander
1078	2020/10/18	02:07:00	6,499	-73,752	114,0	1,6	Vélez, Santander
1079	2020/10/18	02:15:32	6,813	-73,124	136,0	1,7	Los Santos, Santander
1080	2020/10/18	02:17:00	1,54017	-76,8803	4,0	2,0	Área de Influencia Volcán Las Animas
1081	2020/10/18	02:57:51	6,816	-73,151	146,0	2,5	Los Santos, Santander
1082	2020/10/18	04:05:14	6,327	-76,846	0,0	1,4	Bojayá (Bellavista), Chocó
1083	2020/10/18	04:09:51	9,714	-73,784	85,0	2,0	El Paso, Cesar
1084	2020/10/18	04:29:40	10,596	-73,516	30,0	1,4	Valledupar, Cesar
1085	2020/10/18	05:05:46	4,209	-76,894	19,0	1,4	El Litoral del San Juan (Docordó), Chocó
1086	2020/10/18	05:15:49	4,347	-77,054	34,0	2,5	El Litoral del San Juan (Docordó), Chocó
1087	2020/10/18	05:47:53	5,27	-73,706	147,0	1,4	Lenguazaque, Cundinamarca
1088	2020/10/18	05:54:04	3,074	-74,628	27,0	1,3	Uribe, Meta
1089	2020/10/18	06:10:59	6,834	-73,15	144,0	1,8	Los Santos, Santander
1090	2020/10/18	07:34:19	3,097	-74,607	30,0	1,0	Uribe, Meta
1091	2020/10/18	07:51:30	11,186	-74,575	30,0	1,6	Mar Caribe
1092	2020/10/18	07:54:00	1,53983	-76,8822	4,0	2,1	Área de Influencia Volcán Las Animas
1093	2020/10/18	08:15:55	6,799	-73,162	145,0	2,1	Los Santos, Santander
1094	2020/10/18	08:23:22	4,422	-75,686	15,0	0,5	Córdoba, Quindío
1095	2020/10/18	08:44:42	6,812	-73,1	147,0	1,7	Los Santos, Santander
1096	2020/10/18	08:46:11	2,363	-75,387	30,0	1,4	Algeciras, Huila
1097	2020/10/18	08:55:06	3,968	-76,346	122,0	1,3	Yotoco, Valle del Cauca
1098	2020/10/18	08:58:05	6,798	-73,127	144,0	1,7	Los Santos, Santander
1099	2020/10/18	09:49:08	3,675	-74,197	14,0	1,2	Lejanías, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1100	2020/10/18	09:56:29	6,828	-73,162	152,0	1,9	Los Santos, Santander
1101	2020/10/18	10:06:24	6,75	-73,147	139,0	2,1	Los Santos, Santander
1102	2020/10/18	10:07:08	6,818	-73,136	142,0	2,3	Los Santos, Santander
1103	2020/10/18	10:17:22	3,48	-74,232	1,0	0,9	Mesetas, Meta
1104	2020/10/18	10:22:57	2,418	-75,342	25,0	1,2	Algeciras, Huila
1105	2020/10/18	10:26:04	6,82	-73,146	149,0	2,5	Los Santos, Santander
1106	2020/10/18	10:29:00	1,54067	-76,881	4,0	2,0	Área de Influencia Volcán Las Animas
1107	2020/10/18	10:35:18	3,463	-74,177	10,0	1,0	Mesetas, Meta
1108	2020/10/18	10:46:59	4,962	-74,692	25,0	1,2	Chaguaní, Cundinamarca
1109	2020/10/18	12:15:19	3,091	-74,503	19,0	0,9	Uribe, Meta
1110	2020/10/18	12:54:20	1,526	-78,147	75,0	2,2	Barbacoas, Nariño
1111	2020/10/18	12:57:03	6,751	-73,175	147,0	1,6	Los Santos, Santander
1112	2020/10/18	13:13:20	6,707	-73,133	139,0	1,8	Jordán, Santander
1113	2020/10/18	13:43:12	6,758	-73,163	135,0	2,0	Los Santos, Santander
1114	2020/10/18	14:09:28	3,616	-74,437	41,0	2,1	Uribe, Meta
1115	2020/10/18	14:20:24	6,779	-73,158	148,0	2,0	Los Santos, Santander
1116	2020/10/18	14:53:40	10,053	-72,6	164,0	2,2	Venezuela
1117	2020/10/18	15:20:13	6,798	-73,149	143,0	1,8	Los Santos, Santander
1118	2020/10/18	15:26:19	6,72	-73,184	142,0	1,7	Villanueva, Santander
1119	2020/10/18	16:01:42	7,042	-73,308	115,0	1,9	Girón, Santander
1120	2020/10/18	16:49:44	4,5	-76,286	126,0	1,4	El Dovio, Valle del Cauca
1121	2020/10/18	17:03:07	6,804	-73,192	149,0	1,8	Zapatoca, Santander
1122	2020/10/18	17:05:04	5,5	-76,486	34,0	1,5	Lloró, Chocó
1123	2020/10/18	17:28:29	6,85	-73,134	143,0	2,3	Los Santos, Santander
1124	2020/10/18	17:33:40	7,071	-73,516	110,0	2,0	Betulia, Santander
1125	2020/10/18	18:41:17	6,779	-73,159	148,0	2,1	Los Santos, Santander
1126	2020/10/18	18:56:17	6,776	-73,138	139,0	2,5	Los Santos, Santander
1127	2020/10/18	19:06:03	6,779	-73,159	140,0	2,1	Los Santos, Santander
1128	2020/10/18	19:14:13	7,742	-73,606	95,0	2,0	La Esperanza, Norte de Santander
1129	2020/10/18	19:40:26	6,858	-73,148	149,0	1,7	Los Santos, Santander
1130	2020/10/18	21:08:21	6,729	-73,173	148,0	2,1	Villanueva, Santander
1131	2020/10/18	21:09:25	4,181	-76,407	122,0	1,7	Trujillo, Valle del Cauca
1132	2020/10/18	21:41:40	3,459	-74,277	13,0	1,3	Mesetas, Meta
1133	2020/10/18	22:13:15	6,724	-73,224	144,0	1,8	Barichara, Santander
1134	2020/10/18	22:44:12	6,764	-73,117	148,0	1,8	Los Santos, Santander
1135	2020/10/18	23:15:41	6,766	-73,141	142,0	2,4	Los Santos, Santander
1136	2020/10/18	23:25:24	2,301	-74,893	0,0	1,6	San Vicente del Caguán, Caquetá
1137	2020/10/18	23:36:18	4,029	-71,666	0,0	2,1	Puerto Gaitán, Meta
1138	2020/10/18	23:54:05	6,793	-73,125	13,0	1,5	Los Santos, Santander
1139	2020/10/19	00:10:15	3,446	-74,676	23,0	1,8	Colombia, Huila
1140	2020/10/19	00:19:29	6,835	-73,306	135,0	1,6	Zapatoca, Santander
1141	2020/10/19	00:20:40	3,628	-75,024	31,0	0,6	Natagaima, Tolima
1142	2020/10/19	00:58:53	6,717	-73,123	134,0	2,0	Jordán, Santander
1143	2020/10/19	01:30:53	5,343	-72,909	16,0	1,5	Aquitania, Boyacá
1144	2020/10/19	02:03:14	6,321	-73,645	113,0	1,7	Santa Helena del Opón, Santander
1145	2020/10/19	02:14:05	6,779	-73,146	136,0	2,3	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1146	2020/10/19	03:08:12	6,805	-73,142	145,0	2,6	Los Santos, Santander
1147	2020/10/19	03:12:01	6,74	-73,16	140,0	2,2	Los Santos, Santander
1148	2020/10/19	03:20:06	8,49	-73,692	91,0	1,8	La Gloria, Cesar
1149	2020/10/19	03:31:39	3,478	-74,621	24,0	1,7	Uribe, Meta
1150	2020/10/19	03:34:31	3,756	-77,109	31,0	2,2	Buenaventura, Valle del Cauca
1151	2020/10/19	03:36:41	3,762	-77,036	15,0	1,4	Buenaventura, Valle del Cauca
1152	2020/10/19	03:43:08	10,869	-73,726	51,0	1,5	Santa Marta, Magdalena
1153	2020/10/19	04:13:48	6,788	-73,157	154,0	2,4	Los Santos, Santander
1154	2020/10/19	04:27:48	5,924	-73,755	109,0	1,3	Guavatá, Santander
1155	2020/10/19	05:27:10	6,761	-73,162	142,0	2,3	Los Santos, Santander
1156	2020/10/19	05:50:30	6,814	-73,068	148,0	1,7	Los Santos, Santander
1157	2020/10/19	05:51:43	4,561	-76,205	107,0	1,7	Versalles, Valle del Cauca
1158	2020/10/19	06:07:01	6,812	-73,18	142,0	1,7	Los Santos, Santander
1159	2020/10/19	06:13:14	6,868	-73,398	125,0	1,6	San Vicente de Chucurí, Santander
1160	2020/10/19	06:16:15	6,564	-73,6	114,0	1,6	El Carmen, Santander
1161	2020/10/19	06:24:37	7,264	-76,858	54,0	2,0	Riosucio, Chocó
1162	2020/10/19	06:36:16	6,801	-73,178	139,0	1,6	Los Santos, Santander
1163	2020/10/19	06:40:08	3,523	-77,536	23,0	1,5	Océano Pacífico
1164	2020/10/19	07:18:21	6,766	-73,133	140,0	2,0	Los Santos, Santander
1165	2020/10/19	07:22:12	7,218	-72,17	0,0	1,7	Toledo, Norte de Santander
1166	2020/10/19	07:23:49	2,334	-76,978	132,0	1,6	El Tambo, Cauca
1167	2020/10/19	07:33:56	6,837	-73,181	147,0	1,9	Zapatoca, Santander
1168	2020/10/19	07:43:50	2,05	-76,017	24,0	2,0	Oporapa, Huila
1169	2020/10/19	07:47:43	2,062	-76,006	19,0	1,9	Oporapa, Huila
1170	2020/10/19	07:47:58	2,057	-76,015	22,0	1,9	Oporapa, Huila
1171	2020/10/19	08:05:05	6,81	-73,143	144,0	1,8	Los Santos, Santander
1172	2020/10/19	08:17:39	2,09	-75,997	19,0	0,9	Oporapa, Huila
1173	2020/10/19	08:48:17	10,014	-73,287	27,0	1,4	Agustín Codazzi, Cesar
1174	2020/10/19	09:13:09	6,856	-73,206	138,0	1,7	Zapatoca, Santander
1175	2020/10/19	10:08:39	6,907	-73,176	141,0	1,9	Girón, Santander
1176	2020/10/19	10:10:53	6,809	-73,169	144,0	1,7	Los Santos, Santander
1177	2020/10/19	11:04:31	7,019	-74,09	25,0	1,5	Yondó (Casabe), Antioquia
1178	2020/10/19	11:24:14	6,798	-73,175	143,0	1,7	Los Santos, Santander
1179	2020/10/19	11:33:26	6,835	-73,149	143,0	1,9	Los Santos, Santander
1180	2020/10/19	12:01:59	3,484	-74,235	13,0	1,8	Mesetas, Meta
1181	2020/10/19	12:08:50	5,441	-74,709	25,0	1,6	La Dorada, Caldas
1182	2020/10/19	12:48:45	5,771	-73,936	101,0	1,8	Florián, Santander
1183	2020/10/19	13:03:03	3,082	-74,506	19,0	1,0	Uribe, Meta
1184	2020/10/19	13:33:15	4,592	-77,268	3,0	1,7	Bajo Baudó (Pizarro), Chocó
1185	2020/10/19	13:37:42	3,944	-76,111	36,0	1,0	San Pedro, Valle del Cauca
1186	2020/10/19	15:46:55	7,405	-73,175	135,0	1,8	Rionegro, Santander
1187	2020/10/19	16:13:16	6,813	-73,206	146,0	2,0	Zapatoca, Santander
1188	2020/10/19	17:16:05	6,827	-73,175	144,0	3,1	Los Santos, Santander
1189	2020/10/19	17:27:07	7,44	-73,297	132,0	1,6	El Playón, Santander
1190	2020/10/19	17:57:18	0,732	-77,879	8,0	3,0	Área de influencia Complejo volcánico Chiles, Cerro Negro
1191	2020/10/19	19:19:28	7,204	-73,49	28,0	1,5	Sabana de Torres, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1192	2020/10/19	19:23:00	6,862	-73,168	143,0	1,8	Los Santos, Santander
1193	2020/10/19	20:04:54	3,947	-73,601	27,0	1,2	Acacías, Meta
1194	2020/10/19	20:11:55	4,826	-75,9	40,0	0,8	Pereira, Risaralda
1195	2020/10/19	20:19:55	2,054	-76,025	21,0	2,7	Oporapa, Huila
1196	2020/10/19	20:47:04	2,03	-76,006	25,0	2,0	Oporapa, Huila
1197	2020/10/19	23:30:18	7,092	-74,158	2,0	1,7	Cantagallo, Bolívar
1198	2020/10/19	23:54:21	7,101	-74,138	1,0	2,4	Cantagallo, Bolívar
1199	2020/10/20	00:14:43	6,827	-73,178	146,0	1,6	Zapatoca, Santander
1200	2020/10/20	00:22:50	5,23	-73,736	150,0	1,9	Cucunubá, Cundinamarca
1201	2020/10/20	00:40:17	6,482	-73,609	117,0	1,3	Santa Helena del Opón, Santander
1202	2020/10/20	00:41:41	7,093	-74,159	2,0	1,1	Cantagallo, Bolívar
1203	2020/10/20	00:53:59	6,882	-73,118	144,0	1,6	Los Santos, Santander
1204	2020/10/20	01:03:33	5,632	-74,031	113,0	1,4	Maripí, Boyacá
1205	2020/10/20	01:12:18	7,181	-74,984	4,0	1,0	Amalfi, Antioquia
1206	2020/10/20	01:22:54	2,681	-77,392	68,0	1,0	Timbiquí, Cauca
1207	2020/10/20	01:26:14	6,766	-73,172	144,0	1,5	Los Santos, Santander
1208	2020/10/20	01:33:27	3,914	-75,632	0,0	0,8	Chaparral, Tolima
1209	2020/10/20	01:59:23	1,888	-76,033	22,0	2,4	Pitalito, Huila
1210	2020/10/20	02:04:52	8,093	-73,395	0,0	2,1	San Martín, Cesar
1211	2020/10/20	02:13:31	11,15	-73,976	3,0	1,5	Santa Marta, Magdalena
1212	2020/10/20	02:15:45	6,799	-73,188	146,0	1,5	Los Santos, Santander
1213	2020/10/20	02:27:16	2,212	-75,585	8,0	1,2	Garzón, Huila
1214	2020/10/20	02:35:13	6,789	-73,166	147,0	1,5	Los Santos, Santander
1215	2020/10/20	03:04:49	6,823	-73,161	148,0	1,6	Los Santos, Santander
1216	2020/10/20	03:12:22	6,807	-73,131	148,0	1,9	Los Santos, Santander
1217	2020/10/20	03:38:22	6,775	-73,068	149,0	1,8	Los Santos, Santander
1218	2020/10/20	04:05:04	6,732	-73,09	141,0	2,0	Jordán, Santander
1219	2020/10/20	04:30:20	6,775	-73,218	133,0	1,7	Zapatoca, Santander
1220	2020/10/20	04:38:00	6,758	-73,129	141,0	1,9	Los Santos, Santander
1221	2020/10/20	04:41:04	6,438	-73,782	99,0	1,3	Landázuri, Santander
1222	2020/10/20	05:15:16	6,032	-73,866	104,0	1,2	El Peñón, Santander
1223	2020/10/20	05:25:44	7,465	-75,524	45,0	2,0	Tarazá, Antioquia
1224	2020/10/20	05:32:01	7,095	-74,151	3,0	1,4	Cantagallo, Bolívar
1225	2020/10/20	05:46:40	6,758	-73,146	141,0	1,9	Los Santos, Santander
1226	2020/10/20	05:58:17	6,802	-73,187	142,0	1,6	Los Santos, Santander
1227	2020/10/20	06:02:51	5,83	-73,816	102,0	2,3	Jesús María, Santander
1228	2020/10/20	06:12:14	6,773	-73,139	145,0	2,0	Los Santos, Santander
1229	2020/10/20	06:15:42	2,057	-76,0	4,0	0,9	Oporapa, Huila
1230	2020/10/20	06:35:05	9,512	-73,375	20,0	1,2	La Jagua de Ibirico, Cesar
1231	2020/10/20	06:55:22	3,706	-77,01	10,0	1,2	Buenaventura, Valle del Cauca
1232	2020/10/20	07:05:42	7,095	-74,158	3,0	1,1	Cantagallo, Bolívar
1233	2020/10/20	07:14:11	3,989	-71,53	4,0	2,2	Puerto Gaitán, Meta
1234	2020/10/20	07:17:41	7,02	-73,39	122,0	1,6	Betulia, Santander
1235	2020/10/20	07:20:58	3,862	-76,218	111,0	1,4	Buga, Valle del Cauca
1236	2020/10/20	07:27:30	6,801	-73,173	143,0	1,7	Los Santos, Santander
1237	2020/10/20	07:43:07	6,826	-73,174	146,0	1,7	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1238	2020/10/20	08:08:23	7,191	-73,076	158,0	1,8	Bucaramanga, Santander
1239	2020/10/20	08:10:39	6,716	-73,209	140,0	1,6	Barichara, Santander
1240	2020/10/20	08:12:41	6,624	-73,178	157,0	1,7	Barichara, Santander
1241	2020/10/20	08:22:16	6,766	-73,193	143,0	2,0	Los Santos, Santander
1242	2020/10/20	09:01:22	5,26	-74,549	26,0	1,1	Caparrapí, Cundinamarca
1243	2020/10/20	09:13:42	6,783	-76,471	19,0	2,4	Dabeiba, Antioquia
1244	2020/10/20	09:18:37	7,461	-73,189	127,0	1,7	El Playón, Santander
1245	2020/10/20	09:29:37	3,905	-71,548	1,0	2,2	Puerto Gaitán, Meta
1246	2020/10/20	09:36:29	3,956	-71,556	0,0	2,6	Puerto Gaitán, Meta
1247	2020/10/20	09:41:59	8,84	-73,205	27,0	2,0	Convención, Norte de Santander
1248	2020/10/20	09:46:26	3,552	-73,646	23,0	1,4	Granada, Meta
1249	2020/10/20	10:11:01	5,274	-73,739	147,0	1,6	Cucunubá, Cundinamarca
1250	2020/10/20	10:22:44	4,466	-74,982	25,0	1,0	Piedras, Tolima
1251	2020/10/20	10:37:19	5,42	-73,666	134,0	1,9	Guachetá, Cundinamarca
1252	2020/10/20	10:46:16	4,495	-73,575	39,0	3,2	Medina, Cundinamarca
1253	2020/10/20	11:22:56	11,102	-73,618	28,0	1,7	Dibulla, la Guajira
1254	2020/10/20	11:43:57	6,764	-73,102	140,0	1,9	Los Santos, Santander
1255	2020/10/20	11:48:08	6,59	-73,09	142,0	1,9	Curití, Santander
1256	2020/10/20	12:09:49	6,806	-73,056	139,0	2,0	Los Santos, Santander
1257	2020/10/20	12:57:49	6,724	-73,236	143,0	2,0	Zapatoca, Santander
1258	2020/10/20	13:49:32	2,312	-75,621	33,0	2,1	Garzón, Huila
1259	2020/10/20	14:37:30	6,892	-73,135	148,0	2,0	Los Santos, Santander
1260	2020/10/20	16:23:59	6,974	-73,145	144,0	1,8	Girón, Santander
1261	2020/10/20	17:49:23	7,4	-73,226	137,0	1,8	Rionegro, Santander
1262	2020/10/20	17:54:18	6,813	-73,137	146,0	2,5	Los Santos, Santander
1263	2020/10/20	18:21:27	6,747	-73,148	142,0	2,1	Los Santos, Santander
1264	2020/10/20	18:38:16	6,779	-73,15	141,0	2,3	Los Santos, Santander
1265	2020/10/20	18:46:28	4,16	-76,602	89,0	2,7	El Litoral del San Juan (Docordó), Chocó
1266	2020/10/20	18:47:17	6,788	-73,13	145,0	2,9	Los Santos, Santander
1267	2020/10/20	18:58:09	6,682	-73,141	137,0	2,0	Villanueva, Santander
1268	2020/10/20	20:56:30	6,754	-73,133	139,0	2,1	Los Santos, Santander
1269	2020/10/20	21:41:32	6,212	-74,489	60,0	3,2	Bolivar, Santander
1270	2020/10/20	21:46:47	6,696	-73,148	137,0	2,0	Villanueva, Santander
1271	2020/10/20	22:29:40	6,715	-73,167	132,0	2,0	Villanueva, Santander
1272	2020/10/20	22:36:56	5,311	-72,583	11,0	1,6	Aguazul, Casanare
1273	2020/10/20	23:33:54	5,709	-73,527	146,0	2,5	Gachantivá, Boyacá
1274	2020/10/21	00:24:39	1,704	-76,581	2,0	1,2	Santa Rosa, Cauca
1275	2020/10/21	00:50:15	8,6	-77,863	61,0	2,0	Panama-Colombia
1276	2020/10/21	01:03:52	5,357	-76,505	43,0	1,5	Cértegui, Chocó
1277	2020/10/21	01:11:59	7,303	-73,012	160,0	1,7	Matanza, Santander
1278	2020/10/21	01:14:38	6,833	-73,169	147,0	1,5	Los Santos, Santander
1279	2020/10/21	01:21:45	10,324	-73,648	79,0	1,5	Pueblo Bello, Cesar
1280	2020/10/21	01:56:35	6,798	-73,169	143,0	1,7	Los Santos, Santander
1281	2020/10/21	02:08:59	3,326	-74,52	19,0	2,1	Uribe, Meta
1282	2020/10/21	02:21:45	6,789	-73,176	143,0	1,6	Los Santos, Santander
1283	2020/10/21	02:39:22	6,83	-73,184	147,0	2,8	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1284	2020/10/21	03:27:30	6,862	-73,16	148,0	1,5	Los Santos, Santander
1285	2020/10/21	03:43:12	2,819	-74,896	14,0	1,2	San Vicente del Caguán, Caquetá
1286	2020/10/21	03:57:30	5,339	-74,795	19,0	0,9	Victoria, Caldas
1287	2020/10/21	05:12:24	6,781	-73,136	141,0	1,8	Los Santos, Santander
1288	2020/10/21	05:52:22	6,817	-73,146	143,0	1,8	Los Santos, Santander
1289	2020/10/21	06:00:35	4,674	-76,172	89,0	2,2	Argelia, Valle del Cauca
1290	2020/10/21	06:12:57	6,16	-73,759	114,0	1,5	Bolívar, Santander
1291	2020/10/21	06:27:47	6,8	-73,111	146,0	2,0	Los Santos, Santander
1292	2020/10/21	06:36:36	5,18	-74,826	63,0	1,2	Honda, Tolima
1293	2020/10/21	06:56:08	5,956	-73,9	116,0	2,2	Sucre, Santander
1294	2020/10/21	07:13:26	6,726	-73,172	151,0	1,7	Villanueva, Santander
1295	2020/10/21	07:39:51	6,772	-73,175	142,0	1,6	Los Santos, Santander
1296	2020/10/21	07:50:01	6,783	-73,176	134,0	1,7	Los Santos, Santander
1297	2020/10/21	07:55:25	6,784	-73,174	148,0	1,7	Los Santos, Santander
1298	2020/10/21	08:14:06	6,813	-73,13	141,0	1,6	Los Santos, Santander
1299	2020/10/21	08:20:09	6,762	-73,116	142,0	1,9	Los Santos, Santander
1300	2020/10/21	08:40:04	2,42	-75,579	22,0	1,2	Gigante, Huila
1301	2020/10/21	09:04:26	8,108	-73,052	164,0	2,5	Ábrego, Norte de Santander
1302	2020/10/21	09:07:47	4,891	-76,186	105,0	1,4	San José del Palmar, Chocó
1303	2020/10/21	09:18:19	6,721	-73,134	140,0	2,1	Jordán, Santander
1304	2020/10/21	09:50:44	6,828	-73,176	145,0	1,5	Zapatoca, Santander
1305	2020/10/21	10:17:33	3,027	-74,758	23,0	1,8	Uribe, Meta
1306	2020/10/21	11:01:39	4,078	-74,855	33,0	1,3	Guamo, Tolima
1307	2020/10/21	11:04:19	6,513	-73,763	95,0	1,6	Vélez, Santander
1308	2020/10/21	12:17:29	5,411	-73,792	139,0	2,8	Fúquene, Cundinamarca
1309	2020/10/21	13:20:17	6,833	-73,19	148,0	1,9	Zapatoca, Santander
1310	2020/10/21	14:11:26	5,476	-76,522	21,0	1,6	Lloró, Chocó
1311	2020/10/21	14:14:23	3,489	-74,23	6,0	1,1	Mesetas, Meta
1312	2020/10/21	14:18:32	6,797	-73,151	145,0	2,7	Los Santos, Santander
1313	2020/10/21	14:36:39	6,821	-73,13	143,0	1,7	Los Santos, Santander
1314	2020/10/21	14:48:19	6,828	-73,183	149,0	2,0	Zapatoca, Santander
1315	2020/10/21	15:00:14	5,238	-73,812	130,0	1,8	Cucunubá, Cundinamarca
1316	2020/10/21	15:03:50	6,745	-73,111	133,0	2,2	Los Santos, Santander
1317	2020/10/21	15:08:47	6,113	-73,859	105,0	1,5	El Peñón, Santander
1318	2020/10/21	15:19:42	6,862	-73,155	138,0	2,0	Los Santos, Santander
1319	2020/10/21	16:29:04	5,318	-74,911	2,0	0,6	Victoria, Caldas
1320	2020/10/21	17:24:18	6,854	-76,276	16,0	2,2	Dabeiba, Antioquia
1321	2020/10/21	17:24:42	6,859	-72,944	163,0	2,4	Piedecuesta, Santander
1322	2020/10/21	17:39:16	9,605	-73,746	26,0	1,6	El Paso, Cesar
1323	2020/10/21	17:43:15	4,113	-75,007	19,0	0,9	Guamo, Tolima
1324	2020/10/21	17:59:53	10,366	-72,776	81,0	1,6	Venezuela
1325	2020/10/21	18:34:58	5,284	-73,734	136,0	2,5	Lenguazaque, Cundinamarca
1326	2020/10/21	18:41:21	6,81	-73,15	147,0	2,0	Los Santos, Santander
1327	2020/10/21	18:43:09	6,732	-73,154	136,0	1,6	Los Santos, Santander
1328	2020/10/21	19:07:21	6,732	-73,184	138,0	2,1	Villanueva, Santander
1329	2020/10/21	19:37:12	3,481	-74,219	8,0	1,6	Mesetas, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1330	2020/10/21	19:42:02	6,808	-73,168	142,0	3,0	Los Santos, Santander
1331	2020/10/21	21:18:14	5,69	-73,971	98,0	1,7	Pauna, Boyacá
1332	2020/10/21	21:21:50	6,679	-73,156	130,0	2,1	Villanueva, Santander
1333	2020/10/21	21:35:31	2,396	-75,683	14,0	1,1	Paicol, Huila
1334	2020/10/21	22:37:36	3,682	-75,662	19,0	2,4	Chaparral, Tolima
1335	2020/10/21	22:42:30	6,861	-73,132	150,0	1,9	Los Santos, Santander
1336	2020/10/21	23:20:09	7,318	-71,86	1,0	2,2	Venezuela
1337	2020/10/21	23:48:27	2,674	-76,921	72,0	1,5	El Tambo, Cauca
1338	2020/10/22	00:08:02	6,844	-73,155	150,0	2,7	Los Santos, Santander
1339	2020/10/22	00:36:59	4,782	-76,232	102,0	1,9	El Cairo, Valle del Cauca
1340	2020/10/22	00:49:49	5,804	-75,48	2,0	0,6	Abejorral, Antioquia
1341	2020/10/22	01:01:30	7,41	-73,133	136,0	1,7	Rionegro, Santander
1342	2020/10/22	01:04:51	6,841	-73,137	154,0	2,9	Los Santos, Santander
1343	2020/10/22	01:10:31	3,117	-74,367	14,0	1,2	Uribe, Meta
1344	2020/10/22	01:19:11	3,488	-74,216	10,0	2,2	Mesetas, Meta
1345	2020/10/22	01:32:03	3,44	-74,464	22,0	0,6	Uribe, Meta
1346	2020/10/22	01:37:32	2,331	-75,398	16,0	1,3	Gigante, Huila
1347	2020/10/22	01:42:10	4,028	-76,237	107,0	2,2	San Pedro, Valle del Cauca
1348	2020/10/22	01:43:47	6,804	-73,091	149,0	1,6	Los Santos, Santander
1349	2020/10/22	02:29:40	6,75	-73,155	143,0	1,9	Los Santos, Santander
1350	2020/10/22	03:12:09	6,212	-73,803	106,0	1,3	Landázuri, Santander
1351	2020/10/22	03:57:26	2,701	-75,092	29,0	1,5	San Vicente del Caguán, Caquetá
1352	2020/10/22	04:46:02	7,829	-72,097	0,0	1,9	Norte Colombia
1353	2020/10/22	04:50:55	7,894	-76,776	54,0	1,9	Turbo, Antioquia
1354	2020/10/22	05:02:20	6,528	-73,594	112,0	1,6	Simacota, Santander
1355	2020/10/22	06:19:42	6,286	-73,651	110,0	1,6	La Paz, Santander
1356	2020/10/22	07:14:18	6,832	-73,141	142,0	1,9	Los Santos, Santander
1357	2020/10/22	07:26:16	2,198	-75,574	23,0	2,6	Garzón, Huila
1358	2020/10/22	07:27:23	6,764	-73,139	140,0	2,3	Los Santos, Santander
1359	2020/10/22	07:58:09	3,588	-76,286	140,0	1,3	Palmira, Valle del Cauca
1360	2020/10/22	08:15:38	6,749	-73,155	150,0	1,8	Los Santos, Santander
1361	2020/10/22	08:28:07	3,167	-76,262	29,0	1,2	Corinto, Cauca
1362	2020/10/22	08:43:16	3,627	-76,801	44,0	1,4	Dagua, Valle del Cauca
1363	2020/10/22	08:48:18	6,801	-73,075	144,0	1,9	Los Santos, Santander
1364	2020/10/22	09:47:26	11,126	-72,811	32,0	1,5	Riohacha, la Guajira
1365	2020/10/22	10:01:29	11,14	-72,829	33,0	1,4	Riohacha, la Guajira
1366	2020/10/22	10:05:26	5,207	-76,407	83,0	1,8	Rio Iró (Santa Rita), Chocó
1367	2020/10/22	10:10:48	8,893	-74,422	14,0	1,4	Pinillos, Bolívar
1368	2020/10/22	10:12:47	6,774	-73,168	140,0	2,3	Los Santos, Santander
1369	2020/10/22	10:54:27	6,814	-73,195	136,0	2,0	Zapatoca, Santander
1370	2020/10/22	10:59:18	6,76	-73,425	121,0	1,6	San Vicente de Chucurí, Santander
1371	2020/10/22	11:29:59	6,834	-73,086	137,0	2,2	Los Santos, Santander
1372	2020/10/22	13:21:02	4,222	-76,472	73,0	1,0	El Litoral del San Juan (Docordó), Chocó
1373	2020/10/22	13:49:08	6,755	-73,159	147,0	2,0	Los Santos, Santander
1374	2020/10/22	15:11:58	6,845	-73,172	144,0	1,9	Zapatoca, Santander
1375	2020/10/22	15:39:12	6,82	-73,147	151,0	3,9	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1376	2020/10/22	15:46:05	7,752	-75,168	61,0	2,1	Cáceres, Antioquia
1377	2020/10/22	16:45:39	6,456	-74,79	15,0	1,3	Maceo, Antioquia
1378	2020/10/22	17:39:39	6,76	-73,119	151,0	2,1	Los Santos, Santander
1379	2020/10/22	17:54:49	6,996	-73,261	121,0	1,8	Girón, Santander
1380	2020/10/22	17:59:28	7,456	-73,207	140,0	2,1	El Playón, Santander
1381	2020/10/22	18:17:55	6,415	-73,66	111,0	1,7	Santa Helena del Opón, Santander
1382	2020/10/22	18:21:47	5,285	-73,761	149,0	1,6	Cucunubá, Cundinamarca
1383	2020/10/22	19:21:22	6,838	-76,401	4,0	2,3	Frontino, Antioquia
1384	2020/10/22	19:24:16	6,815	-73,136	148,0	1,9	Los Santos, Santander
1385	2020/10/22	19:28:34	5,263	-73,747	133,0	1,8	Cucunubá, Cundinamarca
1386	2020/10/22	19:55:03	4,112	-71,798	0,0	2,0	Puerto Gaitán, Meta
1387	2020/10/22	20:49:35	7,595	-73,927	11,0	1,6	San Pablo, Bolívar
1388	2020/10/22	21:21:53	6,857	-73,107	139,0	1,8	Los Santos, Santander
1389	2020/10/22	22:56:34	6,785	-73,068	149,0	2,0	Los Santos, Santander
1390	2020/10/23	00:11:23	6,907	-73,398	113,0	1,7	San Vicente de Chucurí, Santander
1391	2020/10/23	00:34:09	3,079	-74,504	25,0	0,8	Uribe, Meta
1392	2020/10/23	00:45:30	8,916	-73,804	0,0	2,1	Tamalameque, Cesar
1393	2020/10/23	01:12:08	1,475	-78,663	76,0	2,2	Tumaco, Nariño
1394	2020/10/23	01:53:25	2,487	-75,502	26,0	1,4	Gigante, Huila
1395	2020/10/23	02:07:59	10,762	-74,123	24,0	1,2	Zona Bananera, Magdalena
1396	2020/10/23	02:23:30	6,844	-73,153	151,0	2,4	Los Santos, Santander
1397	2020/10/23	02:34:00	3,435	-74,188	4,0	1,1	Mesetas, Meta
1398	2020/10/23	02:35:15	5,438	-74,694	12,0	0,6	La Dorada, Caldas
1399	2020/10/23	02:45:34	6,786	-73,142	146,0	1,7	Los Santos, Santander
1400	2020/10/23	02:53:32	3,959	-74,022	19,0	1,1	Guamal, Meta
1401	2020/10/23	03:09:37	3,428	-74,698	26,0	1,8	Colombia, Huila
1402	2020/10/23	03:43:25	6,838	-73,962	39,0	1,2	Puerto Parra, Santander
1403	2020/10/23	03:43:56	6,818	-73,174	146,0	1,9	Los Santos, Santander
1404	2020/10/23	04:05:04	3,893	-75,618	16,0	0,8	Chaparral, Tolima
1405	2020/10/23	04:19:16	6,885	-73,404	126,0	1,6	San Vicente de Chucurí, Santander
1406	2020/10/23	04:20:08	3,15	-79,161	21,0	2,2	Océano Pacifico
1407	2020/10/23	04:21:13	6,726	-73,191	167,0	1,7	Villanueva, Santander
1408	2020/10/23	05:12:48	9,969	-73,126	124,0	1,7	Agustín Codazzi, Cesar
1409	2020/10/23	05:27:31	7,451	-77,392	5,0	2,3	Riosucio, Chocó
1410	2020/10/23	05:43:55	0,959	-77,414	16,0	2,4	Funes, Nariño
1411	2020/10/23	05:54:55	5,252	-73,736	137,0	1,9	Cucunubá, Cundinamarca
1412	2020/10/23	06:01:15	6,169	-73,667	116,0	2,7	La Paz, Santander
1413	2020/10/23	06:26:56	8,638	-72,918	144,0	2,2	El Tarra, Norte de Santander
1414	2020/10/23	07:18:28	6,741	-73,137	141,0	2,0	Los Santos, Santander
1415	2020/10/23	07:59:11	5,284	-73,731	146,0	2,4	Lenguazaque, Cundinamarca
1416	2020/10/23	08:05:30	6,612	-73,415	125,0	1,7	El Carmen, Santander
1417	2020/10/23	08:17:02	6,846	-73,085	149,0	1,8	Los Santos, Santander
1418	2020/10/23	08:50:29	7,002	-73,217	136,0	1,8	Girón, Santander
1419	2020/10/23	09:37:25	6,568	-71,567	36,0	1,8	Tame, Arauca
1420	2020/10/23	09:39:36	2,936	-74,778	11,0	1,1	Uribe, Meta
1421	2020/10/23	10:03:30	11,076	-73,669	12,0	1,6	Santa Marta, Magdalena

