

BOLETÍN DE SISMOS

» Noviembre de 2021

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Boletín de Sismos

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PRESENTACIÓN

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

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

Cordialmente,

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2 FUNCIONAMIENTO DE LAS ESTACIONES

2.1 Mapa de las estaciones

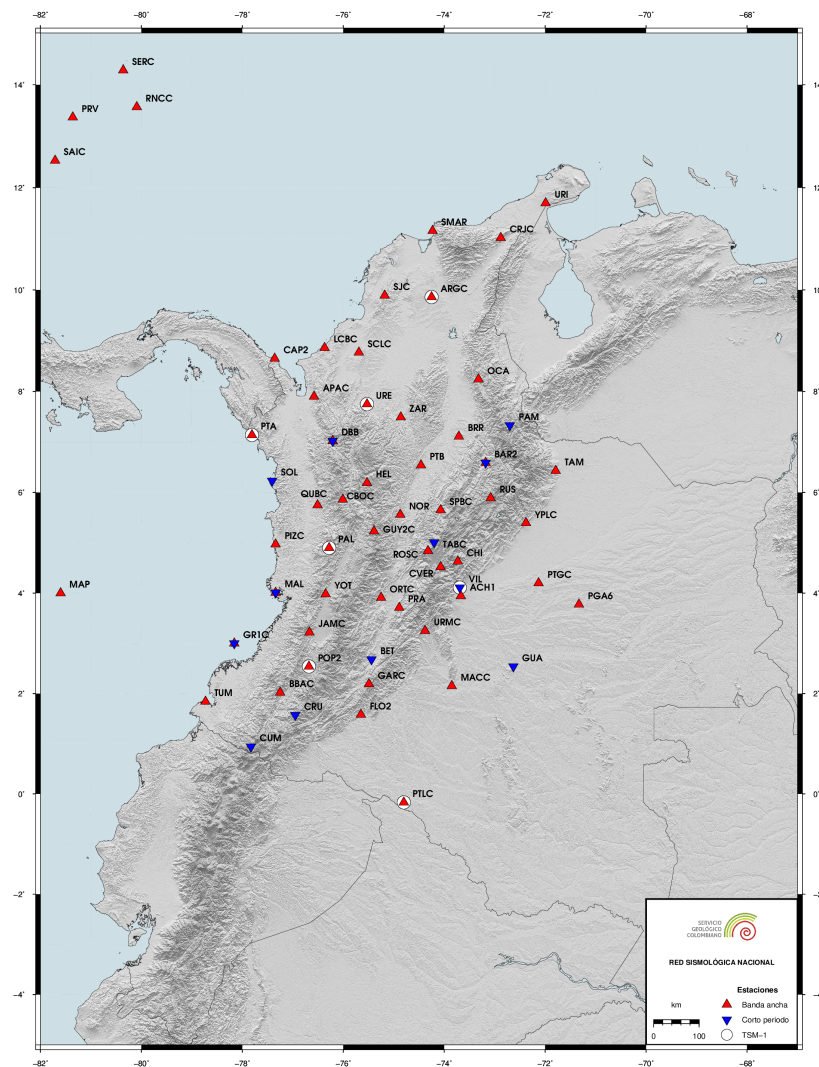


Figura 2.1: Localización de las estaciones de la RSNC.

2.2 Histograma de funcionamiento de las estaciones

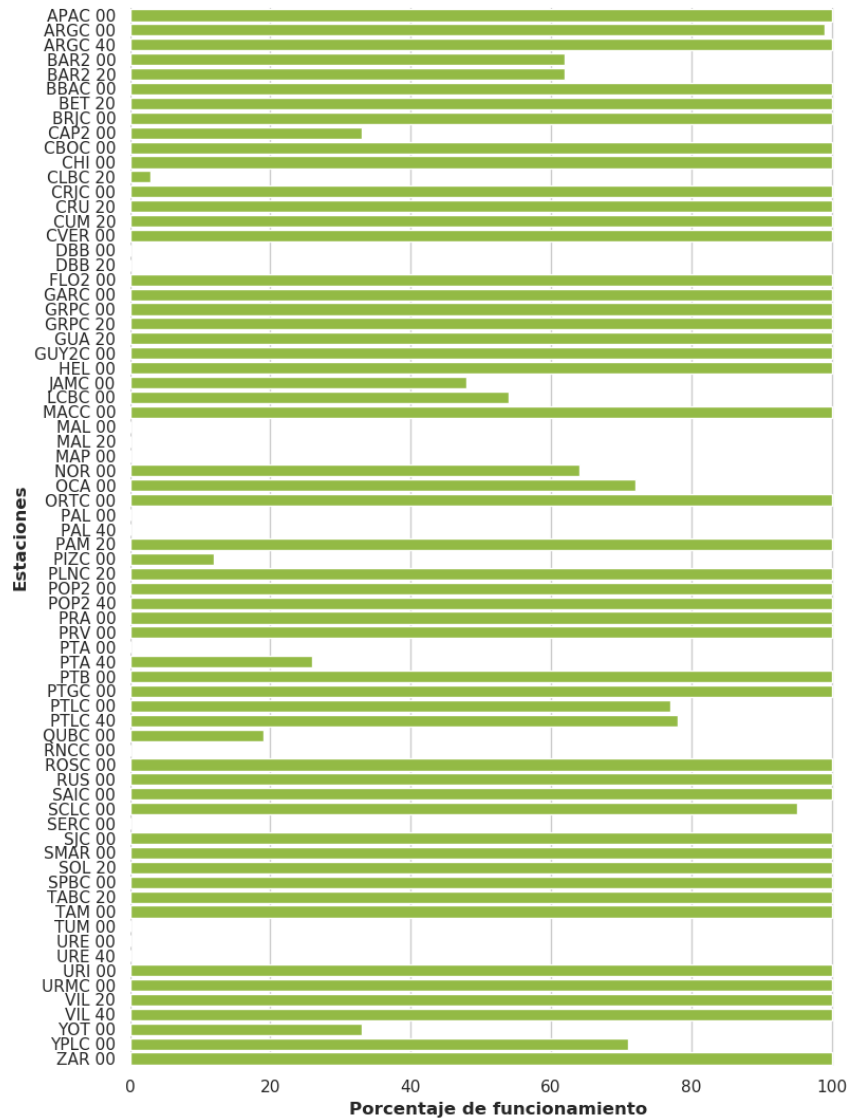


Figura 2.2: El porcentaje de funcionamiento es calculado según la disponibilidad de los datos.

3 Sismicidad de noviembre de 2021

Durante el mes de noviembre se registraron 1844 eventos, entre los cuales 1735 corresponden a eventos locales, 39 a eventos regionales, 46 a eventos en el Océano Pacífico, 17 a eventos en el Mar Caribe y 7 a eventos Volcánicos. De los eventos localizados, 27 se determinaron como destacados, ver tabla 3.1 y figura 3.1.

Un evento es denominado como destacado si:

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

Convenciones

FECHA	Año Mes Día
H:M:S	Hora:Minuto:Segundo. Hora del evento en tiempo universal (UT). Para la hora local en el territorio Colombiano se restan 5 horas a la hora UT.
LAT	Latitud en grados.
LON	Longitud en grados.
Z	Profundidad en kilómetros.
M	Magnitud preferida para el sismo. Puede ser alguna de las siguientes: Mw(mB), Mw(Mwp), MLr, M (promedio ponderado de las magnitudes).
UBICACION	Epicentro del evento.

Nota

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

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

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

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

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

3.1 Tabla de sismicidad destacada noviembre de 2021

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2021/11/01	14:06:03	1,10667	-77,2575	12,0	3,6	Volcán Galeras
2	2021/11/01	22:47:52	2,22516	-76,6201	7,0	1,4	Área de Influencia Volcán Sotará
3	2021/11/02	04:35:05	2,165	-76,5978	9,0	2,7	Área de Influencia Volcán Sotará
4	2021/11/05	04:13:47	2,138	-78,887	0,0	4,1	Océano Pacífico
5	2021/11/06	01:18:45	1,979	-75,891	27,0	2,7	Timaná, Huila
6	2021/11/09	15:17:15	6,803	-73,177	146,0	4,2	Los Santos, Santander
7	2021/11/13	02:06:15	0,9595	-77,8893	2,0	2,0	Volcán Cumbal
8	2021/11/15	07:23:29	6,769	-71,582	30,0	4,0	Fortul, Arauca
9	2021/11/15	19:08:08	0,845	-77,811	1,0	2,0	Volcán Cumbal
10	2021/11/16	06:30:25	4,834	-82,575	10,0	4,3	Océano Pacífico
11	2021/11/18	16:53:05	3,13	-75,9995	9,0	4,3	Área de Influencia Volcán Nevado del Huila
12	2021/11/18	21:31:31	5,157	-82,895	0,0	5,2	Sur de Panamá
13	2021/11/19	02:35:44	1,54017	-76,9322	12,0	2,3	Volcán Animas_Doña Juana
14	2021/11/19	13:39:43	1,969	-76,006	28,0	3,7	Eliás, Huila
15	2021/11/19	22:02:42	7,329	-78,651	0,0	4,4	Panamá
16	2021/11/20	02:56:07	4,669	-75,891	29,0	3,6	Cartago, Valle del Cauca
17	2021/11/20	11:17:51	1,815	-75,698	22,0	2,9	Florencia, Caquetá
18	2021/11/21	23:17:03	9,493	-73,813	24,0	2,6	Astrea, Cesar
19	2021/11/23	07:05:34	7,346	-78,609	38,0	4,8	Panamá
20	2021/11/23	07:06:46	7,105	-78,684	19,0	4,6	Panamá
21	2021/11/24	01:21:38	5,738	-76,122	16,0	2,9	El Carmen, Chocó
22	2021/11/26	03:20:31	6,797	-73,141	151,0	4,4	Los Santos, Santander
23	2021/11/26	12:12:07	7,352	-75,256	4,0	4,3	Tarazá, Antioquia
24	2021/11/27	12:05:14	5,737	-76,156	19,0	3,5	El Carmen, Chocó
25	2021/11/29	07:53:39	3,699	-74,195	14,0	4,2	Lejanías, Meta
26	2021/11/29	20:33:33	4,319	-76,395	126,0	4,6	Bolívar, Valle del Cauca
27	2021/11/30	10:26:25	4,752	-73,432	19,0	3,5	Ubalá, Cundinamarca