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1422	2020/10/23	10:17:48	4,432	-77,669	0,0	2,2	Océano Pacífico
1423	2020/10/23	10:51:44	6,792	-73,189	137,0	2,2	Los Santos, Santander
1424	2020/10/23	11:40:21	4,373	-77,764	30,0	2,3	Océano Pacífico
1425	2020/10/23	12:00:00	3,311	-73,999	10,0	1,6	Mesetas, Meta
1426	2020/10/23	12:23:06	4,223	-76,664	87,0	1,3	El Litoral del San Juan (Docordó), Chocó
1427	2020/10/23	12:39:25	6,792	-73,174	143,0	1,8	Los Santos, Santander
1428	2020/10/23	13:15:00	2,025	-75,921	1,0	1,3	Elías, Huila
1429	2020/10/23	13:31:52	6,793	-73,126	159,0	1,8	Los Santos, Santander
1430	2020/10/23	13:35:50	6,334	-73,576	116,0	3,1	Santa Helena del Opón, Santander
1431	2020/10/23	13:42:15	3,42	-74,328	22,0	1,1	Uribe, Meta
1432	2020/10/23	13:45:37	4,02	-71,613	0,0	2,3	Puerto Gaitán, Meta
1433	2020/10/23	13:59:05	5,293	-73,931	124,0	1,6	Carmen de Carupa, Cundinamarca
1434	2020/10/23	15:36:35	5,25	-72,343	13,0	1,9	Yopal, Casanare
1435	2020/10/23	16:18:57	5,068	-73,203	0,0	1,5	Campohermoso, Boyacá
1436	2020/10/23	16:34:15	10,772	-73,207	88,0	2,1	San Juan del Cesar, la Guajira
1437	2020/10/23	17:20:48	6,816	-73,168	145,0	2,7	Los Santos, Santander
1438	2020/10/23	18:02:09	7,596	-76,168	110,0	1,9	Tierralta, Córdoba
1439	2020/10/23	18:57:21	3,85	-75,819	13,0	1,1	Chaparral, Tolima
1440	2020/10/23	20:48:29	6,815	-73,153	145,0	1,8	Los Santos, Santander
1441	2020/10/23	21:40:41	6,793	-73,153	136,0	2,5	Los Santos, Santander
1442	2020/10/23	21:44:17	5,792	-74,807	13,0	1,1	Sonsón, Antioquia
1443	2020/10/23	21:55:34	6,775	-73,184	152,0	2,1	Los Santos, Santander
1444	2020/10/23	23:14:44	3,488	-74,212	5,0	1,5	Mesetas, Meta
1445	2020/10/23	23:32:52	6,333	-73,542	120,0	1,9	Santa Helena del Opón, Santander
1446	2020/10/24	00:07:42	6,774	-73,066	149,0	2,1	Los Santos, Santander
1447	2020/10/24	00:33:54	6,794	-73,085	147,0	1,8	Los Santos, Santander
1448	2020/10/24	00:38:15	6,828	-73,164	158,0	1,7	Los Santos, Santander
1449	2020/10/24	00:58:51	3,92	-71,584	0,0	2,3	Puerto Gaitán, Meta
1450	2020/10/24	01:11:29	6,803	-73,04	150,0	1,8	Los Santos, Santander
1451	2020/10/24	01:31:06	6,805	-73,143	149,0	1,6	Los Santos, Santander
1452	2020/10/24	01:42:38	6,813	-73,137	147,0	1,5	Los Santos, Santander
1453	2020/10/24	01:56:30	6,036	-73,758	110,0	1,4	Bolívar, Santander
1454	2020/10/24	01:59:20	6,812	-73,107	154,0	2,0	Los Santos, Santander
1455	2020/10/24	02:10:08	3,48	-74,232	11,0	1,5	Mesetas, Meta
1456	2020/10/24	02:19:19	6,239	-73,19	155,0	2,0	Charalá, Santander
1457	2020/10/24	03:14:27	11,391	-72,676	78,0	1,4	Riohacha, la Guajira
1458	2020/10/24	03:23:17	6,76	-73,034	152,0	1,7	Aratoca, Santander
1459	2020/10/24	03:33:28	3,855	-76,27	113,0	1,0	Buga, Valle del Cauca
1460	2020/10/24	04:23:30	6,766	-73,113	149,0	1,7	Los Santos, Santander
1461	2020/10/24	04:40:33	4,181	-75,141	26,0	1,2	Valle de San Juan, Tolima
1462	2020/10/24	04:55:25	6,724	-73,107	137,0	2,2	Jordán, Santander
1463	2020/10/24	05:10:16	6,72	-73,158	134,0	1,6	Villanueva, Santander
1464	2020/10/24	05:15:26	9,91	-72,987	3,0	1,4	Becerrill, Cesar
1465	2020/10/24	05:19:24	3,874	-75,693	16,0	1,0	Chaparral, Tolima
1466	2020/10/24	05:32:56	2,018	-75,923	19,0	1,1	Elías, Huila
1467	2020/10/24	05:56:40	7,364	-77,256	21,0	1,7	Riosucio, Chocó

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1468	2020/10/24	06:11:45	2,008	-75,717	28,0	0,9	Guadalupe, Huila
1469	2020/10/24	06:15:10	4,161	-76,364	121,0	1,3	Riofrío, Valle del Cauca
1470	2020/10/24	06:17:18	7,916	-73,304	1,0	1,7	San Alberto, Cesar
1471	2020/10/24	06:40:34	4,053	-71,752	0,0	1,9	Puerto Gaitán, Meta
1472	2020/10/24	07:08:09	8,007	-74,236	32,0	2,2	Santa Rosa del Sur, Bolívar
1473	2020/10/24	08:19:35	6,771	-73,111	142,0	1,9	Los Santos, Santander
1474	2020/10/24	08:26:02	6,093	-73,707	108,0	1,8	Vélez, Santander
1475	2020/10/24	08:33:24	11,06	-73,606	27,0	1,4	Dibulla, la Guajira
1476	2020/10/24	08:50:46	3,15	-76,578	70,0	0,9	Jamundí, Valle del Cauca
1477	2020/10/24	08:54:53	6,775	-73,18	136,0	1,8	Los Santos, Santander
1478	2020/10/24	08:57:31	5,883	-77,428	1,0	2,3	Océano Pacifico
1479	2020/10/24	08:57:37	6,809	-73,141	143,0	2,1	Los Santos, Santander
1480	2020/10/24	09:02:07	6,448	-74,886	5,0	1,1	San Roque, Antioquia
1481	2020/10/24	09:02:29	6,792	-73,18	140,0	2,1	Los Santos, Santander
1482	2020/10/24	09:07:16	3,467	-74,198	4,0	0,9	Mesetas, Meta
1483	2020/10/24	09:23:31	6,809	-73,176	141,0	2,3	Los Santos, Santander
1484	2020/10/24	09:32:18	6,821	-73,159	142,0	2,1	Los Santos, Santander
1485	2020/10/24	09:35:41	6,816	-74,11	3,0	0,9	Yondó (Casabe), Antioquia
1486	2020/10/24	09:48:21	6,694	-73,617	108,0	1,4	El Carmen, Santander
1487	2020/10/24	10:00:13	2,487	-75,498	23,0	1,4	Hobo, Huila
1488	2020/10/24	10:18:48	6,821	-73,189	143,0	2,2	Zapatoca, Santander
1489	2020/10/24	10:25:57	6,773	-73,232	149,0	1,4	Zapatoca, Santander
1490	2020/10/24	10:32:11	2,38	-75,601	22,0	1,1	Gigante, Huila
1491	2020/10/24	10:32:26	8,745	-73,079	136,0	2,1	El Tarra, Norte de Santander
1492	2020/10/24	10:39:03	5,288	-73,776	142,0	1,5	Cucunubá, Cundinamarca
1493	2020/10/24	13:09:06	2,915	-77,663	25,0	1,9	Timbiquí, Cauca
1494	2020/10/24	13:36:28	6,787	-76,186	0,0	1,5	Frontino, Antioquia
1495	2020/10/24	13:49:02	6,797	-76,228	0,0	1,7	Frontino, Antioquia
1496	2020/10/24	14:11:15	2,45	-75,514	4,0	1,3	Gigante, Huila
1497	2020/10/24	14:16:37	6,926	-76,197	85,0	1,6	Uramita, Antioquia
1498	2020/10/24	14:41:20	6,805	-76,262	0,0	1,6	Frontino, Antioquia
1499	2020/10/24	14:51:21	6,932	-76,214	0,0	1,8	Uramita, Antioquia
1500	2020/10/24	15:01:23	6,867	-73,357	127,0	1,7	San Vicente de Chucurí, Santander
1501	2020/10/24	15:07:01	6,556	-73,719	113,0	1,6	Simacota, Santander
1502	2020/10/24	15:18:50	3,402	-74,143	8,0	1,3	Mesetas, Meta
1503	2020/10/24	15:29:40	3,418	-74,169	5,0	1,2	Mesetas, Meta
1504	2020/10/24	15:33:42	3,382	-74,144	11,0	1,2	Mesetas, Meta
1505	2020/10/24	16:03:58	6,802	-73,17	148,0	1,7	Los Santos, Santander
1506	2020/10/24	16:05:54	5,914	-74,633	2,0	1,2	Puerto Triunfo, Antioquia
1507	2020/10/24	16:26:42	6,769	-73,021	142,0	2,0	Aratocha, Santander
1508	2020/10/24	16:26:45	5,725	-74,419	70,0	1,4	Yacopí, Cundinamarca
1509	2020/10/24	16:52:18	6,58	-73,544	110,0	2,2	El Carmen, Santander
1510	2020/10/24	17:15:46	6,804	-73,163	143,0	1,8	Los Santos, Santander
1511	2020/10/24	17:29:51	3,514	-74,225	29,0	1,2	Mesetas, Meta
1512	2020/10/24	17:49:16	6,877	-73,34	123,0	2,2	San Vicente de Chucurí, Santander
1513	2020/10/24	17:57:47	2,188	-75,616	11,0	1,4	Garzón, Huila