Tabla 3.1: Eventos destacados durante noviembre de 2021

3.2 Mapa de sismicidad destacada noviembre de 2021

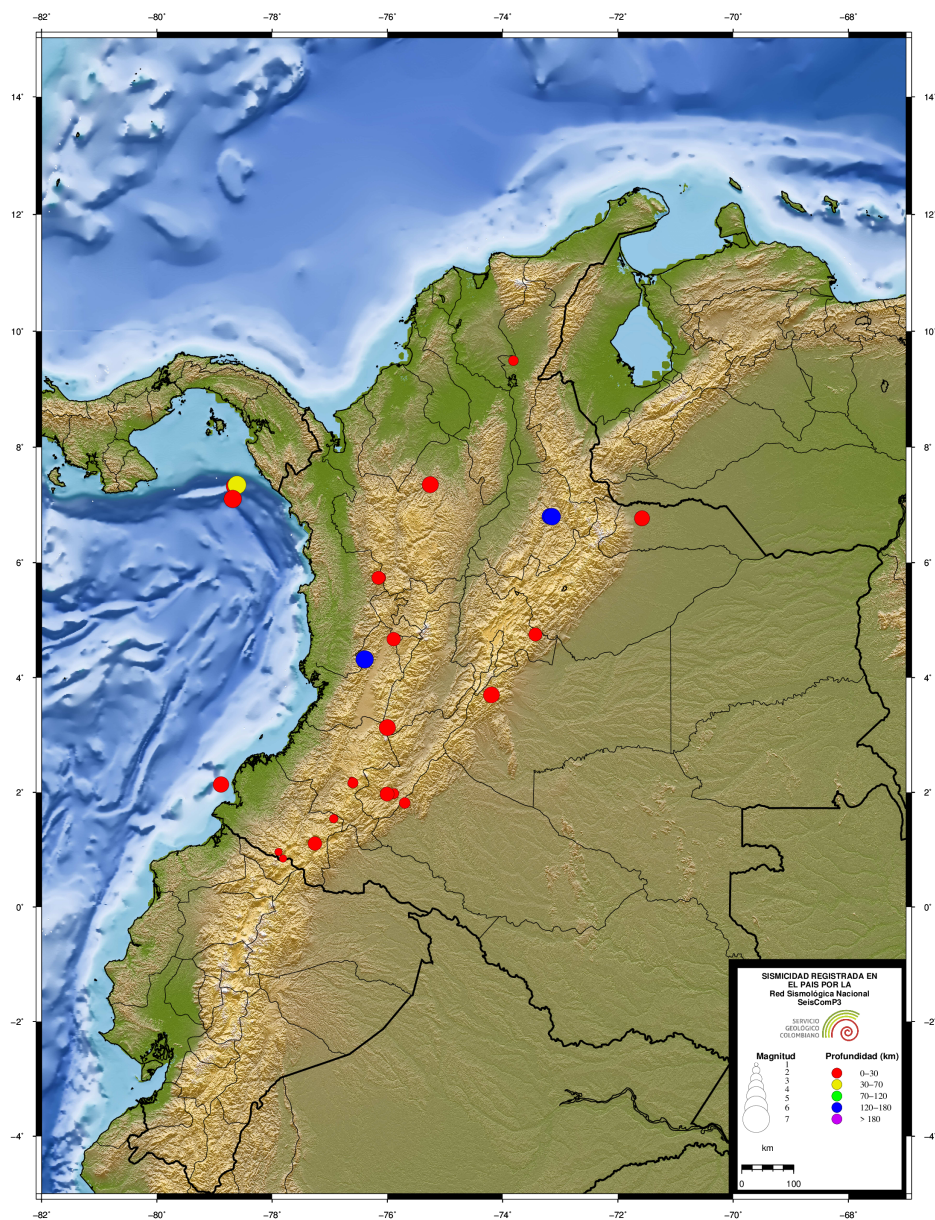


Figura 3.1: Eventos destacados durante noviembre de 2021

3.3 Tabla de sismicidad mensual noviembre de 2021

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2021/11/01	00:09:56	6,822	-73,162	143,0	2,6	Los Santos, Santander
2	2021/11/01	00:20:06	11,562	-73,558	16,0	1,2	Mar Caribe
3	2021/11/01	00:35:15	8,688	-77,368	10,0	2,0	Panamá-Colombia
4	2021/11/01	00:41:12	5,355	-77,606	3,0	1,9	Océano Pacífico
5	2021/11/01	01:04:14	5,997	-75,616	16,0	1,8	Caldas, Antioquia
6	2021/11/01	01:18:12	7,426	-73,459	116,0	1,4	Sabana de Torres, Santander
7	2021/11/01	01:46:24	6,855	-73,149	144,0	1,8	Los Santos, Santander
8	2021/11/01	01:59:34	6,766	-73,141	143,0	1,7	Los Santos, Santander
9	2021/11/01	02:18:14	6,811	-73,173	148,0	1,6	Los Santos, Santander
10	2021/11/01	02:30:18	6,732	-73,133	142,0	1,8	Los Santos, Santander
11	2021/11/01	03:03:00	2,578	-76,869	7,0	0,8	El Tambo, Cauca
12	2021/11/01	03:29:50	6,386	-73,347	134,0	1,6	Chima, Santander
13	2021/11/01	03:42:29	8,344	-74,583	61,0	2,5	San Jacinto del Cauca, Bolívar
14	2021/11/01	04:51:37	3,454	-74,186	10,0	1,7	Mesetas, Meta
15	2021/11/01	05:06:40	6,782	-73,155	142,0	2,6	Los Santos, Santander
16	2021/11/01	05:19:15	12,06	-73,221	35,0	1,6	Mar Caribe
17	2021/11/01	05:43:36	3,938	-76,934	0,0	1,7	Buenaventura, Valle del Cauca
18	2021/11/01	06:00:45	5,679	-73,948	103,0	2,0	Pauna, Boyacá
19	2021/11/01	06:14:21	6,779	-73,171	132,0	2,0	Los Santos, Santander
20	2021/11/01	06:29:27	3,464	-74,25	13,0	1,5	Mesetas, Meta
21	2021/11/01	06:43:43	6,408	-74,86	4,0	0,9	San Roque, Antioquia
22	2021/11/01	07:20:39	7,24	-73,536	23,0	0,9	Sabana de Torres, Santander
23	2021/11/01	07:48:06	5,207	-74,805	19,0	1,2	Honda, Tolima
24	2021/11/01	08:03:26	6,758	-73,129	138,0	1,8	Los Santos, Santander
25	2021/11/01	08:13:21	8,654	-73,598	108,0	1,7	La Gloria, Cesar
26	2021/11/01	08:19:24	6,817	-73,144	136,0	1,6	Los Santos, Santander
27	2021/11/01	08:31:44	6,878	-73,135	140,0	2,1	Los Santos, Santander
28	2021/11/01	08:49:21	6,826	-73,146	139,0	2,0	Los Santos, Santander
29	2021/11/01	09:11:45	6,84	-73,207	130,0	1,6	Zapatoca, Santander
30	2021/11/01	10:03:41	2,502	-76,705	5,0	0,3	Popayán, Cauca
31	2021/11/01	10:20:46	6,787	-73,193	119,0	1,7	Los Santos, Santander
32	2021/11/01	10:40:34	6,037	-75,64	19,0	0,8	Caldas, Antioquia
33	2021/11/01	12:29:50	6,799	-73,169	147,0	1,3	Los Santos, Santander
34	2021/11/01	12:32:54	5,31	-73,735	129,0	1,6	Lenguazaque, Cundinamarca
35	2021/11/01	12:41:19	7,981	-72,06	13,0	1,6	Norte Colombia
36	2021/11/01	14:00:42	6,793	-73,168	133,0	1,5	Los Santos, Santander
37	2021/11/01	14:06:03	1,10667	-77,2575	12,0	3,6	Volcán Galeras
38	2021/11/01	14:06:15	6,717	-73,185	136,0	2,2	Villanueva, Santander
39	2021/11/01	15:14:10	2,821	-75,099	25,0	1,3	Neiva, Huila
40	2021/11/01	15:45:41	7,38	-76,401	60,0	1,8	Mutatá, Antioquia
41	2021/11/01	16:47:22	6,642	-73,506	107,0	1,0	El Carmen, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
42	2021/11/01	17:41:01	5,793	-76,283	36,0	1,4	El Carmen, Chocó
43	2021/11/01	18:19:50	6,835	-76,364	22,0	2,3	Dabeiba, Antioquia
44	2021/11/01	18:38:44	6,848	-73,202	117,0	1,5	Zapatoca, Santander
45	2021/11/01	18:52:09	10,944	-73,564	50,0	1,7	Dibulla, la Guajira
46	2021/11/01	19:11:46	7,098	-73,001	16,0	1,3	Piedecuesta, Santander
47	2021/11/01	20:55:57	10,091	-72,624	152,0	2,2	Venezuela
48	2021/11/01	21:00:24	6,754	-73,218	123,0	1,9	Zapatoca, Santander
49	2021/11/01	21:53:40	7,182	-72,989	159,0	1,7	Tona, Santander
50	2021/11/01	21:59:25	1,931	-78,359	66,0	2,5	Roberto Payán (San José), Nariño
51	2021/11/01	22:03:28	6,72	-73,197	120,0	1,8	Barichara, Santander
52	2021/11/01	22:14:04	6,071	-72,477	18,0	2,2	Chita, Boyacá
53	2021/11/01	22:21:26	6,767	-73,175	144,0	3,3	Los Santos, Santander
54	2021/11/01	22:47:52	2,22516	-76,6201	7,0	1,4	Área de Influencia Volcán Sotará
55	2021/11/01	23:41:53	3,4	-74,164	10,0	1,3	Mesetas, Meta
56	2021/11/01	23:50:03	6,673	-73,176	123,0	1,4	Villanueva, Santander
57	2021/11/02	00:24:59	6,791	-73,182	138,0	1,6	Los Santos, Santander
58	2021/11/02	00:27:31	6,781	-73,274	138,0	1,5	Zapatoca, Santander
59	2021/11/02	00:32:59	6,892	-73,305	137,0	1,3	Betulia, Santander
60	2021/11/02	01:42:37	8,539	-71,879	4,0	2,0	Venezuela
61	2021/11/02	02:42:33	10,602	-73,519	36,0	1,9	Valledupar, Cesar
62	2021/11/02	03:01:03	10,524	-72,124	11,0	1,7	Venezuela
63	2021/11/02	03:15:37	3,598	-77,337	0,0	1,5	Océano Pacífico
64	2021/11/02	03:46:06	4,205	-76,279	121,0	2,0	Trujillo, Valle del Cauca
65	2021/11/02	04:05:10	6,968	-76,386	5,0	1,4	Dabeiba, Antioquia
66	2021/11/02	04:20:04	6,82	-73,233	142,0	1,5	Zapatoca, Santander
67	2021/11/02	04:35:05	2,165	-76,5978	9,0	2,7	Área de Influencia Volcán Sotará
68	2021/11/02	04:37:08	5,614	-75,956	41,0	1,1	Andes, Antioquia
69	2021/11/02	04:41:58	6,827	-73,185	151,0	1,6	Zapatoca, Santander
70	2021/11/02	05:14:17	6,821	-73,15	141,0	1,9	Los Santos, Santander
71	2021/11/02	05:20:26	5,554	-74,511	4,0	1,4	Yacopí, Cundinamarca
72	2021/11/02	05:34:49	6,777	-73,178	135,0	1,6	Los Santos, Santander
73	2021/11/02	05:40:12	5,531	-74,46	17,0	1,2	Caparrapí, Cundinamarca
74	2021/11/02	06:06:20	6,783	-73,15	134,0	1,9	Los Santos, Santander
75	2021/11/02	06:11:24	6,812	-73,319	123,0	1,2	Zapatoca, Santander
76	2021/11/02	06:26:19	6,762	-73,133	134,0	1,7	Los Santos, Santander
77	2021/11/02	06:31:16	6,331	-74,059	111,0	1,3	Cimitarra, Santander
78	2021/11/02	06:37:00	4,745	-76,352	24,0	1,4	Sipí, Chocó
79	2021/11/02	06:40:30	6,809	-73,139	129,0	1,4	Los Santos, Santander
80	2021/11/02	06:51:28	2,33	-75,726	5,0	0,8	Agrado, Huila
81	2021/11/02	07:28:31	6,0	-76,212	18,0	1,0	Quibdó, Chocó
82	2021/11/02	07:36:08	7,095	-76,1	0,0	1,8	Dabeiba, Antioquia
83	2021/11/02	07:42:11	6,792	-73,18	143,0	1,9	Los Santos, Santander
84	2021/11/02	08:07:58	3,628	-82,228	0,0	2,8	Océano Pacífico
85	2021/11/02	08:09:17	5,28	-76,898	32,0	1,9	Medio Baudó(Boca de Pepé), Chocó
86	2021/11/02	08:47:47	2,088	-75,673	31,0	1,0	Garzón, Huila
87	2021/11/02	09:30:12	2,079	-75,88	33,0	0,9	Tarqui, Huila