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1514	2020/10/24	18:19:09	6,827	-73,111	150,0	2,1	Los Santos, Santander
1515	2020/10/24	18:20:00	5,161	-73,013	2,0	2,2	Páez, Boyacá
1516	2020/10/24	18:35:25	6,822	-73,147	144,0	2,2	Los Santos, Santander
1517	2020/10/24	18:52:06	6,831	-73,148	141,0	2,5	Los Santos, Santander
1518	2020/10/24	19:33:11	5,011	-74,652	15,0	1,1	Guaduas, Cundinamarca
1519	2020/10/24	19:43:05	6,779	-73,167	142,0	2,3	Los Santos, Santander
1520	2020/10/24	19:53:19	6,809	-73,078	147,0	2,0	Los Santos, Santander
1521	2020/10/24	20:09:37	6,785	-73,215	143,0	1,8	Zapatoca, Santander
1522	2020/10/24	20:29:39	3,845	-78,211	0,0	2,0	Océano Pacífico
1523	2020/10/24	22:21:42	6,734	-73,12	146,0	2,0	Los Santos, Santander
1524	2020/10/24	22:28:13	6,821	-73,205	142,0	1,9	Zapatoca, Santander
1525	2020/10/24	22:55:23	10,173	-73,287	111,0	1,8	San Diego, Cesar
1526	2020/10/24	23:17:26	6,823	-73,068	139,0	1,9	Los Santos, Santander
1527	2020/10/24	23:30:48	6,857	-71,596	7,0	2,6	Araucuita, Arauca
1528	2020/10/24	23:54:07	6,79	-73,144	149,0	1,9	Los Santos, Santander
1529	2020/10/25	00:00:32	3,256	-74,511	27,0	1,3	Uribe, Meta
1530	2020/10/25	00:23:53	5,411	-76,028	71,0	1,2	Mistrató, Risaralda
1531	2020/10/25	00:27:15	3,531	-75,72	29,0	1,7	Rioblanco, Tolima
1532	2020/10/25	00:35:01	3,557	-77,515	0,0	1,8	Océano Pacífico
1533	2020/10/25	00:41:59	6,789	-73,166	150,0	1,9	Los Santos, Santander
1534	2020/10/25	01:02:05	6,804	-73,178	159,0	1,6	Los Santos, Santander
1535	2020/10/25	01:15:18	3,434	-74,84	23,0	1,4	Alpujarra, Tolima
1536	2020/10/25	01:26:21	4,574	-74,701	35,0	1,5	Jerusalén, Cundinamarca
1537	2020/10/25	01:50:27	8,964	-73,938	86,0	1,9	El Peñón, Bolívar
1538	2020/10/25	02:07:11	4,622	-74,668	21,0	0,6	Jerusalén, Cundinamarca
1539	2020/10/25	02:31:14	6,894	-73,401	121,0	1,3	San Vicente de Chucurí, Santander
1540	2020/10/25	02:40:13	3,249	-76,374	128,0	1,3	Puerto Tejada, Cauca
1541	2020/10/25	02:51:00	6,762	-73,108	149,0	1,6	Los Santos, Santander
1542	2020/10/25	03:08:38	4,198	-76,33	138,0	1,7	Trujillo, Valle del Cauca
1543	2020/10/25	03:18:04	6,41	-74,836	19,0	1,1	San Roque, Antioquia
1544	2020/10/25	03:32:06	6,799	-73,168	148,0	2,9	Los Santos, Santander
1545	2020/10/25	03:38:05	8,403	-76,088	78,0	1,7	Montería, Córdoba
1546	2020/10/25	03:46:15	6,696	-77,087	32,0	1,9	Bojayá (Bellavista), Chocó
1547	2020/10/25	03:58:44	6,746	-73,18	141,0	1,4	Villanueva, Santander
1548	2020/10/25	04:07:49	2,252	-75,48	40,0	1,1	Garzón, Huila
1549	2020/10/25	04:19:50	6,777	-73,18	149,0	1,8	Los Santos, Santander
1550	2020/10/25	04:47:17	1,76	-77,312	25,0	1,4	El Rosario, Nariño
1551	2020/10/25	05:03:48	3,333	-74,372	60,0	1,1	Uribe, Meta
1552	2020/10/25	05:39:30	5,828	-74,291	76,0	1,2	Puerto Boyacá, Boyacá
1553	2020/10/25	05:52:44	6,823	-73,165	142,0	1,6	Los Santos, Santander
1554	2020/10/25	05:56:45	6,819	-73,171	145,0	1,7	Los Santos, Santander
1555	2020/10/25	06:00:12	6,833	-73,177	147,0	2,9	Zapatoca, Santander
1556	2020/10/25	06:13:46	6,834	-73,227	148,0	3,7	Zapatoca, Santander
1557	2020/10/25	06:15:41	6,801	-73,194	146,0	3,2	Zapatoca, Santander
1558	2020/10/25	06:21:14	6,826	-73,152	145,0	1,7	Los Santos, Santander
1559	2020/10/25	06:46:08	2,258	-78,113	20,0	1,3	El Charco, Nariño

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1560	2020/10/25	06:53:14	9,519	-73,494	32,0	1,5	La Jagua de Ibirico, Cesar
1561	2020/10/25	06:55:55	6,81	-73,213	147,0	3,0	Zapatoca, Santander
1562	2020/10/25	07:31:44	4,977	-75,939	15,0	1,0	Balboa, Risaralda
1563	2020/10/25	07:44:19	6,834	-73,236	137,0	1,8	Zapatoca, Santander
1564	2020/10/25	07:45:07	2,498	-76,615	140,0	1,3	Popayán, Cauca
1565	2020/10/25	08:07:35	6,893	-76,096	0,0	1,5	Cañasgordas, Antioquia
1566	2020/10/25	08:25:21	6,792	-73,206	144,0	2,2	Zapatoca, Santander
1567	2020/10/25	08:32:42	4,061	-76,371	126,0	2,0	Riofrío, Valle del Cauca
1568	2020/10/25	08:49:45	3,959	-76,095	61,0	1,0	Tuluá, Valle del Cauca
1569	2020/10/25	08:55:39	6,959	-73,211	136,0	1,6	Girón, Santander
1570	2020/10/25	09:18:12	4,723	-74,811	14,0	1,2	Beltrán, Cundinamarca
1571	2020/10/25	09:20:58	5,474	-72,813	16,0	1,8	Aquitania, Boyacá
1572	2020/10/25	09:24:54	3,796	-76,126	146,0	1,3	Ginebra, Valle del Cauca
1573	2020/10/25	09:53:55	6,769	-73,538	111,0	1,5	El Carmen, Santander
1574	2020/10/25	10:02:27	6,582	-73,59	108,0	1,7	El Carmen, Santander
1575	2020/10/25	10:25:55	6,413	-73,709	109,0	1,5	Landázuri, Santander
1576	2020/10/25	10:28:51	5,874	-73,74	122,0	1,6	Puente Nacional, Santander
1577	2020/10/25	10:29:27	5,421	-72,817	0,0	1,9	Aquitania, Boyacá
1578	2020/10/25	10:39:12	7,822	-78,022	104,0	1,8	Panama
1579	2020/10/25	10:44:29	4,39	-76,117	16,0	1,0	Zarzal, Valle del Cauca
1580	2020/10/25	10:57:24	6,783	-73,172	145,0	1,7	Los Santos, Santander
1581	2020/10/25	11:17:53	6,766	-73,196	144,0	1,8	Los Santos, Santander
1582	2020/10/25	11:19:39	3,417	-74,301	19,0	1,4	Uribe, Meta
1583	2020/10/25	11:53:35	3,189	-78,858	28,0	2,7	Océano Pacífico
1584	2020/10/25	12:08:56	4,771	-74,774	25,0	1,7	Ambalema, Tolima
1585	2020/10/25	12:35:57	3,442	-74,196	8,0	1,8	Mesetas, Meta
1586	2020/10/25	12:40:58	7,263	-73,49	80,0	1,8	Sabana de Torres, Santander
1587	2020/10/25	12:47:56	8,045	-73,085	149,0	1,9	Ábrego, Norte de Santander
1588	2020/10/25	14:29:16	4,318	-75,281	21,0	1,1	Rovira, Tolima
1589	2020/10/25	14:36:44	3,476	-74,213	4,0	1,4	Mesetas, Meta
1590	2020/10/25	14:51:17	6,536	-74,13	25,0	1,9	Cimitarra, Santander
1591	2020/10/25	15:00:51	6,816	-73,162	141,0	2,7	Los Santos, Santander
1592	2020/10/25	16:30:36	3,567	-74,228	13,0	1,4	Mesetas, Meta
1593	2020/10/25	16:38:29	7,218	-75,685	35,0	2,3	Ituango, Antioquia
1594	2020/10/25	17:30:10	4,411	-75,8	19,0	1,1	La Tebaida, Quindío
1595	2020/10/25	18:24:10	6,834	-73,167	148,0	3,2	Los Santos, Santander
1596	2020/10/25	18:37:38	5,648	-73,478	13,0	3,5	Chíquiza, Boyacá
1597	2020/10/25	19:34:43	5,641	-73,456	16,0	1,5	Chíquiza, Boyacá
1598	2020/10/25	20:30:33	7,546	-73,147	159,0	1,9	El Playón, Santander
1599	2020/10/25	20:44:35	6,794	-73,152	137,0	2,1	Los Santos, Santander
1600	2020/10/25	21:41:38	3,51	-74,201	13,0	1,7	Mesetas, Meta
1601	2020/10/25	21:50:34	3,935	-71,581	0,0	2,1	Puerto Gaitán, Meta
1602	2020/10/25	22:10:09	3,926	-71,587	0,0	2,2	Puerto Gaitán, Meta
1603	2020/10/25	22:43:47	6,971	-72,914	185,0	2,0	Santa Bárbara, Santander
1604	2020/10/25	22:53:38	6,789	-73,121	146,0	1,9	Los Santos, Santander
1605	2020/10/26	00:12:37	6,677	-73,167	134,0	1,8	Villanueva, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1606	2020/10/26	00:30:47	7,454	-77,461	6,0	2,0	Riosucio, Chocó
1607	2020/10/26	01:09:22	4,184	-76,228	125,0	1,4	Andalucía, Valle del Cauca
1608	2020/10/26	01:11:46	5,723	-73,906	114,0	1,6	Briceño, Boyacá
1609	2020/10/26	01:27:16	6,745	-73,146	144,0	2,0	Los Santos, Santander
1610	2020/10/26	01:28:40	6,824	-73,109	147,0	1,8	Los Santos, Santander
1611	2020/10/26	01:34:32	6,199	-76,128	24,0	2,8	Urrao, Antioquia
1612	2020/10/26	01:38:25	6,714	-73,017	0,0	1,5	Aratoca, Santander
1613	2020/10/26	02:11:46	6,809	-73,171	142,0	1,8	Los Santos, Santander
1614	2020/10/26	02:13:17	3,926	-71,6	0,0	2,7	Puerto Gaitán, Meta
1615	2020/10/26	02:22:57	6,834	-73,133	149,0	2,6	Los Santos, Santander
1616	2020/10/26	02:36:08	6,764	-73,088	148,0	1,7	Los Santos, Santander
1617	2020/10/26	03:02:12	6,814	-73,174	145,0	1,7	Los Santos, Santander
1618	2020/10/26	03:27:16	4,791	-76,257	108,0	1,6	El Cairo, Valle del Cauca
1619	2020/10/26	03:28:39	3,842	-76,407	107,0	1,5	Yotoco, Valle del Cauca
1620	2020/10/26	03:30:58	6,841	-73,147	152,0	2,8	Los Santos, Santander
1621	2020/10/26	04:02:06	4,669	-74,867	10,0	0,9	Venadillo, Tolima
1622	2020/10/26	04:14:12	11,954	-72,823	34,0	2,2	Mar Caribe
1623	2020/10/26	04:19:08	6,788	-73,138	143,0	2,2	Los Santos, Santander
1624	2020/10/26	04:28:08	6,844	-73,233	149,0	1,6	Zapatoca, Santander
1625	2020/10/26	04:37:08	4,818	-76,234	91,0	2,4	San José del Palmar, Chocó
1626	2020/10/26	04:44:33	6,745	-73,171	138,0	1,8	Los Santos, Santander
1627	2020/10/26	04:57:18	6,804	-73,165	141,0	1,7	Los Santos, Santander
1628	2020/10/26	05:46:18	4,028	-71,658	0,0	2,2	Puerto Gaitán, Meta
1629	2020/10/26	05:48:50	6,808	-73,084	139,0	1,6	Los Santos, Santander
1630	2020/10/26	06:04:03	3,624	-76,4	134,0	2,4	Palmira, Valle del Cauca
1631	2020/10/26	06:26:28	2,081	-75,665	21,0	0,9	Garzón, Huila
1632	2020/10/26	06:28:40	6,777	-73,177	145,0	1,6	Los Santos, Santander
1633	2020/10/26	06:51:44	6,085	-73,694	118,0	2,0	Vélez, Santander
1634	2020/10/26	06:57:53	7,568	-77,388	25,0	1,7	Riosucio, Chocó
1635	2020/10/26	07:05:14	8,691	-73,649	89,0	1,6	Pelaya, Cesar
1636	2020/10/26	07:23:58	10,711	-72,7	96,0	1,7	Venezuela
1637	2020/10/26	07:32:15	6,791	-73,151	139,0	2,3	Los Santos, Santander
1638	2020/10/26	08:02:57	6,779	-73,099	139,0	1,7	Los Santos, Santander
1639	2020/10/26	08:03:58	7,612	-73,184	147,0	1,9	El Playón, Santander
1640	2020/10/26	08:24:34	6,178	-73,718	112,0	2,1	Vélez, Santander
1641	2020/10/26	08:39:16	6,817	-73,143	147,0	1,7	Los Santos, Santander
1642	2020/10/26	08:45:44	8,306	-74,286	22,0	1,8	Rioviejo, Bolívar
1643	2020/10/26	09:00:39	6,847	-73,158	147,0	1,7	Los Santos, Santander
1644	2020/10/26	09:03:56	6,817	-73,423	127,0	1,3	San Vicente de Chucurí, Santander
1645	2020/10/26	09:20:16	3,6	-74,419	20,0	1,3	Uribe, Meta
1646	2020/10/26	09:25:01	3,673	-76,892	41,0	0,9	Buenaventura, Valle del Cauca
1647	2020/10/26	09:28:02	6,775	-73,163	134,0	1,6	Los Santos, Santander
1648	2020/10/26	09:37:52	5,265	-73,729	139,0	1,9	Lenguazaque, Cundinamarca
1649	2020/10/26	10:07:49	6,844	-73,184	147,0	1,5	Zapatoca, Santander
1650	2020/10/26	10:10:44	6,803	-73,163	141,0	1,8	Los Santos, Santander
1651	2020/10/26	10:11:55	6,558	-73,536	116,0	2,1	El Carmen, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1652	2020/10/26	10:17:45	0,741	-77,897	8,0	3,1	Área de influencia Complejo volcánico Chiles, Cerro Negro
1653	2020/10/26	10:27:04	6,846	-73,202	148,0	1,5	Zapatoca, Santander
1654	2020/10/26	10:50:50	3,464	-74,19	10,0	1,3	Mesetas, Meta
1655	2020/10/26	10:55:56	0,702	-77,853	10,0	2,1	Colombia-Ecuador
1656	2020/10/26	10:58:11	0,731	-77,909	9,0	3,4	Área de influencia Complejo volcánico Chiles, Cerro Negro
1657	2020/10/26	11:02:31	3,515	-74,837	11,0	0,9	Dolores, Tolima
1658	2020/10/26	11:29:33	6,86	-73,198	144,0	1,6	Zapatoca, Santander
1659	2020/10/26	11:42:58	6,776	-73,123	142,0	2,3	Los Santos, Santander
1660	2020/10/26	11:59:04	3,416	-74,148	0,0	0,9	Mesetas, Meta
1661	2020/10/26	12:07:42	6,576	-73,766	97,0	1,5	Simacota, Santander
1662	2020/10/26	12:17:16	2,57	-75,375	35,0	1,7	Campoalegre, Huila
1663	2020/10/26	13:02:26	7,826	-76,601	21,0	2,3	Apartadó, Antioquia
1664	2020/10/26	13:25:19	4,804	-74,731	15,0	1,0	Beltrán, Cundinamarca
1665	2020/10/26	13:30:54	4,006	-75,946	150,0	1,9	Tuluá, Valle del Cauca
1666	2020/10/26	13:31:16	4,058	-71,695	0,0	1,7	Puerto Gaitán, Meta
1667	2020/10/26	13:33:21	4,092	-71,772	0,0	2,0	Puerto Gaitán, Meta
1668	2020/10/26	14:49:10	2,78	-75,767	9,0	1,0	Íquira, Huila
1669	2020/10/26	15:36:45	6,673	-73,171	129,0	2,0	Villanueva, Santander
1670	2020/10/26	15:44:33	6,703	-73,158	137,0	2,1	Villanueva, Santander
1671	2020/10/26	16:08:19	6,58	-73,527	117,0	2,1	El Carmen, Santander
1672	2020/10/26	16:13:10	6,753	-73,125	140,0	2,3	Los Santos, Santander
1673	2020/10/26	16:38:39	6,793	-73,157	143,0	2,7	Los Santos, Santander
1674	2020/10/26	16:42:52	6,821	-73,184	146,0	1,8	Zapatoca, Santander
1675	2020/10/26	17:08:28	2,99	-74,714	17,0	1,0	Uribe, Meta
1676	2020/10/26	17:17:02	3,947	-73,644	25,0	1,5	Acacías, Meta
1677	2020/10/26	17:19:01	3,422	-74,51	34,0	1,2	Uribe, Meta
1678	2020/10/26	17:24:16	6,737	-73,15	138,0	2,3	Los Santos, Santander
1679	2020/10/26	18:42:16	6,705	-73,165	134,0	2,0	Villanueva, Santander
1680	2020/10/26	18:56:39	4,46	-75,844	129,0	1,4	Montenegro, Quindío
1681	2020/10/26	18:57:18	5,817	-74,296	75,0	1,8	Puerto Boyacá, Boyacá
1682	2020/10/26	18:59:35	6,921	-73,368	122,0	1,6	San Vicente de Chucurí, Santander
1683	2020/10/26	20:01:26	5,912	-74,872	0,0	0,8	San Francisco, Antioquia
1684	2020/10/26	20:43:25	7,108	-73,051	122,0	1,8	Floridablanca, Santander
1685	2020/10/26	21:00:52	6,054	-74,481	65,0	0,8	Puerto Boyacá, Boyacá
1686	2020/10/26	21:30:29	6,682	-73,193	134,0	2,1	Barichara, Santander
1687	2020/10/26	21:46:25	3,415	-74,186	0,0	1,3	Mesetas, Meta
1688	2020/10/26	22:06:39	7,252	-75,637	13,0	1,5	Ituango, Antioquia
1689	2020/10/26	22:25:32	6,094	-73,711	113,0	1,8	Vélez, Santander
1690	2020/10/26	23:31:08	5,909	-73,746	102,0	1,7	Guavatá, Santander
1691	2020/10/26	23:41:59	5,11	-73,21	16,0	1,8	Miraflores, Boyacá
1692	2020/10/27	00:30:13	3,04	-74,766	27,0	1,3	Uribe, Meta
1693	2020/10/27	00:36:04	6,633	-73,298	115,0	1,6	Galán, Santander
1694	2020/10/27	00:57:48	6,803	-73,245	146,0	2,6	Zapatoca, Santander
1695	2020/10/27	01:34:53	4,601	-74,798	30,0	0,8	Beltrán, Cundinamarca
1696	2020/10/27	01:45:18	6,749	-73,21	140,0	1,9	Villanueva, Santander
1697	2020/10/27	01:52:17	5,992	-74,269	28,0	1,3	Puerto Boyacá, Boyacá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1698	2020/10/27	02:12:10	6,106	-76,597	68,0	1,8	Medio Atrato (Beté), Chocó
1699	2020/10/27	02:19:05	8,493	-73,328	121,0	1,6	Convención, Norte de Santander
1700	2020/10/27	02:24:10	5,956	-73,229	155,0	1,8	Gámbita, Santander
1701	2020/10/27	02:33:40	6,977	-73,102	143,0	1,8	Piedecuesta, Santander
1702	2020/10/27	02:37:00	7,502	-73,188	131,0	2,6	El Playón, Santander
1703	2020/10/27	02:55:55	6,908	-73,627	123,0	1,5	San Vicente de Chucurí, Santander
1704	2020/10/27	03:03:05	7,012	-73,077	108,0	1,5	Piedecuesta, Santander
1705	2020/10/27	03:23:20	5,728	-74,296	79,0	1,0	Otanche, Boyacá
1706	2020/10/27	03:33:28	5,007	-76,302	70,0	2,0	San José del Palmar, Chocó
1707	2020/10/27	04:21:49	5,281	-73,719	142,0	2,4	Lenguazaque, Cundinamarca
1708	2020/10/27	05:22:12	6,766	-73,06	142,0	2,1	Los Santos, Santander
1709	2020/10/27	05:40:01	6,814	-76,166	0,0	1,5	Frontino, Antioquia
1710	2020/10/27	06:33:37	6,244	-74,378	10,0	1,5	Cimitarra, Santander
1711	2020/10/27	06:46:57	5,256	-73,766	149,0	1,8	Cucunubá, Cundinamarca
1712	2020/10/27	07:29:46	5,551	-73,829	124,0	1,7	Simijaca, Cundinamarca
1713	2020/10/27	07:33:06	4,858	-76,52	70,0	2,2	Nóvita, Chocó
1714	2020/10/27	09:06:09	10,176	-73,032	128,0	2,0	La Paz, Cesar
1715	2020/10/27	09:17:36	7,43	-75,195	32,0	1,8	Cáceres, Antioquia
1716	2020/10/27	09:30:51	3,729	-76,727	71,0	1,2	Dagua, Valle del Cauca
1717	2020/10/27	09:58:08	5,684	-72,661	17,0	1,9	Mongua, Boyacá
1718	2020/10/27	10:09:37	3,373	-74,267	1,0	1,2	Mesetas, Meta
1719	2020/10/27	10:32:28	6,741	-73,064	139,0	2,0	Aratoca, Santander
1720	2020/10/27	12:20:50	6,836	-76,096	0,0	1,7	Cañasgordas, Antioquia
1721	2020/10/27	12:27:24	6,808	-73,096	145,0	1,8	Los Santos, Santander
1722	2020/10/27	13:32:36	3,474	-74,215	9,0	1,6	Mesetas, Meta
1723	2020/10/27	13:37:43	6,42	-73,756	108,0	1,5	Landázuri, Santander
1724	2020/10/27	14:42:26	6,334	-73,546	118,0	2,0	Santa Helena del Opón, Santander
1725	2020/10/27	15:34:02	6,703	-73,154	139,0	2,0	Villanueva, Santander
1726	2020/10/27	15:43:57	7,226	-78,371	10,0	4,3	Panama
1727	2020/10/27	16:07:15	6,818	-73,145	143,0	2,5	Los Santos, Santander
1728	2020/10/27	16:41:41	3,535	-74,524	22,0	1,6	Uribe, Meta
1729	2020/10/27	17:25:14	5,913	-74,871	0,0	1,0	San Francisco, Antioquia
1730	2020/10/27	17:29:51	5,822	-72,999	0,0	1,2	Duitama, Boyacá
1731	2020/10/27	17:38:25	5,708	-73,688	128,0	1,6	Saboyá, Boyacá
1732	2020/10/27	17:47:47	6,749	-73,195	142,0	1,9	Villanueva, Santander
1733	2020/10/27	17:49:24	1,886	-75,984	0,0	1,7	Pitalito, Huila
1734	2020/10/27	19:01:35	3,448	-74,205	4,0	1,2	Mesetas, Meta
1735	2020/10/27	19:55:06	7,462	-73,161	132,0	3,0	El Playón, Santander
1736	2020/10/27	21:04:40	6,843	-73,084	140,0	1,5	Los Santos, Santander
1737	2020/10/27	21:08:29	11,044	-73,64	31,0	1,6	Santa Marta, Magdalena
1738	2020/10/27	21:56:22	6,834	-73,143	149,0	1,8	Los Santos, Santander
1739	2020/10/27	22:09:51	5,811	-76,762	38,0	1,6	Quibdó, Chocó
1740	2020/10/27	22:32:20	7,201	-75,417	16,0	2,5	Valdivia, Antioquia
1741	2020/10/27	23:01:08	5,549	-74,983	81,0	0,8	Samaná, Caldas
1742	2020/10/27	23:01:22	6,775	-73,107	138,0	2,1	Los Santos, Santander
1743	2020/10/27	23:24:17	6,801	-73,194	154,0	1,6	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1744	2020/10/28	00:13:56	10,843	-72,706	37,0	1,7	Fonseca, la Guajira
1745	2020/10/28	00:30:47	6,53	-73,626	108,0	1,6	Simacota, Santander
1746	2020/10/28	00:31:26	6,824	-73,132	143,0	2,4	Los Santos, Santander
1747	2020/10/28	00:39:24	7,741	-73,549	96,0	1,5	San Alberto, Cesar
1748	2020/10/28	01:35:58	3,435	-76,417	125,0	1,3	Candelaria, Valle del Cauca
1749	2020/10/28	02:05:47	4,526	-76,137	16,0	1,2	La Unión, Valle del Cauca
1750	2020/10/28	02:05:57	6,287	-72,135	23,0	1,6	Tame, Arauca
1751	2020/10/28	02:12:34	6,511	-73,615	111,0	1,6	Santa Helena del Opón, Santander
1752	2020/10/28	02:59:10	6,633	-73,298	115,0	1,6	Galán, Santander
1753	2020/10/28	03:20:53	6,48	-73,751	115,0	1,3	Vélez, Santander
1754	2020/10/28	03:51:52	6,752	-73,537	109,0	1,4	El Carmen, Santander
1755	2020/10/28	03:56:48	8,34	-73,636	97,0	1,5	Aguachica, Cesar
1756	2020/10/28	04:01:20	6,838	-73,158	149,0	1,7	Los Santos, Santander
1757	2020/10/28	04:03:06	6,818	-73,163	149,0	1,7	Los Santos, Santander
1758	2020/10/28	04:06:09	6,853	-73,165	150,0	1,6	Los Santos, Santander
1759	2020/10/28	04:08:08	6,787	-73,182	142,0	1,6	Los Santos, Santander
1760	2020/10/28	04:08:36	3,509	-74,214	11,0	1,8	Mesetas, Meta
1761	2020/10/28	04:18:40	6,754	-73,171	132,0	1,7	Los Santos, Santander
1762	2020/10/28	04:47:42	4,146	-76,394	69,0	1,1	Riofrío, Valle del Cauca
1763	2020/10/28	04:56:28	6,807	-73,142	146,0	1,7	Los Santos, Santander
1764	2020/10/28	05:08:43	6,151	-72,999	14,0	2,4	Coromoro, Santander
1765	2020/10/28	05:28:26	6,797	-73,175	142,0	1,5	Los Santos, Santander