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
88	2021/11/02	09:30:25	6,782	-73,095	144,0	1,7	Los Santos, Santander
89	2021/11/02	09:36:47	6,563	-73,347	136,0	1,7	Hato, Santander
90	2021/11/02	09:52:26	6,759	-73,174	148,0	1,5	Los Santos, Santander
91	2021/11/02	09:54:53	6,637	-73,577	100,0	1,2	El Carmen, Santander
92	2021/11/02	10:06:32	5,152	-73,08	13,0	1,7	Páez, Boyacá
93	2021/11/02	10:31:34	6,79	-73,222	140,0	1,6	Zapatoca, Santander
94	2021/11/02	10:41:39	2,266	-79,593	12,0	3,1	Océano Pacífico
95	2021/11/02	10:47:46	6,69	-73,103	127,0	2,1	Curití, Santander
96	2021/11/02	11:36:03	6,929	-73,517	100,0	1,2	San Vicente de Chucurí, Santander
97	2021/11/02	12:10:20	11,848	-73,43	7,0	2,4	Mar Caribe
98	2021/11/02	12:15:20	11,794	-73,364	0,0	1,7	Mar Caribe
99	2021/11/02	12:41:59	6,882	-73,217	128,0	1,6	Zapatoca, Santander
100	2021/11/02	13:27:03	6,751	-73,069	145,0	1,7	Los Santos, Santander
101	2021/11/02	13:53:40	6,942	-72,166	4,0	1,6	Cubará, Boyacá
102	2021/11/02	14:04:56	6,682	-73,158	121,0	2,3	Villanueva, Santander
103	2021/11/02	14:46:46	2,513	-77,073	16,0	1,2	El Tambo, Cauca
104	2021/11/02	14:47:56	6,827	-73,229	124,0	1,5	Zapatoca, Santander
105	2021/11/02	14:58:46	0,684	-75,917	0,0	1,9	Puerto Guzmán, Putumayo
106	2021/11/02	15:15:37	6,715	-73,27	126,0	1,7	Zapatoca, Santander
107	2021/11/02	15:35:03	10,255	-73,623	47,0	1,6	Valledupar, Cesar
108	2021/11/02	15:59:45	6,724	-73,206	131,0	2,2	Barichara, Santander
109	2021/11/02	16:04:48	5,298	-73,74	139,0	2,6	Lenguazaque, Cundinamarca
110	2021/11/02	16:34:26	6,798	-73,124	134,0	1,5	Los Santos, Santander
111	2021/11/02	16:38:24	5,547	-73,769	134,0	1,7	San Miguel de Sema, Boyacá
112	2021/11/02	16:38:31	6,703	-73,167	130,0	2,0	Villanueva, Santander
113	2021/11/02	17:37:42	4,552	-73,179	16,0	1,6	Paratebueno, Cundinamarca
114	2021/11/02	18:02:13	5,256	-74,511	27,0	1,7	Caparrapí, Cundinamarca
115	2021/11/02	18:06:24	6,509	-73,617	106,0	1,3	Santa Helena del Opón, Santander
116	2021/11/02	18:43:46	6,84	-73,183	128,0	1,5	Zapatoca, Santander
117	2021/11/02	19:08:17	6,791	-73,213	140,0	3,9	Zapatoca, Santander
118	2021/11/02	19:31:11	5,698	-74,439	31,0	1,5	Yacopí, Cundinamarca
119	2021/11/02	19:35:42	4,256	-76,489	80,0	1,2	Bolívar, Valle del Cauca
120	2021/11/02	19:42:44	10,86	-73,529	60,0	1,6	Dibulla, la Guajira
121	2021/11/02	20:06:42	6,715	-73,21	125,0	1,7	Barichara, Santander
122	2021/11/02	20:12:28	5,87	-73,915	109,0	1,4	Sucre, Santander
123	2021/11/02	20:45:26	6,967	-76,728	19,0	2,0	Murindó, Antioquia
124	2021/11/02	21:14:33	6,778	-73,22	141,0	3,2	Zapatoca, Santander
125	2021/11/02	21:18:35	6,766	-73,159	137,0	2,2	Los Santos, Santander
126	2021/11/02	21:30:32	3,944	-76,687	49,0	2,4	Calima (El Darién), Valle del Cauca
127	2021/11/02	22:42:39	4,649	-75,499	8,0	1,0	Salento, Quindío
128	2021/11/02	22:44:44	4,64	-75,491	10,0	1,0	Salento, Quindío
129	2021/11/02	22:45:39	6,783	-73,187	133,0	1,6	Los Santos, Santander
130	2021/11/02	22:57:03	6,774	-73,152	135,0	1,5	Los Santos, Santander
131	2021/11/02	23:07:12	5,817	-74,848	21,0	1,0	Sonsón, Antioquia
132	2021/11/02	23:17:09	4,711	-76,173	93,0	1,7	Argelia, Valle del Cauca
133	2021/11/02	23:30:37	3,626	-74,041	22,0	1,3	Lejanías, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
134	2021/11/02	23:43:40	6,733	-73,168	136,0	2,3	Villanueva, Santander
135	2021/11/03	00:10:40	6,799	-73,194	143,0	3,7	Los Santos, Santander
136	2021/11/03	00:16:32	7,373	-73,187	129,0	1,9	Rionegro, Santander
137	2021/11/03	00:18:49	7,455	-78,192	13,0	2,1	Panamá
138	2021/11/03	00:41:51	6,311	-76,664	3,0	1,4	Vigia del Fuerte, Antioquia
139	2021/11/03	00:47:44	6,965	-76,648	81,0	2,0	Murindó, Antioquia
140	2021/11/03	00:58:23	6,814	-73,224	144,0	3,4	Zapatoca, Santander
141	2021/11/03	02:01:40	6,802	-73,199	145,0	1,6	Zapatoca, Santander
142	2021/11/03	02:10:03	6,754	-73,167	144,0	2,1	Los Santos, Santander
143	2021/11/03	02:31:32	3,346	-74,742	13,0	1,3	Colombia, Huila
144	2021/11/03	02:35:30	6,819	-73,216	150,0	1,6	Zapatoca, Santander
145	2021/11/03	03:46:23	2,969	-74,801	21,0	1,4	Uribe, Meta
146	2021/11/03	03:55:56	1,696	-78,28	81,0	2,6	Roberto Payán (San José), Nariño
147	2021/11/03	04:25:09	7,061	-73,418	115,0	1,5	Betulia, Santander
148	2021/11/03	04:37:30	5,516	-74,486	16,0	1,0	Caparrapí, Cundinamarca
149	2021/11/03	05:19:56	6,83	-73,223	146,0	1,7	Zapatoca, Santander
150	2021/11/03	05:34:27	6,769	-73,142	138,0	2,1	Los Santos, Santander
151	2021/11/03	06:22:55	2,155	-75,608	28,0	1,1	Garzón, Huila
152	2021/11/03	06:27:16	8,807	-77,08	25,0	1,7	Mar Caribe
153	2021/11/03	06:32:41	6,762	-73,176	129,0	1,7	Los Santos, Santander
154	2021/11/03	06:48:30	6,82	-73,144	148,0	1,7	Los Santos, Santander
155	2021/11/03	07:02:17	6,797	-73,153	140,0	1,7	Los Santos, Santander
156	2021/11/03	07:35:05	6,792	-73,214	142,0	1,9	Zapatoca, Santander
157	2021/11/03	07:48:56	4,641	-75,513	13,0	1,4	Salento, Quindío
158	2021/11/03	08:05:25	6,741	-73,116	136,0	1,6	Los Santos, Santander
159	2021/11/03	08:22:49	7,573	-73,433	115,0	1,3	La Esperanza, Norte de Santander
160	2021/11/03	09:12:16	1,992	-75,854	29,0	1,6	Timaná, Huila
161	2021/11/03	09:21:05	6,613	-72,992	133,0	1,9	Curití, Santander
162	2021/11/03	09:32:04	1,868	-76,148	85,0	1,0	Pitalito, Huila
163	2021/11/03	09:32:23	9,741	-73,317	0,0	1,1	Becerrill, Cesar
164	2021/11/03	09:42:47	11,771	-73,305	25,0	1,5	Mar Caribe
165	2021/11/03	10:56:52	7,156	-77,179	59,0	2,1	Riosucio, Chocó
166	2021/11/03	11:09:13	2,719	-76,585	26,0	0,4	Morales, Cauca
167	2021/11/03	11:49:31	5,225	-73,743	125,0	1,7	Cucunubá, Cundinamarca
168	2021/11/03	12:21:07	6,972	-73,164	135,0	1,8	Girón, Santander
169	2021/11/03	12:28:12	6,759	-73,173	142,0	1,5	Los Santos, Santander
170	2021/11/03	12:37:33	4,311	-76,382	108,0	1,8	Bolívar, Valle del Cauca
171	2021/11/03	13:09:55	6,884	-73,768	96,0	1,7	Barrancabermeja, Santander
172	2021/11/03	14:25:25	5,259	-74,521	28,0	1,3	Caparrapí, Cundinamarca
173	2021/11/03	14:54:22	6,771	-73,201	133,0	2,1	Zapatoca, Santander
174	2021/11/03	15:09:56	6,742	-73,192	133,0	2,4	Villanueva, Santander
175	2021/11/03	15:35:20	4,797	-75,195	19,0	1,5	Murillo, Tolima
176	2021/11/03	16:33:17	6,738	-73,038	133,0	1,8	Aratoca, Santander
177	2021/11/03	16:36:59	5,302	-73,743	131,0	2,0	Lenguazaque, Cundinamarca
178	2021/11/03	16:53:52	2,335	-75,564	21,0	1,4	Gigante, Huila
179	2021/11/03	17:03:53	9,534	-73,554	19,0	2,1	Chiriguaná, Cesar