1766	2020/10/28	05:49:50	6,802	-73,184	149,0	1,7	Los Santos, Santander
1767	2020/10/28	06:11:50	8,112	-75,542	20,0	1,6	Buenavista, Córdoba
1768	2020/10/28	06:13:02	6,174	-73,33	129,0	1,7	Oiba, Santander
1769	2020/10/28	06:25:48	7,074	-75,442	16,0	1,9	Yarumal, Antioquia
1770	2020/10/28	06:31:28	7,158	-75,421	57,0	1,4	Valdivia, Antioquia
1771	2020/10/28	06:50:45	6,826	-73,472	114,0	1,7	San Vicente de Chucurí, Santander
1772	2020/10/28	06:52:01	6,788	-73,191	147,0	1,7	Los Santos, Santander
1773	2020/10/28	06:55:51	7,002	-72,296	22,0	1,7	Chitagá, Norte de Santander
1774	2020/10/28	07:01:43	4,384	-75,14	33,0	0,9	Ibagué, Tolima
1775	2020/10/28	07:40:41	9,208	-73,778	95,0	1,7	Chimichagua, Cesar
1776	2020/10/28	07:57:18	1,046	-77,929	18,0	1,6	Cumbal, Nariño
1777	2020/10/28	08:04:18	5,302	-73,718	139,0	1,8	Lenguazaque, Cundinamarca
1778	2020/10/28	08:11:16	2,534	-75,717	23,0	1,2	Tesalia, Huila
1779	2020/10/28	08:15:02	6,787	-73,107	145,0	1,9	Los Santos, Santander
1780	2020/10/28	08:27:32	7,316	-75,154	39,0	2,2	Anorí, Antioquia
1781	2020/10/28	08:29:27	6,828	-73,181	149,0	1,8	Zapatoca, Santander
1782	2020/10/28	08:42:33	6,988	-73,091	153,0	1,6	Piedecuesta, Santander
1783	2020/10/28	09:16:24	6,62	-73,173	137,0	2,2	Barichara, Santander
1784	2020/10/28	09:35:19	2,233	-76,1	18,0	0,7	La Plata, Huila
1785	2020/10/28	09:40:29	3,72	-75,888	10,0	1,0	Rioblanco, Tolima
1786	2020/10/28	09:41:44	4,107	-75,006	20,0	3,0	Guamo, Tolima
1787	2020/10/28	09:55:56	6,771	-73,116	139,0	2,3	Los Santos, Santander
1788	2020/10/28	10:03:29	11,501	-74,225	22,0	2,5	Mar Caribe
1789	2020/10/28	10:08:44	4,08	-71,799	0,0	1,9	Puerto Gaitán, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1790	2020/10/28	10:21:13	9,215	-75,991	70,0	2,2	Lorica, Córdoba
1791	2020/10/28	10:34:54	3,517	-77,319	50,0	1,9	Buenaventura, Valle del Cauca
1792	2020/10/28	10:35:44	5,313	-73,783	148,0	3,9	Ubaté, Cundinamarca
1793	2020/10/28	10:48:16	6,718	-73,171	154,0	1,6	Villanueva, Santander
1794	2020/10/28	11:05:46	5,252	-74,575	30,0	1,5	Caparrapí, Cundinamarca
1795	2020/10/28	11:14:10	5,279	-74,596	23,0	1,0	Caparrapí, Cundinamarca
1796	2020/10/28	11:54:41	6,278	-73,602	115,0	1,2	El Guacamayo, Santander
1797	2020/10/28	13:33:22	6,813	-73,17	146,0	1,7	Los Santos, Santander
1798	2020/10/28	13:43:14	6,772	-73,186	150,0	1,9	Los Santos, Santander
1799	2020/10/28	15:32:23	6,804	-73,164	143,0	1,8	Los Santos, Santander
1800	2020/10/28	15:47:31	7,06	-73,17	119,0	1,5	Girón, Santander
1801	2020/10/28	16:39:36	4,763	-76,168	89,0	2,0	El Cairo, Valle del Cauca
1802	2020/10/28	16:50:21	6,711	-73,141	132,0	2,0	Jordán, Santander
1803	2020/10/28	17:03:17	6,22	-73,79	103,0	1,7	Landázuri, Santander
1804	2020/10/28	17:15:11	6,686	-73,193	134,0	1,9	Barichara, Santander
1805	2020/10/28	17:31:37	6,863	-73,143	140,0	1,6	Los Santos, Santander
1806	2020/10/28	18:36:04	6,784	-73,16	152,0	1,5	Los Santos, Santander
1807	2020/10/28	18:54:53	6,905	-73,183	148,0	1,7	Girón, Santander
1808	2020/10/28	19:26:16	6,764	-73,184	146,0	1,9	Los Santos, Santander
1809	2020/10/28	19:32:04	3,618	-74,187	93,0	1,4	Lejanías, Meta
1810	2020/10/28	19:37:55	6,783	-73,178	145,0	1,7	Los Santos, Santander
1811	2020/10/28	20:09:48	2,585	-75,647	28,0	1,3	Tesalia, Huila
1812	2020/10/28	21:00:17	6,536	-75,772	1,0	1,1	Sopetrán, Antioquia
1813	2020/10/28	21:21:39	3,508	-76,947	49,0	1,4	Buenaventura, Valle del Cauca
1814	2020/10/28	21:57:41	4,816	-76,747	16,0	1,6	Nóvita, Chocó
1815	2020/10/28	23:19:27	5,135	-73,001	11,0	1,9	Páez, Boyacá
1816	2020/10/29	00:46:10	6,793	-73,17	147,0	3,7	Los Santos, Santander
1817	2020/10/29	00:52:42	7,084	-74,366	66,0	1,2	Remedios, Antioquia
1818	2020/10/29	00:56:36	6,745	-73,171	136,0	2,0	Los Santos, Santander
1819	2020/10/29	01:04:29	1,906	-78,156	89,0	2,7	Maguí (Payán), Nariño
1820	2020/10/29	01:20:48	6,754	-73,261	138,0	1,9	Zapatoca, Santander
1821	2020/10/29	01:53:30	3,957	-71,61	0,0	1,9	Puerto Gaitán, Meta
1822	2020/10/29	02:25:19	1,914	-76,58	11,0	0,6	San Agustín, Huila
1823	2020/10/29	02:43:16	7,344	-74,842	50,0	1,7	Zaragoza, Antioquia
1824	2020/10/29	03:06:09	4,159	-77,995	32,0	2,1	Océano Pacífico
1825	2020/10/29	03:10:59	6,749	-73,081	144,0	2,1	Los Santos, Santander
1826	2020/10/29	03:35:50	4,105	-75,022	19,0	1,0	Guamo, Tolima
1827	2020/10/29	03:54:34	4,669	-74,935	31,0	1,2	Venadillo, Tolima
1828	2020/10/29	03:57:38	6,801	-73,185	143,0	4,6	Los Santos, Santander
1829	2020/10/29	04:08:45	7,529	-77,358	7,0	1,9	Riosucio, Chocó
1830	2020/10/29	04:09:31	6,757	-73,127	140,0	2,2	Los Santos, Santander
1831	2020/10/29	04:11:53	6,812	-76,266	0,0	2,0	Frontino, Antioquia
1832	2020/10/29	05:13:31	7,19	-77,002	31,0	1,8	Carmen del Darién (Curbaradó), Chocó
1833	2020/10/29	05:22:03	12,204	-70,748	7,0	4,3	Cerca de la Costa de Venezuela
1834	2020/10/29	05:22:51	1,936	-75,966	27,0	1,2	Timaná, Huila
1835	2020/10/29	05:25:43	1,804	-77,146	19,0	0,7	Mercaderes, Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1836	2020/10/29	05:49:02	6,682	-75,813	118,0	1,4	Liborina, Antioquia
1837	2020/10/29	05:50:42	7,285	-77,184	17,0	1,8	Riosucio, Chocó
1838	2020/10/29	05:51:59	6,742	-76,038	100,0	1,8	Cañasgordas, Antioquia
1839	2020/10/29	05:55:17	6,846	-76,255	0,0	2,0	Dabeiba, Antioquia
1840	2020/10/29	06:00:43	6,29	-73,578	48,0	2,9	El Guacamayo, Santander
1841	2020/10/29	06:11:54	6,892	-76,27	20,0	2,3	Dabeiba, Antioquia
1842	2020/10/29	06:22:52	6,457	-76,749	30,0	1,9	Vigia del Fuerte, Antioquia
1843	2020/10/29	06:24:36	3,672	-77,375	11,0	1,5	Océano Pacifico
1844	2020/10/29	06:30:30	6,797	-73,164	151,0	1,7	Los Santos, Santander
1845	2020/10/29	06:46:19	6,699	-73,103	139,0	2,1	Jordán, Santander
1846	2020/10/29	06:47:46	3,451	-74,186	9,0	1,1	Mesetas, Meta
1847	2020/10/29	06:54:13	6,874	-73,394	124,0	1,4	San Vicente de Chucurí, Santander
1848	2020/10/29	06:55:50	6,887	-76,28	7,0	1,9	Dabeiba, Antioquia
1849	2020/10/29	06:57:15	6,9	-76,284	16,0	2,7	Dabeiba, Antioquia
1850	2020/10/29	06:59:52	6,808	-73,17	142,0	2,2	Los Santos, Santander
1851	2020/10/29	07:02:18	6,838	-76,183	0,0	2,0	Uramita, Antioquia
1852	2020/10/29	07:06:10	6,838	-76,21	0,0	1,9	Frontino, Antioquia
1853	2020/10/29	07:19:45	6,828	-76,161	0,0	1,6	Frontino, Antioquia
1854	2020/10/29	07:26:40	6,813	-73,154	143,0	2,4	Los Santos, Santander
1855	2020/10/29	07:34:49	6,256	-73,569	125,0	1,6	El Guacamayo, Santander
1856	2020/10/29	07:48:32	6,781	-76,126	0,0	1,6	Frontino, Antioquia
1857	2020/10/29	07:51:23	4,79	-76,164	80,0	1,6	El Cairo, Valle del Cauca
1858	2020/10/29	08:04:08	5,598	-74,286	87,0	1,2	Quípama, Boyacá
1859	2020/10/29	08:06:46	2,77	-76,598	13,0	0,7	Morales, Cauca
1860	2020/10/29	08:37:17	6,752	-73,16	136,0	1,8	Los Santos, Santander
1861	2020/10/29	09:06:53	6,712	-76,044	85,0	1,6	Cañasgordas, Antioquia
1862	2020/10/29	09:42:57	3,508	-76,591	61,0	1,3	Calí, Valle del Cauca
1863	2020/10/29	10:08:32	6,797	-73,185	145,0	1,9	Los Santos, Santander
1864	2020/10/29	10:24:23	6,388	-73,756	117,0	1,4	Landázuri, Santander
1865	2020/10/29	10:25:35	2,426	-75,589	27,0	1,3	Gigante, Huila
1866	2020/10/29	11:18:55	6,771	-73,12	134,0	2,1	Los Santos, Santander
1867	2020/10/29	11:24:26	6,8	-73,137	142,0	2,2	Los Santos, Santander
1868	2020/10/29	11:31:32	6,626	-73,201	156,0	1,9	Barichara, Santander
1869	2020/10/29	11:44:28	6,904	-76,314	10,0	2,3	Dabeiba, Antioquia
1870	2020/10/29	11:47:51	6,904	-76,177	0,0	2,2	Uramita, Antioquia
1871	2020/10/29	13:30:53	5,569	-73,992	104,0	1,9	Maripí, Boyacá
1872	2020/10/29	14:02:46	6,607	-73,61	111,0	1,6	El Carmen, Santander
1873	2020/10/29	15:26:40	6,867	-76,25	13,0	2,7	Dabeiba, Antioquia
1874	2020/10/29	16:17:17	6,878	-73,372	130,0	1,4	San Vicente de Chucurí, Santander
1875	2020/10/29	17:39:47	6,784	-73,237	151,0	4,2	Zapatoca, Santander
1876	2020/10/29	17:53:16	5,961	-74,844	0,0	0,3	San Luis, Antioquia
1877	2020/10/29	17:59:23	6,812	-73,134	142,0	3,2	Los Santos, Santander
1878	2020/10/29	18:02:11	6,774	-73,142	143,0	2,7	Los Santos, Santander
1879	2020/10/29	19:45:05	6,407	-74,851	20,0	1,1	San Roque, Antioquia
1880	2020/10/29	20:13:47	3,218	-74,573	64,0	1,6	Uribe, Meta
1881	2020/10/29	21:26:32	6,711	-73,141	131,0	2,4	Jordán, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1882	2020/10/29	21:43:42	6,836	-72,99	141,0	2,0	Piedecuesta, Santander
1883	2020/10/29	21:46:49	6,422	-73,528	119,0	2,6	Santa Helena del Opón, Santander
1884	2020/10/29	22:47:24	5,857	-74,835	0,0	0,9	Sonsón, Antioquia
1885	2020/10/29	23:03:29	2,701	-75,753	11,0	0,9	Íquira, Huila
1886	2020/10/29	23:08:54	11,358	-72,791	65,0	3,5	Riohacha, la Guajira
1887	2020/10/29	23:49:06	4,292	-75,484	13,0	0,7	Ibagué, Tolima
1888	2020/10/30	00:12:20	7,189	-73,491	113,0	1,8	Sabana de Torres, Santander
1889	2020/10/30	00:21:44	6,745	-73,578	108,0	1,6	El Carmen, Santander
1890	2020/10/30	00:58:37	6,809	-73,171	134,0	1,8	Los Santos, Santander
1891	2020/10/30	01:46:06	6,749	-73,167	142,0	1,8	Los Santos, Santander
1892	2020/10/30	02:56:23	3,031	-74,72	38,0	1,8	Uribe, Meta
1893	2020/10/30	03:03:19	2,422	-75,691	29,0	2,3	Paicol, Huila
1894	2020/10/30	03:05:49	6,404	-75,766	11,0	1,3	Ebéjico, Antioquia
1895	2020/10/30	03:09:08	3,032	-74,678	46,0	1,5	Uribe, Meta
1896	2020/10/30	03:40:44	6,904	-76,245	25,0	1,4	Dabeiba, Antioquia
1897	2020/10/30	03:41:27	11,055	-74,026	5,0	1,4	Santa Marta, Magdalena
1898	2020/10/30	03:50:21	6,424	-73,722	102,0	1,3	Landázuri, Santander
1899	2020/10/30	03:51:52	6,874	-73,225	131,0	1,7	Zapatoca, Santander
1900	2020/10/30	04:36:19	6,788	-73,069	152,0	1,7	Los Santos, Santander
1901	2020/10/30	04:37:50	6,796	-73,15	133,0	1,8	Los Santos, Santander
1902	2020/10/30	04:51:02	4,734	-74,681	28,0	1,6	Pulí, Cundinamarca
1903	2020/10/30	04:55:48	6,932	-76,311	0,0	2,2	Dabeiba, Antioquia
1904	2020/10/30	05:34:38	6,843	-73,156	146,0	1,6	Los Santos, Santander
1905	2020/10/30	05:50:30	6,584	-73,549	113,0	1,7	El Carmen, Santander
1906	2020/10/30	05:57:35	6,894	-73,114	144,0	1,7	Los Santos, Santander
1907	2020/10/30	05:58:48	3,314	-75,205	40,0	1,3	Villavieja, Huila
1908	2020/10/30	06:39:20	6,693	-73,682	100,0	1,5	El Carmen, Santander
1909	2020/10/30	07:24:26	6,777	-76,97	21,0	1,8	Bojayá (Bellavista), Chocó
1910	2020/10/30	07:26:22	6,875	-73,164	152,0	1,7	Los Santos, Santander
1911	2020/10/30	07:33:50	6,783	-73,184	141,0	1,9	Los Santos, Santander
1912	2020/10/30	07:36:45	4,796	-76,648	15,0	1,5	Nóvita, Chocó
1913	2020/10/30	07:39:58	2,842	-79,087	10,0	2,6	Océano Pacífico
1914	2020/10/30	07:50:06	6,891	-73,161	153,0	1,7	Girón, Santander
1915	2020/10/30	08:03:46	3,48	-74,218	11,0	1,3	Mesetas, Meta
1916	2020/10/30	08:30:57	6,853	-73,116	151,0	1,7	Los Santos, Santander
1917	2020/10/30	08:32:29	6,851	-73,176	148,0	1,7	Zapatoca, Santander
1918	2020/10/30	08:45:10	6,787	-73,173	152,0	2,1	Los Santos, Santander
1919	2020/10/30	08:53:20	6,767	-73,195	155,0	1,7	Los Santos, Santander
1920	2020/10/30	09:21:25	1,763	-77,187	22,0	1,2	Mercaderes, Cauca
1921	2020/10/30	10:03:13	7,634	-73,2	152,0	1,9	Cáchira, Norte de Santander
1922	2020/10/30	10:23:40	6,784	-73,13	145,0	2,0	Los Santos, Santander
1923	2020/10/30	11:36:12	6,865	-73,138	159,0	1,8	Los Santos, Santander
1924	2020/10/30	11:48:54	6,627	-73,211	147,0	1,9	Barichara, Santander
1925	2020/10/30	11:54:55	3,002	-74,811	32,0	1,6	Uribe, Meta
1926	2020/10/30	12:56:15	5,314	-73,974	142,0	2,0	San Cayetano, Cundinamarca
1927	2020/10/30	13:00:05	6,792	-73,107	144,0	2,8	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1928	2020/10/30	13:05:53	4,699	-77,982	2,0	2,6	Océano Pacífico
1929	2020/10/30	13:20:14	6,567	-74,472	57,0	1,7	Puerto Berrío, Antioquia
1930	2020/10/30	13:23:20	6,771	-73,06	139,0	2,2	Los Santos, Santander
1931	2020/10/30	13:45:32	5,622	-73,854	107,0	2,1	Caldas, Boyacá
1932	2020/10/30	13:51:38	6,816	-73,122	150,0	1,8	Los Santos, Santander
1933	2020/10/30	14:49:54	6,78	-73,06	151,0	1,8	Los Santos, Santander
1934	2020/10/30	15:26:18	5,248	-73,225	4,0	1,9	Zetaquirá, Boyacá
1935	2020/10/30	15:37:51	6,857	-73,117	143,0	2,2	Los Santos, Santander
1936	2020/10/30	15:41:48	6,173	-73,614	120,0	1,6	La Paz, Santander
1937	2020/10/30	16:10:53	2,583	-75,441	35,0	1,3	Hobo, Huila
1938	2020/10/30	16:41:10	6,798	-73,176	142,0	1,5	Los Santos, Santander
1939	2020/10/30	16:51:26	3,901	-76,217	105,0	1,8	Buga, Valle del Cauca
1940	2020/10/30	17:04:24	6,711	-73,124	134,0	2,1	Jordán, Santander
1941	2020/10/30	18:39:44	6,82	-73,15	140,0	2,7	Los Santos, Santander
1942	2020/10/30	18:42:06	7,07	-73,052	119,0	2,2	Floridablanca, Santander
1943	2020/10/30	19:05:44	6,703	-73,146	132,0	2,0	Jordán, Santander
1944	2020/10/30	19:16:55	5,28	-73,747	134,0	2,7	Cucunubá, Cundinamarca
1945	2020/10/30	20:01:37	5,604	-73,893	14,0	1,3	Caldas, Boyacá
1946	2020/10/30	20:24:25	6,784	-73,202	140,0	2,0	Zapatoca, Santander
1947	2020/10/30	20:50:28	2,576	-76,695	14,0	1,4	Cajibío, Cauca
1948	2020/10/30	21:23:43	4,772	-74,658	8,0	1,2	San Juan de Rioseco, Cundinamarca
1949	2020/10/30	21:35:30	11,448	-74,314	28,0	1,7	Mar Caribe
1950	2020/10/30	21:48:41	1,992	-76,182	24,0	1,5	Isnos, Huila
1951	2020/10/30	21:58:10	6,877	-73,188	155,0	2,0	Zapatoca, Santander
1952	2020/10/30	22:02:51	9,757	-73,076	11,0	1,5	Becerrill, Cesar
1953	2020/10/30	22:11:19	5,872	-74,901	0,0	1,0	San Francisco, Antioquia
1954	2020/10/30	22:34:06	6,786	-73,059	150,0	1,9	Los Santos, Santander
1955	2020/10/30	22:37:13	5,88	-73,55	132,0	1,7	Moniquirá, Boyacá
1956	2020/10/30	22:45:47	6,76	-73,186	147,0	1,6	Los Santos, Santander
1957	2020/10/30	22:49:45	6,791	-73,138	150,0	2,0	Los Santos, Santander
1958	2020/10/30	23:11:38	3,929	-75,338	16,0	0,9	Ortega, Tolima
1959	2020/10/30	23:29:24	3,542	-74,286	6,0	1,9	Uribe, Meta
1960	2020/10/30	23:51:37	6,89	-76,079	25,0	1,9	Cañasgordas, Antioquia
1961	2020/10/31	00:14:13	6,995	-73,175	130,0	1,8	Girón, Santander
1962	2020/10/31	01:00:33	6,805	-73,224	138,0	1,7	Zapatoca, Santander
1963	2020/10/31	01:07:08	6,755	-73,569	104,0	1,2	El Carmen, Santander
1964	2020/10/31	01:21:14	7,675	-73,16	130,0	1,7	Cáchira, Norte de Santander
1965	2020/10/31	01:57:25	6,766	-73,18	137,0	1,9	Los Santos, Santander
1966	2020/10/31	02:04:05	2,923	-74,849	40,0	1,7	Uribe, Meta
1967	2020/10/31	02:14:47	2,113	-73,525	24,0	2,0	San José del Guaviare, Guaviare
1968	2020/10/31	02:44:26	3,551	-74,279	13,0	1,9	Uribe, Meta
1969	2020/10/31	03:11:18	5,921	-73,914	93,0	1,4	Sucre, Santander
1970	2020/10/31	03:24:51	6,75	-73,155	142,0	2,0	Los Santos, Santander
1971	2020/10/31	03:27:17	6,17	-77,662	16,0	2,1	Océano Pacífico
1972	2020/10/31	03:28:00	5,288	-73,757	145,0	2,9	Cucunubá, Cundinamarca
1973	2020/10/31	03:39:39	3,786	-75,391	51,0	1,2	Chaparral, Tolima