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
180	2021/11/03	17:20:06	4,69	-76,109	76,0	1,5	Argelia, Valle del Cauca
181	2021/11/03	17:27:36	6,574	-73,12	116,0	2,1	San Gil, Santander
182	2021/11/03	18:02:40	6,809	-73,23	124,0	1,7	Zapatoca, Santander
183	2021/11/03	19:05:53	6,604	-73,863	81,0	2,1	Puerto Parra, Santander
184	2021/11/03	19:11:22	6,711	-73,214	132,0	2,2	Barichara, Santander
185	2021/11/03	20:33:33	6,715	-73,218	132,0	1,9	Barichara, Santander
186	2021/11/03	21:01:24	10,299	-73,604	78,0	2,7	Valledupar, Cesar
187	2021/11/03	22:03:24	4,632	-75,455	0,0	1,1	Salento, Quindío
188	2021/11/03	22:05:55	4,636	-75,497	10,0	1,1	Salento, Quindío
189	2021/11/03	22:07:46	4,625	-75,493	9,0	1,3	Salento, Quindío
190	2021/11/03	22:49:57	6,669	-73,176	123,0	1,8	Villanueva, Santander
191	2021/11/03	23:30:40	1,955	-76,801	16,0	2,1	Almaguer, Cauca
192	2021/11/03	23:42:12	6,676	-73,155	128,0	2,3	Villanueva, Santander
193	2021/11/03	23:56:59	5,689	-73,994	90,0	1,3	Pauna, Boyacá
194	2021/11/04	00:04:51	5,724	-75,882	42,0	1,6	Andes, Antioquia
195	2021/11/04	00:54:44	7,312	-72,841	40,0	1,6	Vetas, Santander
196	2021/11/04	00:58:51	6,749	-73,159	134,0	1,9	Los Santos, Santander
197	2021/11/04	01:40:12	7,063	-73,099	90,0	1,6	Floridablanca, Santander
198	2021/11/04	01:48:10	6,949	-73,189	142,0	1,4	Girón, Santander
199	2021/11/04	01:52:06	7,308	-74,195	0,0	1,4	San Pablo, Bolívar
200	2021/11/04	01:58:20	5,305	-73,781	146,0	2,9	Ubaté, Cundinamarca
201	2021/11/04	02:12:08	5,094	-74,567	28,0	1,1	Guaduas, Cundinamarca
202	2021/11/04	02:21:15	6,79	-73,186	140,0	1,6	Los Santos, Santander
203	2021/11/04	02:44:39	5,3	-76,813	32,0	2,0	El Cantón del San Pablo (Managrú), Chocó
204	2021/11/04	02:45:00	6,728	-73,141	132,0	2,0	Jordán, Santander
205	2021/11/04	02:48:09	2,652	-75,093	28,0	3,1	San Vicente del Caguán, Caquetá
206	2021/11/04	03:08:32	6,73	-73,119	141,0	1,7	Los Santos, Santander
207	2021/11/04	03:54:24	6,801	-73,182	146,0	1,7	Los Santos, Santander
208	2021/11/04	04:20:59	2,439	-75,932	19,0	1,2	La Plata, Huila
209	2021/11/04	04:51:36	5,689	-73,977	100,0	1,7	Pauna, Boyacá
210	2021/11/04	05:06:12	6,69	-73,099	128,0	1,7	Curití, Santander
211	2021/11/04	05:21:46	6,745	-73,09	137,0	2,1	Los Santos, Santander
212	2021/11/04	05:46:18	1,817	-76,048	23,0	1,0	Pitalito, Huila
213	2021/11/04	05:48:41	3,946	-73,677	20,0	1,6	Acacías, Meta
214	2021/11/04	06:32:55	6,263	-73,0	66,0	1,5	Coromoro, Santander
215	2021/11/04	06:35:58	6,602	-76,914	5,0	1,6	Bojayá (Bellavista), Chocó
216	2021/11/04	06:49:22	6,73	-73,131	140,0	1,7	Los Santos, Santander
217	2021/11/04	07:13:04	6,745	-73,15	118,0	1,9	Los Santos, Santander
218	2021/11/04	08:16:50	3,706	-76,968	32,0	1,9	Buenaventura, Valle del Cauca
219	2021/11/04	08:50:03	6,715	-73,12	124,0	1,7	Jordán, Santander
220	2021/11/04	08:52:18	1,891	-75,939	35,0	1,0	Timaná, Huila
221	2021/11/04	09:08:21	6,711	-73,146	128,0	1,8	Jordán, Santander
222	2021/11/04	09:24:58	6,83	-73,107	143,0	1,7	Los Santos, Santander
223	2021/11/04	09:27:11	11,836	-73,4	11,0	1,9	Mar Caribe
224	2021/11/04	09:27:34	6,45	-73,403	159,0	1,8	Simacota, Santander
225	2021/11/04	09:45:13	6,699	-73,141	126,0	1,6	Jordán, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
226	2021/11/04	10:14:43	5,768	-75,491	4,0	0,9	Abejorral, Antioquia
227	2021/11/04	10:20:32	7,698	-73,249	131,0	1,5	Cáchira, Norte de Santander
228	2021/11/04	11:42:40	6,797	-73,125	16,0	1,8	Los Santos, Santander
229	2021/11/04	11:53:01	2,812	-76,947	84,0	1,2	López, Cauca
230	2021/11/04	12:00:25	6,796	-73,145	141,0	1,8	Los Santos, Santander
231	2021/11/04	12:04:53	6,771	-73,133	132,0	1,8	Los Santos, Santander
232	2021/11/04	12:35:15	6,724	-73,137	133,0	2,0	Jordán, Santander
233	2021/11/04	12:52:53	6,768	-73,118	151,0	1,8	Los Santos, Santander
234	2021/11/04	13:25:10	2,001	-75,927	19,0	1,1	Elías, Huila
235	2021/11/04	14:34:33	6,814	-73,2	124,0	1,6	Zapatoca, Santander
236	2021/11/04	14:45:44	6,767	-73,185	141,0	2,6	Los Santos, Santander
237	2021/11/04	14:51:45	5,669	-74,403	26,0	2,3	Yacopí, Cundinamarca
238	2021/11/04	15:14:14	2,91	-76,926	76,0	1,2	López, Cauca
239	2021/11/04	15:24:29	6,539	-73,552	94,0	1,6	El Carmen, Santander
240	2021/11/04	15:29:09	7,393	-76,167	18,0	1,7	Tierralta, Córdoba
241	2021/11/04	15:34:13	6,987	-78,077	18,0	2,6	Sur de Panamá
242	2021/11/04	15:51:45	6,811	-73,497	100,0	2,0	San Vicente de Chucurí, Santander
243	2021/11/04	17:26:03	4,644	-75,491	8,0	1,2	Salento, Quindío
244	2021/11/04	18:36:41	11,16	-74,13	17,0	1,6	Santa Marta, Magdalena
245	2021/11/04	18:55:32	5,958	-73,573	103,0	1,6	San José de Pare, Boyacá
246	2021/11/04	19:27:35	2,805	-76,96	87,0	1,4	López, Cauca
247	2021/11/04	19:46:54	6,728	-73,218	137,0	2,0	Barichara, Santander
248	2021/11/04	19:57:01	6,794	-73,222	134,0	1,6	Zapatoca, Santander
249	2021/11/04	20:32:01	3,47	-74,186	8,0	1,4	Mesetas, Meta
250	2021/11/04	20:53:28	7,314	-74,182	1,0	1,1	San Pablo, Bolívar
251	2021/11/04	21:19:11	6,786	-73,2	137,0	1,8	Los Santos, Santander
252	2021/11/04	21:34:21	7,852	-73,389	109,0	1,3	San Alberto, Cesar
253	2021/11/04	22:06:48	9,402	-72,907	1,0	1,8	Venezuela
254	2021/11/04	22:12:23	6,783	-73,202	130,0	1,6	Zapatoca, Santander
255	2021/11/04	22:25:40	7,245	-78,236	13,0	2,9	Panamá
256	2021/11/04	22:56:26	8,456	-74,52	94,0	1,4	Achí, Bolívar
257	2021/11/04	23:21:13	6,78	-76,216	0,0	1,3	Frontino, Antioquia
258	2021/11/04	23:40:35	6,775	-73,231	122,0	1,8	Zapatoca, Santander
259	2021/11/05	00:29:17	5,145	-73,83	158,0	1,4	Suesca, Cundinamarca
260	2021/11/05	00:34:08	5,734	-75,878	55,0	1,5	Andes, Antioquia
261	2021/11/05	00:47:37	1,626	-76,454	32,0	1,3	Santa Rosa, Cauca
262	2021/11/05	02:17:48	6,673	-73,15	134,0	1,9	Villanueva, Santander
263	2021/11/05	03:03:18	5,512	-76,034	100,0	1,2	Mistrató, Risaralda
264	2021/11/05	03:04:12	6,711	-73,21	133,0	1,8	Barichara, Santander
265	2021/11/05	03:28:35	6,982	-72,932	195,0	1,8	Piedecuesta, Santander
266	2021/11/05	04:13:47	2,138	-78,887	0,0	4,1	Océano Pacífico
267	2021/11/05	05:52:51	9,671	-72,826	10,0	1,6	Venezuela
268	2021/11/05	05:58:27	5,412	-73,778	131,0	1,7	Fúquene, Cundinamarca
269	2021/11/05	06:24:24	6,605	-73,401	111,0	1,2	Hato, Santander
270	2021/11/05	06:31:10	7,548	-73,628	114,0	1,2	Sabana de Torres, Santander
271	2021/11/05	06:39:42	7,288	-77,917	14,0	2,1	Panamá-Colombia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
272	2021/11/05	06:55:07	6,814	-73,142	134,0	1,6	Los Santos, Santander
273	2021/11/05	07:31:13	3,312	-77,005	29,0	1,8	Buenaventura, Valle del Cauca
274	2021/11/05	07:43:29	1,863	-79,14	0,0	2,1	Océano Pacífico
275	2021/11/05	07:59:23	6,532	-73,479	113,0	1,7	Simacota, Santander
276	2021/11/05	08:15:42	6,984	-73,369	5,0	1,0	Zapatoca, Santander
277	2021/11/05	08:40:39	7,038	-73,322	125,0	2,0	Girón, Santander
278	2021/11/05	08:48:31	6,891	-73,429	96,0	1,2	San Vicente de Chucurí, Santander
279	2021/11/05	09:36:50	4,124	-75,508	25,0	1,6	Roncesvalles, Tolima
280	2021/11/05	09:57:26	6,7	-73,22	155,0	1,5	Barichara, Santander
281	2021/11/05	10:40:25	4,515	-75,9	45,0	1,3	La Victoria, Valle del Cauca
282	2021/11/05	11:10:07	6,817	-73,141	146,0	2,1	Los Santos, Santander
283	2021/11/05	12:00:12	6,741	-73,154	133,0	1,8	Los Santos, Santander
284	2021/11/05	12:32:22	6,732	-73,124	134,0	1,9	Los Santos, Santander
285	2021/11/05	12:38:23	6,97	-73,416	29,0	1,6	Zapatoca, Santander
286	2021/11/05	13:05:23	6,781	-73,141	152,0	2,0	Los Santos, Santander
287	2021/11/05	13:41:48	5,722	-75,89	51,0	1,0	Betania, Antioquia
288	2021/11/05	13:52:05	3,503	-74,207	12,0	2,2	Mesetas, Meta
289	2021/11/05	14:13:37	7,219	-72,25	24,0	1,7	Toledo, Norte de Santander
290	2021/11/05	14:40:34	6,595	-73,466	114,0	1,2	El Carmen, Santander
291	2021/11/05	15:22:11	5,764	-75,48	1,0	1,3	Abejorral, Antioquia
292	2021/11/05	15:23:08	5,775	-75,468	3,0	1,2	Abejorral, Antioquia
293	2021/11/05	15:25:40	8,309	-75,994	76,0	1,8	Tierralta, Córdoba
294	2021/11/05	15:25:45	6,609	-76,591	16,0	1,5	Vigia del Fuerte, Antioquia
295	2021/11/05	15:45:55	6,87	-73,219	90,0	1,7	Zapatoca, Santander
296	2021/11/05	16:52:19	6,727	-73,155	134,0	2,5	Villanueva, Santander
297	2021/11/05	17:04:01	6,714	-73,185	127,0	2,2	Villanueva, Santander
298	2021/11/05	17:31:22	9,872	-73,591	0,0	2,2	Valledupar, Cesar
299	2021/11/05	17:36:31	4,921	-74,763	38,0	1,1	Ambalema, Tolima
300	2021/11/05	17:41:52	3,872	-71,516	4,0	2,1	Puerto Gaitán, Meta
301	2021/11/05	17:46:18	4,901	-76,349	73,0	1,4	San José del Palmar, Chocó
302	2021/11/05	18:03:12	7,298	-73,448	112,0	2,1	Sabana de Torres, Santander
303	2021/11/05	18:33:58	7,506	-73,087	0,0	1,4	El Playón, Santander
304	2021/11/05	19:01:11	7,584	-76,528	40,0	2,5	Chigorodó, Antioquia
305	2021/11/05	19:03:00	11,48	-71,961	50,0	1,9	Cerca de la Costa de Venezuela
306	2021/11/05	19:04:27	5,298	-73,749	138,0	2,6	Lenguazaque, Cundinamarca
307	2021/11/05	19:38:12	7,445	-74,567	59,0	3,0	Santa Rosa del Sur, Bolívar
308	2021/11/05	19:45:26	6,939	-73,342	81,0	1,2	Betulia, Santander
309	2021/11/05	20:29:32	4,632	-75,56	16,0	1,6	Salento, Quindío
310	2021/11/05	22:09:02	4,917	-74,64	42,0	1,7	Chaguaní, Cundinamarca
311	2021/11/05	22:16:22	6,897	-73,342	126,0	1,6	San Vicente de Chucurí, Santander
312	2021/11/05	22:41:22	3,38	-76,911	63,0	1,7	Buenaventura, Valle del Cauca
313	2021/11/05	23:22:45	6,728	-73,197	120,0	2,3	Villanueva, Santander
314	2021/11/05	23:43:13	8,716	-77,376	11,0	1,6	Panamá-Colombia
315	2021/11/05	23:49:01	6,69	-73,227	122,0	1,8	Barichara, Santander
316	2021/11/06	00:17:53	6,79	-73,134	148,0	1,6	Los Santos, Santander
317	2021/11/06	00:54:18	11,02	-73,837	58,0	1,4	Santa Marta, Magdalena

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
318	2021/11/06	01:18:45	1,979	-75,891	27,0	2,7	Timaná, Huila
319	2021/11/06	01:27:53	6,799	-73,195	140,0	1,5	Los Santos, Santander
320	2021/11/06	03:57:36	6,799	-73,222	135,0	1,6	Zapatoca, Santander
321	2021/11/06	05:19:49	5,358	-73,926	117,0	1,9	Carmen de Carupa, Cundinamarca
322	2021/11/06	05:38:31	10,029	-74,595	30,0	1,9	Chivolo, Magdalena
323	2021/11/06	05:47:49	6,681	-73,258	156,0	1,8	Galán, Santander
324	2021/11/06	06:05:02	6,787	-73,124	147,0	1,8	Los Santos, Santander
325	2021/11/06	06:30:22	6,707	-73,15	137,0	1,9	Villanueva, Santander
326	2021/11/06	06:46:28	6,387	-72,646	196,0	1,3	Boavita, Boyacá
327	2021/11/06	07:09:32	6,852	-73,104	140,0	1,7	Los Santos, Santander
328	2021/11/06	07:15:25	7,485	-75,245	43,0	1,5	Cáceres, Antioquia
329	2021/11/06	07:28:54	6,874	-73,122	122,0	1,6	Los Santos, Santander
330	2021/11/06	07:42:17	7,392	-73,255	126,0	1,3	Rionegro, Santander
331	2021/11/06	07:49:59	6,966	-73,025	172,0	1,7	Piedecuesta, Santander
332	2021/11/06	07:52:33	6,715	-73,167	132,0	1,7	Villanueva, Santander
333	2021/11/06	08:19:23	3,4	-74,179	16,0	1,7	Mesetas, Meta
334	2021/11/06	08:26:14	4,366	-75,862	149,0	1,9	Sevilla, Valle del Cauca
335	2021/11/06	08:36:09	6,795	-73,132	144,0	2,5	Los Santos, Santander
336	2021/11/06	09:08:54	2,051	-77,235	118,0	1,3	Balboa, Cauca
337	2021/11/06	09:49:49	6,834	-73,214	133,0	1,8	Zapatoca, Santander
338	2021/11/06	11:11:49	8,662	-77,475	43,0	1,8	Panamá-Colombia
339	2021/11/06	13:48:42	11,813	-73,363	0,0	1,9	Mar Caribe
340	2021/11/06	14:01:54	3,375	-76,954	96,0	1,9	Buenaventura, Valle del Cauca
341	2021/11/06	14:56:39	6,694	-73,21	123,0	1,7	Barichara, Santander
342	2021/11/06	16:06:52	6,814	-73,066	128,0	2,2	Los Santos, Santander
343	2021/11/06	16:11:01	7,038	-73,367	2,0	2,1	Betulia, Santander
344	2021/11/06	16:35:48	5,955	-73,739	97,0	1,8	Guavatá, Santander
345	2021/11/06	16:39:37	3,501	-74,198	12,0	1,4	Mesetas, Meta
346	2021/11/06	17:33:49	4,809	-74,625	46,0	2,1	San Juan de Rioseco, Cundinamarca
347	2021/11/06	18:14:35	11,47	-74,128	20,0	1,9	Mar Caribe
348	2021/11/06	18:17:56	7,305	-72,654	152,0	1,9	Cácota, Norte de Santander
349	2021/11/06	18:49:36	6,553	-73,573	97,0	1,4	El Carmen, Santander
350	2021/11/06	19:19:47	6,26	-73,218	167,0	1,9	Oiba, Santander
351	2021/11/06	19:26:57	4,981	-76,266	4,0	1,7	San José del Palmar, Chocó
352	2021/11/06	19:44:58	6,784	-73,172	138,0	2,8	Los Santos, Santander
353	2021/11/06	20:11:21	6,686	-73,231	121,0	1,7	Barichara, Santander
354	2021/11/06	20:17:09	4,512	-76,038	111,0	2,2	La Victoria, Valle del Cauca
355	2021/11/06	20:41:03	11,804	-73,359	16,0	1,8	Mar Caribe
356	2021/11/06	21:00:17	6,829	-73,39	115,0	1,5	San Vicente de Chucurí, Santander
357	2021/11/06	21:00:41	4,562	-76,284	106,0	3,1	El Dovio, Valle del Cauca
358	2021/11/06	21:14:54	8,657	-73,028	139,0	1,9	El Tarra, Norte de Santander
359	2021/11/06	21:40:05	6,898	-73,178	129,0	1,5	Girón, Santander
360	2021/11/06	22:08:07	6,769	-73,175	136,0	2,2	Los Santos, Santander
361	2021/11/06	22:42:45	6,887	-73,238	132,0	1,9	Zapatoca, Santander
362	2021/11/06	22:43:30	6,797	-73,215	143,0	1,7	Zapatoca, Santander
363	2021/11/06	22:52:35	3,434	-74,175	14,0	1,4	Mesetas, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
364	2021/11/06	22:54:46	6,758	-73,197	128,0	1,9	Villanueva, Santander
365	2021/11/07	00:16:00	6,266	-73,79	95,0	1,8	Landázuri, Santander
366	2021/11/07	00:26:31	7,202	-72,93	95,0	1,7	Tona, Santander
367	2021/11/07	01:03:11	6,754	-73,184	135,0	1,8	Villanueva, Santander
368	2021/11/07	01:22:35	5,669	-72,61	16,0	1,7	Mongua, Boyacá
369	2021/11/07	01:30:50	5,517	-73,842	114,0	1,6	Simijaca, Cundinamarca
370	2021/11/07	01:33:40	6,66	-73,598	101,0	1,2	El Carmen, Santander
371	2021/11/07	01:40:30	6,806	-73,273	121,0	1,4	Zapatoca, Santander
372	2021/11/07	01:40:49	6,87	-73,242	127,0	1,5	Zapatoca, Santander
373	2021/11/07	01:58:30	10,62	-72,646	23,0	1,5	Venezuela
374	2021/11/07	02:06:20	3,588	-74,444	29,0	2,7	Uribe, Meta
375	2021/11/07	03:02:44	6,616	-76,739	0,0	1,8	Vigia del Fuerte, Antioquia
376	2021/11/07	03:57:40	6,005	-75,64	21,0	1,1	Caldas, Antioquia
377	2021/11/07	04:02:29	6,775	-73,151	140,0	1,6	Los Santos, Santander
378	2021/11/07	04:05:12	6,686	-73,18	129,0	1,7	Villanueva, Santander
379	2021/11/07	04:37:10	2,756	-75,33	22,0	1,3	Campoalegre, Huila
380	2021/11/07	05:12:35	7,289	-77,401	50,0	2,7	Riosucio, Chocó
381	2021/11/07	05:27:49	8,988	-74,385	49,0	1,7	Hatillo de Loba, Bolívar
382	2021/11/07	05:40:49	6,799	-73,148	137,0	1,6	Los Santos, Santander
383	2021/11/07	05:48:43	6,837	-73,313	123,0	1,3	Zapatoca, Santander
384	2021/11/07	05:56:28	6,69	-73,15	130,0	1,6	Villanueva, Santander
385	2021/11/07	06:04:24	7,82	-73,292	1,0	1,9	La Esperanza, Norte de Santander
386	2021/11/07	06:29:09	3,925	-76,377	18,0	2,0	Yotoco, Valle del Cauca
387	2021/11/07	06:34:34	6,573	-73,097	19,0	1,6	Curití, Santander
388	2021/11/07	06:42:34	6,703	-73,116	122,0	1,6	Jordán, Santander
389	2021/11/07	06:57:49	5,093	-70,332	3,0	2,1	La Primavera, Vichada
390	2021/11/07	07:07:18	5,987	-76,263	66,0	1,1	Quibdó, Chocó
391	2021/11/07	07:10:13	6,862	-73,86	34,0	0,8	Simacota, Santander
392	2021/11/07	07:16:16	11,146	-72,029	2,0	1,9	Cerca de la Costa de Colombia
393	2021/11/07	09:32:12	6,665	-73,158	132,0	2,0	Villanueva, Santander
394	2021/11/07	09:37:54	7,428	-77,02	60,0	3,0	Riosucio, Chocó
395	2021/11/07	09:57:50	4,523	-76,601	45,0	2,4	Sipí, Chocó
396	2021/11/07	10:16:22	1,857	-75,988	16,0	1,0	Pitalito, Huila
397	2021/11/07	10:57:22	6,831	-72,895	182,0	1,6	Guaca, Santander
398	2021/11/07	15:04:13	6,098	-73,93	81,0	1,4	El Peñón, Santander
399	2021/11/07	15:08:57	10,439	-74,052	25,0	1,6	Aracataca, Magdalena
400	2021/11/07	15:49:23	5,221	-73,794	125,0	1,7	Cucunubá, Cundinamarca
401	2021/11/07	16:27:10	6,696	-73,165	125,0	1,8	Villanueva, Santander
402	2021/11/07	16:47:06	5,65	-73,969	103,0	2,3	Pauna, Boyacá
403	2021/11/07	16:55:22	6,772	-73,19	136,0	2,7	Los Santos, Santander
404	2021/11/07	17:13:39	6,558	-73,416	117,0	2,9	Hato, Santander
405	2021/11/07	17:16:15	6,534	-73,296	150,0	1,8	Palmar, Santander
406	2021/11/07	17:33:52	6,856	-77,807	59,0	2,4	Océano Pacífico
407	2021/11/07	17:51:59	8,175	-73,542	118,0	2,3	Rio de Oro, Cesar
408	2021/11/07	18:16:30	4,951	-75,917	97,0	1,7	Balboa, Risaralda
409	2021/11/07	18:18:15	8,007	-73,18	127,0	2,2	Ábrego, Norte de Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
410	2021/11/07	18:31:51	11,803	-73,39	21,0	2,0	Mar Caribe
411	2021/11/07	19:21:00	6,754	-73,201	124,0	1,8	Villanueva, Santander
412	2021/11/07	19:21:41	6,325	-73,575	101,0	2,7	Santa Helena del Opón, Santander
413	2021/11/07	19:27:13	3,848	-76,03	29,0	1,4	Buga, Valle del Cauca
414	2021/11/07	19:35:12	4,934	-75,522	6,0	0,9	Villamaria, Caldas
415	2021/11/07	19:39:56	6,673	-73,158	118,0	1,7	Villanueva, Santander
416	2021/11/07	20:17:18	2,427	-75,507	37,0	1,2	Gigante, Huila
417	2021/11/07	20:21:20	6,715	-73,223	116,0	1,9	Barichara, Santander
418	2021/11/07	20:47:56	6,792	-73,197	120,0	2,0	Los Santos, Santander
419	2021/11/07	21:02:01	1,729	-77,98	92,0	2,0	Barbacoas, Nariño
420	2021/11/07	21:18:55	6,966	-73,65	90,0	1,3	San Vicente de Chucurí, Santander
421	2021/11/07	21:22:03	6,732	-73,214	123,0	1,7	Villanueva, Santander
422	2021/11/07	21:41:29	7,602	-74,993	42,0	1,5	Caucasia, Antioquia
423	2021/11/07	22:36:41	7,036	-73,275	116,0	1,7	Girón, Santander
424	2021/11/07	23:48:00	7,786	-73,345	118,0	1,7	La Esperanza, Norte de Santander
425	2021/11/08	00:29:36	5,611	-74,312	84,0	1,3	Yacopí, Cundinamarca
426	2021/11/08	00:53:51	7,025	-73,145	135,0	1,7	Girón, Santander
427	2021/11/08	00:57:37	2,692	-75,024	4,0	1,3	San Vicente del Caguán, Caquetá
428	2021/11/08	00:59:05	6,883	-76,265	0,0	1,3	Dabeiba, Antioquia
429	2021/11/08	01:29:07	6,762	-73,18	124,0	1,8	Los Santos, Santander
430	2021/11/08	01:32:20	7,295	-76,992	67,0	3,3	Riosucio, Chocó
431	2021/11/08	01:37:10	2,463	-75,561	0,0	1,2	Gigante, Huila