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1974	2020/10/31	04:06:35	10,74	-72,707	108,0	1,7	Venezuela
1975	2020/10/31	04:07:42	6,718	-73,224	152,0	1,7	Barichara, Santander
1976	2020/10/31	04:09:52	6,827	-73,12	149,0	1,7	Los Santos, Santander
1977	2020/10/31	04:19:50	6,815	-73,191	138,0	2,1	Zapatoca, Santander
1978	2020/10/31	04:24:59	5,559	-73,474	170,0	1,6	Sora, Boyacá
1979	2020/10/31	04:31:35	6,723	-73,125	135,0	2,2	Jordán, Santander
1980	2020/10/31	04:54:10	11,121	-74,066	4,0	1,6	Santa Marta, Magdalena
1981	2020/10/31	05:15:05	6,722	-73,131	137,0	1,8	Jordán, Santander
1982	2020/10/31	05:19:17	3,48	-74,21	5,0	1,8	Mesetas, Meta
1983	2020/10/31	05:21:05	6,749	-73,757	92,0	1,7	Simacota, Santander
1984	2020/10/31	05:53:56	6,711	-73,107	139,0	2,0	Jordán, Santander
1985	2020/10/31	06:00:18	6,793	-73,157	147,0	2,4	Los Santos, Santander
1986	2020/10/31	06:28:53	6,7	-73,2	154,0	1,6	Barichara, Santander
1987	2020/10/31	06:46:31	6,991	-73,967	95,0	1,4	Yondó (Casabe), Antioquia
1988	2020/10/31	07:07:59	9,662	-77,093	24,0	1,6	Mar Caribe
1989	2020/10/31	07:20:07	6,8	-73,129	139,0	1,9	Los Santos, Santander
1990	2020/10/31	07:49:35	6,832	-73,034	135,0	1,8	Los Santos, Santander
1991	2020/10/31	07:52:44	3,925	-76,307	123,0	1,3	Buga, Valle del Cauca
1992	2020/10/31	07:57:54	5,619	-78,041	16,0	2,4	Océano Pacífico
1993	2020/10/31	07:57:55	5,674	-78,01	28,0	2,4	Océano Pacífico
1994	2020/10/31	08:15:02	5,421	-73,747	133,0	2,1	Fúquene, Cundinamarca
1995	2020/10/31	08:15:54	9,83	-73,03	117,0	1,9	Becerrill, Cesar
1996	2020/10/31	08:50:40	6,392	-76,744	46,0	1,6	Vigia del Fuerte, Antioquia
1997	2020/10/31	08:52:52	4,804	-74,799	20,0	1,0	Ambalema, Tolima
1998	2020/10/31	09:24:50	6,744	-73,125	139,0	2,0	Los Santos, Santander
1999	2020/10/31	10:09:32	3,522	-74,205	7,0	1,8	Mesetas, Meta
2000	2020/10/31	10:11:45	4,798	-76,17	94,0	2,0	El Cairo, Valle del Cauca
2001	2020/10/31	10:18:04	0,831	-77,33	19,0	1,2	Puerres, Nariño
2002	2020/10/31	10:28:41	6,797	-73,155	144,0	2,5	Los Santos, Santander
2003	2020/10/31	10:33:04	2,332	-73,466	0,0	2,0	San José del Guaviare, Guaviare
2004	2020/10/31	12:25:33	6,766	-73,133	136,0	2,2	Los Santos, Santander
2005	2020/10/31	12:51:12	6,808	-72,843	139,0	1,8	San Andrés, Santander
2006	2020/10/31	13:02:19	8,968	-74,474	60,0	2,0	Pinillos, Bolívar
2007	2020/10/31	14:01:49	6,74	-73,267	138,0	1,9	Zapatoca, Santander
2008	2020/10/31	15:49:48	6,754	-73,146	135,0	2,1	Los Santos, Santander
2009	2020/10/31	16:06:12	11,102	-73,596	38,0	1,8	Dibulla, la Guajira
2010	2020/10/31	16:15:16	4,071	-75,353	23,0	1,1	Rovira, Tolima
2011	2020/10/31	16:38:50	6,756	-73,196	146,0	1,7	Villanueva, Santander
2012	2020/10/31	17:25:59	6,794	-73,167	146,0	1,7	Los Santos, Santander
2013	2020/10/31	17:45:37	7,914	-75,377	41,0	1,6	Montelíbano, Córdoba
2014	2020/10/31	17:58:49	3,453	-74,203	0,0	1,3	Mesetas, Meta
2015	2020/10/31	18:10:05	4,637	-76,245	112,0	1,7	Versalles, Valle del Cauca
2016	2020/10/31	18:21:25	6,833	-73,16	144,0	2,7	Los Santos, Santander
2017	2020/10/31	18:34:58	4,667	-74,81	28,0	0,8	Venadillo, Tolima
2018	2020/10/31	18:58:33	3,379	-76,269	138,0	1,3	Pradera, Valle del Cauca
2019	2020/10/31	19:10:29	9,484	-74,69	78,0	1,6	Santa Bárbara de Pinto, Magdalena