432	2021/11/08	02:11:09	6,694	-73,18	129,0	1,8	Villanueva, Santander
433	2021/11/08	02:31:56	6,779	-73,167	143,0	2,5	Los Santos, Santander
434	2021/11/08	02:51:06	6,703	-73,197	138,0	1,7	Barichara, Santander
435	2021/11/08	02:56:11	6,233	-73,798	1,0	1,2	Landázuri, Santander
436	2021/11/08	02:59:53	6,326	-76,612	40,0	1,9	Vigia del Fuerte, Antioquia
437	2021/11/08	03:17:14	3,457	-74,218	24,0	1,4	Mesetas, Meta
438	2021/11/08	03:29:56	4,636	-75,495	10,0	1,1	Salento, Quindío
439	2021/11/08	03:38:04	6,741	-73,171	137,0	1,9	Los Santos, Santander
440	2021/11/08	04:13:21	6,751	-73,158	138,0	1,8	Los Santos, Santander
441	2021/11/08	04:36:00	6,702	-76,552	6,0	1,6	Frontino, Antioquia
442	2021/11/08	04:36:38	3,451	-74,19	7,0	1,6	Mesetas, Meta
443	2021/11/08	04:48:30	2,13	-75,638	26,0	2,0	Garzón, Huila
444	2021/11/08	05:04:02	4,638	-75,514	12,0	1,1	Salento, Quindío
445	2021/11/08	05:21:13	6,351	-74,45	28,0	0,7	Puerto Berrío, Antioquia
446	2021/11/08	05:32:24	6,995	-72,186	22,0	2,3	Cubará, Boyacá
447	2021/11/08	05:55:59	6,783	-73,171	143,0	2,1	Los Santos, Santander
448	2021/11/08	06:03:53	2,927	-78,71	20,0	2,0	Océano Pacífico
449	2021/11/08	06:11:17	3,643	-74,235	13,0	1,4	Lejanías, Meta
450	2021/11/08	06:18:38	2,689	-75,107	20,0	1,9	San Vicente del Caguán, Caquetá
451	2021/11/08	06:25:28	6,918	-73,895	59,0	1,2	Barrancabermeja, Santander
452	2021/11/08	06:57:56	8,757	-77,241	28,0	1,6	Mar Caribe
453	2021/11/08	07:10:04	5,743	-77,5	0,0	2,4	Océano Pacífico
454	2021/11/08	07:41:00	6,772	-73,123	141,0	2,1	Los Santos, Santander
455	2021/11/08	07:54:36	7,506	-75,195	42,0	1,3	Cáceres, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
456	2021/11/08	09:16:14	6,732	-73,129	134,0	1,7	Los Santos, Santander
457	2021/11/08	10:01:00	5,311	-73,744	143,0	2,0	Lenguazaque, Cundinamarca
458	2021/11/08	10:21:57	2,834	-74,857	19,0	1,1	San Vicente del Caguán, Caquetá
459	2021/11/08	10:31:24	4,202	-83,024	0,0	2,8	Océano Pacífico
460	2021/11/08	10:56:06	1,969	-79,255	0,0	2,4	Océano Pacífico
461	2021/11/08	11:19:40	3,711	-77,156	22,0	1,7	Buenaventura, Valle del Cauca
462	2021/11/08	11:23:25	1,897	-79,271	5,0	3,1	Océano Pacífico
463	2021/11/08	12:45:19	6,795	-73,153	144,0	3,0	Los Santos, Santander
464	2021/11/08	12:53:37	6,526	-73,506	105,0	1,5	El Carmen, Santander
465	2021/11/08	13:07:19	3,684	-77,9	37,0	2,1	Océano Pacífico
466	2021/11/08	13:13:04	6,88	-73,174	144,0	1,8	Zapatoca, Santander
467	2021/11/08	14:56:11	6,749	-73,18	128,0	1,8	Villanueva, Santander
468	2021/11/08	15:11:52	9,4	-73,997	81,0	1,8	Astrea, Cesar
469	2021/11/08	15:59:20	6,767	-73,14	136,0	2,4	Los Santos, Santander
470	2021/11/08	16:04:23	5,843	-73,932	106,0	1,2	La Belleza, Santander
471	2021/11/08	16:14:47	9,647	-73,929	23,0	1,4	Pijíño del Carmen, Magdalena
472	2021/11/08	16:49:09	6,83	-76,189	0,0	1,6	Frontino, Antioquia
473	2021/11/08	17:05:55	4,463	-76,165	96,0	1,7	Roldanillo, Valle del Cauca
474	2021/11/08	17:14:29	2,117	-74,735	16,0	1,9	San Vicente del Caguán, Caquetá
475	2021/11/08	17:22:11	2,736	-77,256	103,0	1,2	El Tambo, Cauca
476	2021/11/08	18:15:15	3,27	-76,535	147,0	1,5	Jamundí, Valle del Cauca
477	2021/11/08	18:45:44	6,897	-73,412	109,0	1,4	San Vicente de Chucurí, Santander
478	2021/11/08	18:56:59	6,737	-73,12	142,0	2,1	Los Santos, Santander
479	2021/11/08	19:04:37	2,519	-75,379	27,0	1,4	Campoalegre, Huila
480	2021/11/08	19:29:53	3,514	-74,22	3,0	1,5	Mesetas, Meta
481	2021/11/08	19:34:09	6,089	-73,483	106,0	1,7	Santana, Boyacá
482	2021/11/08	19:47:55	6,804	-73,167	147,0	1,7	Los Santos, Santander
483	2021/11/08	20:18:50	6,271	-73,047	159,0	1,9	Coromoro, Santander
484	2021/11/08	20:38:51	6,72	-73,158	134,0	2,0	Villanueva, Santander
485	2021/11/08	20:45:15	5,707	-74,008	95,0	1,8	Pauna, Boyacá
486	2021/11/08	20:52:54	6,783	-73,142	142,0	1,4	Los Santos, Santander
487	2021/11/08	21:01:09	7,233	-77,108	40,0	3,0	Riosucio, Chocó
488	2021/11/08	21:24:06	2,316	-75,706	32,0	1,3	Agrado, Huila
489	2021/11/08	21:47:30	6,817	-73,189	146,0	1,6	Zapatoca, Santander
490	2021/11/08	21:58:29	6,711	-73,133	137,0	2,0	Jordán, Santander
491	2021/11/08	23:44:07	6,73	-73,148	132,0	1,8	Villanueva, Santander
492	2021/11/09	00:09:36	6,83	-73,164	138,0	1,6	Los Santos, Santander
493	2021/11/09	01:02:20	6,772	-73,187	144,0	3,6	Los Santos, Santander
494	2021/11/09	02:24:35	6,8	-73,154	145,0	1,9	Los Santos, Santander
495	2021/11/09	02:38:36	10,25	-72,514	28,0	1,8	Venezuela
496	2021/11/09	03:09:15	6,753	-73,157	143,0	2,7	Los Santos, Santander
497	2021/11/09	03:24:57	3,27	-74,426	58,0	1,4	Uribe, Meta
498	2021/11/09	03:53:52	6,679	-73,191	141,0	1,9	Barichara, Santander
499	2021/11/09	04:26:46	6,657	-72,046	14,0	1,6	Fortul, Arauca
500	2021/11/09	05:53:02	6,551	-72,209	19,0	1,5	Guicán, Boyacá
501	2021/11/09	07:07:05	6,113	-73,434	19,0	1,3	Suaita, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
502	2021/11/09	08:20:57	3,269	-77,043	57,0	0,9	Buenaventura, Valle del Cauca
503	2021/11/09	08:38:09	8,883	-73,282	127,0	1,8	El Carmen, Norte de Santander
504	2021/11/09	09:06:05	4,198	-75,406	10,0	1,2	Rovira, Tolima
505	2021/11/09	09:45:22	6,61	-73,347	108,0	1,6	Hato, Santander
506	2021/11/09	10:00:19	6,848	-73,548	85,0	1,2	San Vicente de Chucurí, Santander
507	2021/11/09	10:14:46	3,123	-76,559	129,0	1,5	Jamundí, Valle del Cauca
508	2021/11/09	10:26:45	11,211	-72,573	62,0	1,5	Albania, la Guajira
509	2021/11/09	10:51:47	5,742	-73,898	95,0	1,6	Albania, Santander
510	2021/11/09	11:31:57	6,794	-73,127	143,0	1,8	Los Santos, Santander
511	2021/11/09	12:28:16	6,874	-73,2	148,0	1,9	Zapatoca, Santander
512	2021/11/09	12:55:34	5,697	-73,976	98,0	1,7	Pauna, Boyacá
513	2021/11/09	13:08:08	6,741	-73,163	126,0	1,9	Los Santos, Santander
514	2021/11/09	13:51:17	5,856	-73,77	106,0	1,4	Jesús María, Santander
515	2021/11/09	14:15:27	3,006	-74,754	29,0	1,5	Uribe, Meta
516	2021/11/09	14:28:55	6,741	-73,133	122,0	2,0	Los Santos, Santander
517	2021/11/09	15:13:58	5,749	-75,916	56,0	1,9	Betania, Antioquia
518	2021/11/09	15:17:15	6,803	-73,177	146,0	4,2	Los Santos, Santander
519	2021/11/09	16:12:01	6,789	-73,168	132,0	2,0	Los Santos, Santander
520	2021/11/09	16:40:31	6,778	-73,168	136,0	3,1	Los Santos, Santander
521	2021/11/09	18:24:06	5,238	-73,803	134,0	1,5	Cucunubá, Cundinamarca
522	2021/11/09	19:39:06	2,106	-75,77	28,0	0,9	Altamira, Huila
523	2021/11/09	19:50:59	10,354	-73,71	44,0	1,4	Pueblo Bello, Cesar
524	2021/11/09	20:33:57	6,792	-73,177	147,0	1,7	Los Santos, Santander
525	2021/11/09	21:39:09	6,795	-73,155	133,0	2,9	Los Santos, Santander
526	2021/11/09	21:46:18	8,261	-73,016	149,0	1,8	Ábrego, Norte de Santander
527	2021/11/09	22:03:09	6,817	-73,204	147,0	1,8	Zapatoca, Santander
528	2021/11/09	22:10:00	6,786	-73,155	142,0	1,5	Los Santos, Santander
529	2021/11/09	22:37:37	6,806	-73,15	149,0	1,6	Los Santos, Santander
530	2021/11/09	22:40:01	6,797	-73,172	144,0	1,9	Los Santos, Santander
531	2021/11/09	22:53:38	3,277	-76,266	19,0	1,4	Miranda, Cauca
532	2021/11/09	23:28:44	4,561	-76,149	104,0	1,5	La Unión, Valle del Cauca
533	2021/11/09	23:32:36	5,474	-75,872	14,0	1,3	Mistrató, Risaralda
534	2021/11/10	00:10:44	12,323	-70,788	12,0	2,2	Cerca de la Costa de Venezuela
535	2021/11/10	00:22:58	6,732	-73,18	132,0	1,7	Villanueva, Santander
536	2021/11/10	00:56:29	2,646	-76,25	11,0	0,8	Silvia, Cauca
537	2021/11/10	01:16:23	2,415	-75,604	22,0	1,2	Paicol, Huila
538	2021/11/10	01:33:05	6,655	-77,011	43,0	2,4	Bojayá (Bellavista), Chocó
539	2021/11/10	02:04:27	6,622	-73,197	124,0	1,7	Barichara, Santander
540	2021/11/10	03:03:18	6,69	-73,094	140,0	1,8	Curití, Santander
541	2021/11/10	03:14:29	3,495	-74,218	13,0	2,0	Mesetas, Meta
542	2021/11/10	03:47:03	3,594	-74,388	22,0	1,5	Uribe, Meta
543	2021/11/10	04:20:26	6,792	-73,09	141,0	1,7	Los Santos, Santander
544	2021/11/10	04:38:30	6,72	-73,137	141,0	1,9	Jordán, Santander
545	2021/11/10	04:45:54	7,399	-78,532	21,0	2,0	Panamá
546	2021/11/10	04:49:55	6,754	-73,096	140,0	1,5	Los Santos, Santander
547	2021/11/10	05:34:45	1,887	-76,04	16,0	0,5	Pitalito, Huila

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
548	2021/11/10	05:37:35	6,747	-73,148	152,0	1,7	Los Santos, Santander
549	2021/11/10	05:40:16	10,555	-73,418	59,0	1,3	Valledupar, Cesar
550	2021/11/10	05:42:59	6,766	-73,18	138,0	1,9	Los Santos, Santander
551	2021/11/10	06:06:11	7,797	-74,034	81,0	1,7	Simití, Bolívar
552	2021/11/10	06:09:18	5,898	-76,074	57,0	1,0	El Carmen, Chocó
553	2021/11/10	06:22:39	2,884	-74,84	22,0	1,1	San Vicente del Caguán, Caquetá
554	2021/11/10	06:28:01	6,801	-73,233	140,0	1,6	Zapatoca, Santander
555	2021/11/10	06:41:29	2,469	-75,363	22,0	1,0	Algeciras, Huila
556	2021/11/10	07:02:01	6,796	-73,167	146,0	1,9	Los Santos, Santander
557	2021/11/10	07:12:06	6,823	-73,111	162,0	1,9	Los Santos, Santander
558	2021/11/10	08:32:48	9,284	-73,416	112,0	1,8	Curumaní, Cesar
559	2021/11/10	08:36:37	6,737	-73,107	133,0	1,9	Los Santos, Santander
560	2021/11/10	09:20:47	6,711	-73,064	137,0	2,0	Jordán, Santander
561	2021/11/10	09:51:05	6,856	-73,29	125,0	2,0	Zapatoca, Santander
562	2021/11/10	10:32:45	6,779	-73,193	135,0	1,9	Los Santos, Santander
563	2021/11/10	10:39:18	6,597	-73,568	110,0	1,7	El Carmen, Santander
564	2021/11/10	10:45:27	6,8	-73,189	140,0	2,3	Los Santos, Santander
565	2021/11/10	10:50:45	6,829	-73,16	141,0	2,5	Los Santos, Santander
566	2021/11/10	11:10:27	10,709	-73,43	75,0	1,5	Valledupar, Cesar
567	2021/11/10	11:23:18	6,403	-74,19	24,0	1,4	Cimitarra, Santander
568	2021/11/10	11:46:07	6,821	-73,141	127,0	1,7	Los Santos, Santander
569	2021/11/10	12:55:26	5,257	-73,737	135,0	2,0	Cucunubá, Cundinamarca
570	2021/11/10	13:01:18	6,819	-73,191	132,0	1,6	Zapatoca, Santander
571	2021/11/10	13:46:43	7,049	-74,612	26,0	2,3	Remedios, Antioquia
572	2021/11/10	13:58:58	3,829	-73,819	5,0	2,6	Cubarral, Meta
573	2021/11/10	14:02:55	5,535	-73,858	126,0	2,5	Caldas, Boyacá
574	2021/11/10	15:14:02	4,665	-75,528	11,0	2,2	Salento, Quindío
575	2021/11/10	15:21:51	4,617	-75,563	18,0	1,3	Salento, Quindío
576	2021/11/10	15:30:49	5,188	-78,239	41,0	1,9	Océano Pacífico
577	2021/11/10	15:54:04	4,65	-75,795	120,0	1,6	Quimbaya, Quindío
578	2021/11/10	16:42:50	11,396	-73,128	107,0	1,9	Riohacha, la Guajira
579	2021/11/10	16:58:57	11,809	-73,368	0,0	2,3	Mar Caribe
580	2021/11/10	18:28:41	2,028	-75,761	0,0	0,8	Altamira, Huila
581	2021/11/10	18:51:15	10,007	-72,87	6,0	1,5	Venezuela
582	2021/11/10	19:37:44	6,789	-73,224	140,0	1,7	Zapatoca, Santander
583	2021/11/10	20:05:49	6,777	-73,182	141,0	1,9	Los Santos, Santander
584	2021/11/10	20:14:28	5,616	-75,946	0,0	1,3	Andes, Antioquia
585	2021/11/10	20:45:53	6,763	-73,155	130,0	2,4	Los Santos, Santander
586	2021/11/10	21:06:00	2,174	-77,256	119,0	1,4	Argelia, Cauca
587	2021/11/10	22:25:12	6,732	-73,159	135,0	1,6	Villanueva, Santander
588	2021/11/10	22:50:05	3,767	-71,414	0,0	1,9	Puerto Gaitán, Meta
589	2021/11/10	22:52:54	7,895	-73,266	130,0	1,6	Ábrego, Norte de Santander
590	2021/11/10	23:51:56	3,829	-76,106	148,0	2,4	Buga, Valle del Cauca
591	2021/11/11	00:50:21	7,379	-74,199	29,0	1,4	San Pablo, Bolívar
592	2021/11/11	00:59:51	4,235	-76,744	119,0	2,2	El Litoral del San Juan (Docordó), Chocó
593	2021/11/11	01:09:24	6,37	-73,751	0,0	0,8	Landázuri, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
594	2021/11/11	01:21:57	6,644	-73,172	128,0	1,5	Villanueva, Santander
595	2021/11/11	01:22:42	6,732	-73,099	134,0	1,5	Jordán, Santander
596	2021/11/11	01:40:13	6,72	-73,167	141,0	1,7	Villanueva, Santander
597	2021/11/11	02:03:33	6,695	-73,151	133,0	2,2	Villanueva, Santander
598	2021/11/11	02:15:13	5,215	-77,573	31,0	2,3	Océano Pacífico
599	2021/11/11	02:32:02	6,715	-73,154	130,0	1,4	Villanueva, Santander
600	2021/11/11	02:36:53	7,613	-78,557	0,0	1,8	Panamá
601	2021/11/11	02:42:20	6,728	-73,159	135,0	1,7	Villanueva, Santander
602	2021/11/11	03:02:30	6,539	-73,759	96,0	1,2	Simacota, Santander
603	2021/11/11	03:13:59	6,787	-73,154	134,0	1,5	Los Santos, Santander
604	2021/11/11	04:09:05	6,783	-73,197	133,0	1,5	Los Santos, Santander
605	2021/11/11	04:26:18	3,928	-76,2	175,0	1,9	Buga, Valle del Cauca
606	2021/11/11	05:56:06	6,791	-73,199	142,0	1,6	Zapatoca, Santander
607	2021/11/11	06:05:06	6,89	-76,738	87,0	1,5	Murindó, Antioquia
608	2021/11/11	06:09:23	4,129	-76,211	82,0	1,6	Tuluá, Valle del Cauca
609	2021/11/11	06:30:08	6,581	-73,533	105,0	1,3	El Carmen, Santander
610	2021/11/11	06:36:38	6,814	-73,16	134,0	1,4	Los Santos, Santander
611	2021/11/11	06:41:36	4,333	-75,134	26,0	1,2	Ibagué, Tolima
612	2021/11/11	07:05:12	4,095	-77,68	12,0	1,9	Océano Pacífico
613	2021/11/11	07:07:50	9,506	-73,022	14,0	1,5	Norte Colombia
614	2021/11/11	07:18:53	6,748	-73,17	137,0	1,6	Los Santos, Santander
615	2021/11/11	07:44:16	6,74	-73,152	138,0	1,6	Los Santos, Santander
616	2021/11/11	08:03:12	4,628	-76,111	88,0	1,9	Toro, Valle del Cauca
617	2021/11/11	08:09:59	6,758	-73,154	128,0	1,3	Los Santos, Santander
618	2021/11/11	08:11:12	6,771	-73,197	137,0	1,8	Los Santos, Santander
619	2021/11/11	08:14:30	6,803	-74,495	20,0	1,0	Remedios, Antioquia
620	2021/11/11	08:15:17	2,587	-75,57	26,0	0,9	Yaguará, Huila
621	2021/11/11	10:22:14	7,182	-74,75	47,0	2,2	Segovia, Antioquia
622	2021/11/11	10:37:34	6,822	-73,237	143,0	2,7	Zapatoca, Santander
623	2021/11/11	11:10:34	6,754	-73,222	143,0	1,6	Zapatoca, Santander
624	2021/11/11	13:20:55	6,051	-72,602	16,0	1,3	Socotá, Boyacá
625	2021/11/11	14:05:27	2,018	-75,754	13,0	1,0	Guadalupe, Huila
626	2021/11/11	15:09:26	6,92	-72,832	13,0	1,2	Guaca, Santander
627	2021/11/11	15:34:06	6,754	-73,124	135,0	1,5	Los Santos, Santander
628	2021/11/11	15:41:26	5,572	-72,532	45,0	1,5	Labranzagrande, Boyacá
629	2021/11/11	16:10:41	2,646	-75,221	25,0	1,3	Campoalegre, Huila