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
2020	2020/10/31	19:41:28	10,475	-72,745	20,0	1,9	Venezuela
2021	2020/10/31	20:17:54	5,408	-74,913	14,0	0,6	Victoria, Caldas
2022	2020/10/31	20:48:32	10,412	-72,451	126,0	2,1	Venezuela
2023	2020/10/31	22:15:38	6,818	-73,185	139,0	2,6	Zapatoca, Santander
2024	2020/10/31	23:04:35	6,856	-73,33	128,0	1,5	Zapatoca, Santander
2025	2020/10/31	23:13:41	6,159	-75,657	12,0	1,0	La Estrella, Antioquia

Tabla 3.2: Eventos durante octubre de 2020

3.4 Mapa de sismicidad mensual octubre de 2020

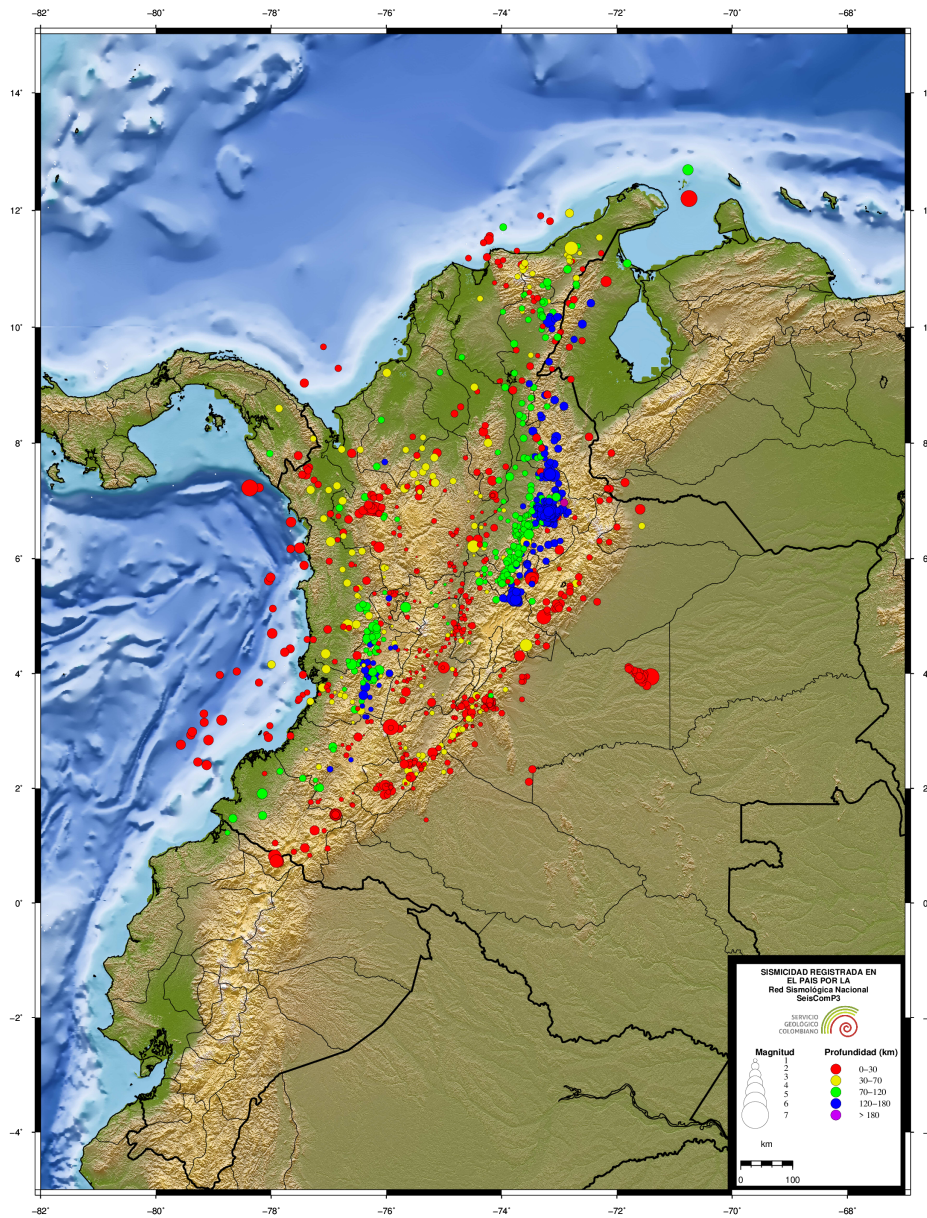


Figura 3.2: Eventos durante octubre de 2020

4

ESTADÍSTICAS DE LA SISMICIDAD

4.1 Errores

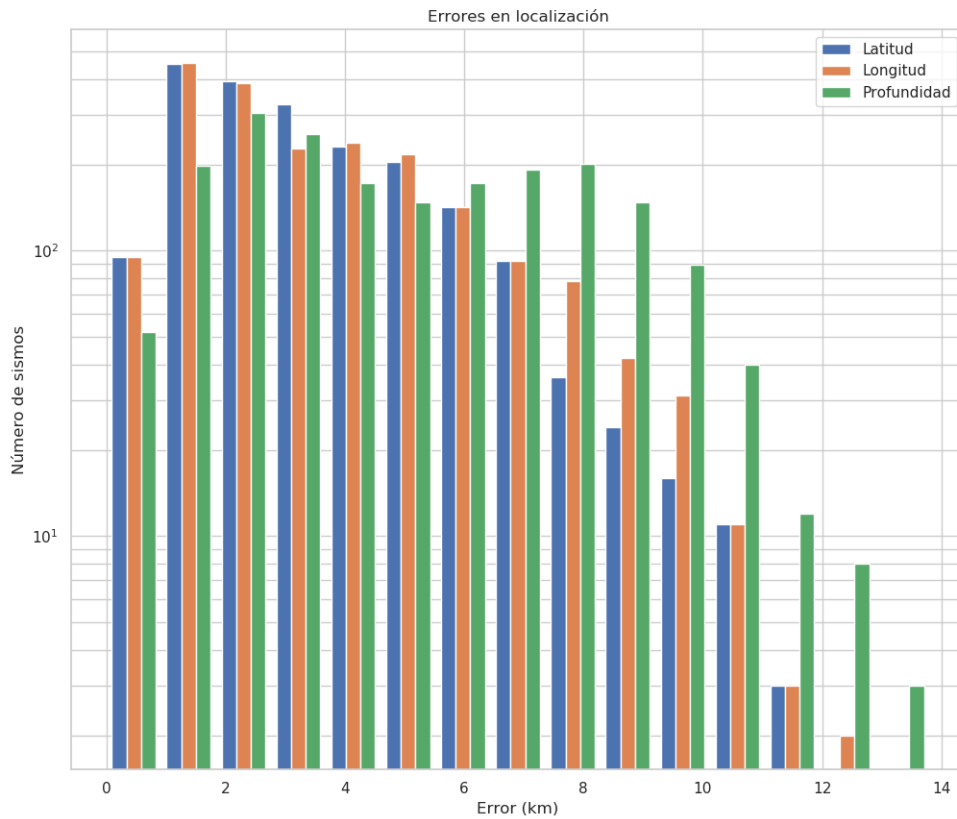


Figura 4.1: Error en latitud, longitud y profundidad (km)

4.2 Número de sismos

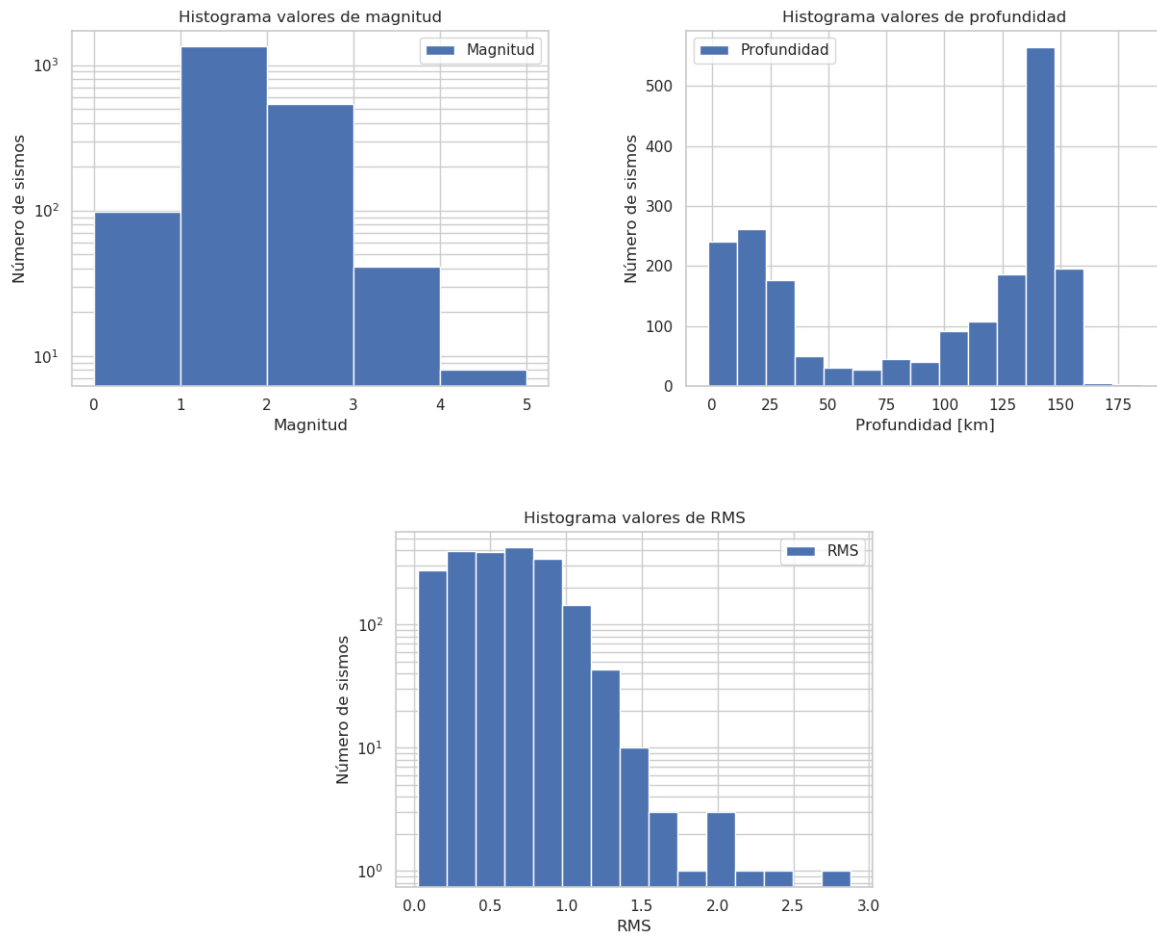


Figura 4.2: Número de eventos sísmicos por magnitud, profundidad y RMS.

4.3 Evolución Temporal

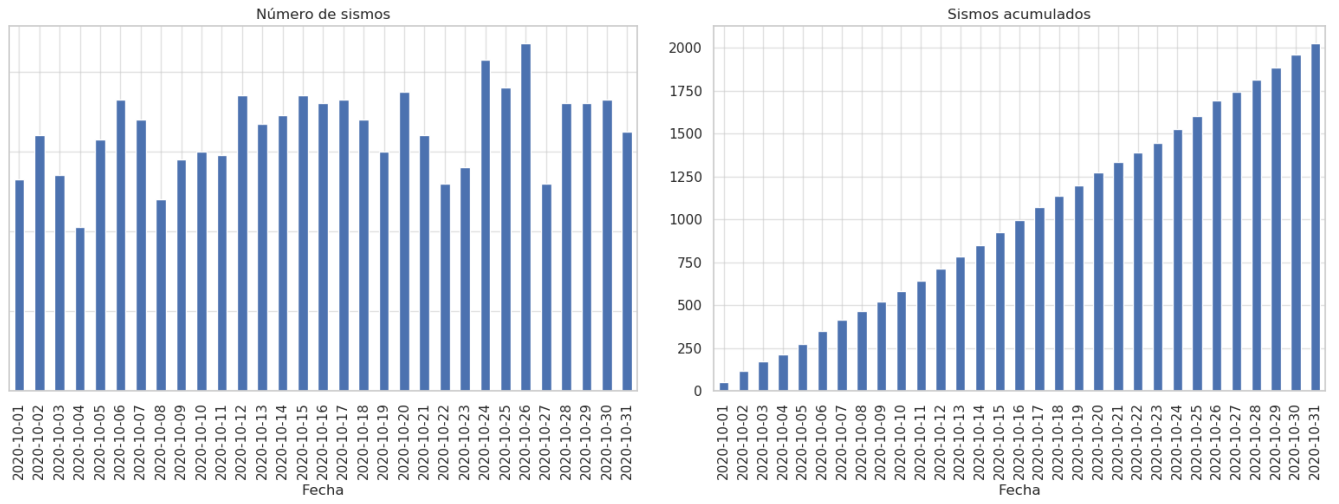


Figura 4.3: Número de eventos por días y acumulado por días

REFERENCIAS BIBLIOGRÁFICAS

Bormann, P. y Saul, J. (2008). The new IASPEI standard broadband magnitude m_B . *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 M_{wp} . *Science of Tsunami Hazards*, 20(4), 187-192.