630	2021/11/11	16:36:43	6,844	-73,281	146,0	1,3	Zapatoca, Santander
631	2021/11/11	16:50:33	6,711	-73,171	133,0	1,8	Villanueva, Santander
632	2021/11/11	17:12:05	5,29	-77,637	40,0	2,0	Océano Pacífico
633	2021/11/11	17:47:34	5,014	-76,181	92,0	1,7	San José del Palmar, Chocó
634	2021/11/11	17:56:02	6,791	-73,134	142,0	2,5	Los Santos, Santander
635	2021/11/11	18:30:01	10,483	-73,184	101,0	1,9	Valledupar, Cesar
636	2021/11/11	18:40:40	6,724	-73,167	134,0	1,6	Villanueva, Santander
637	2021/11/11	18:42:02	5,398	-73,766	125,0	2,1	Fúquene, Cundinamarca
638	2021/11/11	18:55:55	2,09	-75,689	12,0	0,8	Garzón, Huila
639	2021/11/11	19:38:37	3,515	-74,538	19,0	1,4	Uribe, Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
640	2021/11/11	20:02:42	6,766	-73,188	129,0	1,6	Los Santos, Santander
641	2021/11/11	20:03:57	6,773	-73,225	136,0	2,1	Zapatoca, Santander
642	2021/11/11	20:26:32	3,105	-79,377	10,0	2,5	Océano Pacífico
643	2021/11/11	20:57:03	3,491	-74,194	1,0	1,1	Mesetas, Meta
644	2021/11/11	22:35:21	5,251	-73,722	135,0	1,8	Lenguazaque, Cundinamarca
645	2021/11/11	23:30:50	6,737	-73,146	138,0	1,9	Los Santos, Santander
646	2021/11/11	23:43:23	6,72	-73,163	134,0	1,7	Villanueva, Santander
647	2021/11/12	00:36:24	6,741	-73,214	136,0	1,6	Villanueva, Santander
648	2021/11/12	01:16:22	4,766	-76,108	95,0	1,9	Ansermanuevo, Valle del Cauca
649	2021/11/12	01:26:28	3,008	-74,783	26,0	1,5	Uribe, Meta
650	2021/11/12	02:09:40	6,882	-73,304	123,0	2,3	Zapatoca, Santander
651	2021/11/12	03:23:27	6,174	-73,637	114,0	1,6	La Paz, Santander
652	2021/11/12	04:11:01	6,677	-73,094	136,0	1,8	Curití, Santander
653	2021/11/12	04:42:41	6,779	-73,18	141,0	2,6	Los Santos, Santander
654	2021/11/12	05:00:35	6,741	-73,193	132,0	1,5	Villanueva, Santander
655	2021/11/12	05:04:27	6,841	-76,163	0,0	1,4	Uramita, Antioquia
656	2021/11/12	05:44:19	2,348	-75,468	25,0	1,3	Gigante, Huila
657	2021/11/12	06:30:39	6,818	-73,153	143,0	2,6	Los Santos, Santander
658	2021/11/12	06:44:10	6,69	-73,146	135,0	1,9	Villanueva, Santander
659	2021/11/12	07:28:27	7,146	-78,593	40,0	2,2	Panamá
660	2021/11/12	08:05:28	6,82	-73,157	136,0	1,6	Los Santos, Santander
661	2021/11/12	08:12:50	6,677	-73,15	134,0	1,7	Villanueva, Santander
662	2021/11/12	08:46:21	6,72	-73,184	134,0	1,5	Villanueva, Santander
663	2021/11/12	09:24:08	6,782	-73,179	140,0	1,3	Los Santos, Santander
664	2021/11/12	09:46:38	6,492	-72,421	26,0	1,6	Guicán, Boyacá
665	2021/11/12	09:58:22	4,768	-76,124	88,0	1,3	Ansermanuevo, Valle del Cauca
666	2021/11/12	10:00:09	2,267	-75,622	22,0	2,4	Garzón, Huila
667	2021/11/12	10:23:54	6,72	-73,171	138,0	1,8	Villanueva, Santander
668	2021/11/12	10:28:30	6,061	-73,721	113,0	1,4	Vélez, Santander
669	2021/11/12	14:12:10	4,631	-76,54	0,0	1,6	Sipí, Chocó
670	2021/11/12	14:14:05	6,762	-73,193	135,0	1,7	Villanueva, Santander
671	2021/11/12	14:21:09	5,727	-73,956	112,0	1,4	Tununguá, Boyacá
672	2021/11/12	14:28:25	2,332	-79,246	18,0	2,8	Océano Pacífico
673	2021/11/12	14:36:12	6,207	-73,496	110,0	1,4	El Guacamayo, Santander
674	2021/11/12	15:00:54	1,953	-75,902	16,0	1,0	Timaná, Huila
675	2021/11/12	15:05:53	3,415	-76,863	59,0	1,8	Buenaventura, Valle del Cauca
676	2021/11/12	15:33:58	1,749	-77,341	19,0	1,7	El Rosario, Nariño
677	2021/11/12	15:46:51	6,758	-73,141	133,0	1,6	Los Santos, Santander
678	2021/11/12	16:26:33	6,771	-73,129	126,0	1,4	Los Santos, Santander
679	2021/11/12	16:59:00	6,747	-73,156	136,0	1,8	Los Santos, Santander
680	2021/11/12	17:05:09	6,758	-73,159	134,0	1,5	Los Santos, Santander
681	2021/11/12	17:15:10	6,758	-73,176	130,0	1,6	Los Santos, Santander
682	2021/11/12	17:22:38	4,576	-76,233	110,0	1,6	Versalles, Valle del Cauca
683	2021/11/12	17:40:53	6,724	-73,09	134,0	1,6	Jordán, Santander
684	2021/11/12	17:41:29	6,707	-73,124	130,0	1,6	Jordán, Santander
685	2021/11/12	17:51:51	6,741	-73,163	128,0	1,4	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
686	2021/11/12	19:05:29	6,427	-76,814	20,0	1,9	Bojayá (Bellavista), Chocó
687	2021/11/12	19:21:13	6,744	-73,168	128,0	2,2	Los Santos, Santander
688	2021/11/12	19:29:06	7,214	-73,814	9,0	1,7	Puerto Wilches, Santander
689	2021/11/12	19:53:06	6,769	-73,172	139,0	2,4	Los Santos, Santander
690	2021/11/12	20:03:16	4,699	-74,805	28,0	1,1	Venadillo, Tolima
691	2021/11/12	20:12:03	6,754	-73,141	135,0	1,8	Los Santos, Santander
692	2021/11/12	20:13:15	6,497	-74,517	0,0	1,4	Puerto Berrío, Antioquia
693	2021/11/12	20:23:16	6,507	-74,538	0,0	0,7	Puerto Berrío, Antioquia
694	2021/11/12	21:57:40	6,741	-73,154	137,0	1,6	Los Santos, Santander
695	2021/11/12	22:20:55	5,605	-74,337	80,0	2,2	Yacopí, Cundinamarca
696	2021/11/12	22:31:56	6,792	-73,164	145,0	1,6	Los Santos, Santander
697	2021/11/12	23:21:12	6,724	-73,15	135,0	1,7	Villanueva, Santander
698	2021/11/12	23:54:30	6,762	-73,197	133,0	1,6	Villanueva, Santander
699	2021/11/12	23:55:56	6,715	-73,15	135,0	1,9	Villanueva, Santander
700	2021/11/13	00:28:11	2,862	-74,319	16,0	1,7	Uribe, Meta
701	2021/11/13	00:35:23	2,737	-75,053	19,0	2,3	San Vicente del Caguán, Caquetá
702	2021/11/13	01:10:02	7,436	-73,149	139,0	1,6	El Playón, Santander
703	2021/11/13	01:24:34	4,366	-76,262	4,0	1,3	Bolívar, Valle del Cauca
704	2021/11/13	01:37:04	5,837	-73,575	105,0	1,6	Moniquirá, Boyacá
705	2021/11/13	01:54:06	6,745	-73,137	130,0	1,6	Los Santos, Santander
706	2021/11/13	02:01:13	7,032	-72,926	176,0	1,7	Piedecuesta, Santander
707	2021/11/13	02:06:15	0,9595	-77,8893	2,0	2,0	Volcán Cumbal
708	2021/11/13	02:22:01	6,703	-73,111	143,0	1,8	Jordán, Santander
709	2021/11/13	02:49:11	6,737	-73,188	136,0	1,6	Villanueva, Santander
710	2021/11/13	02:58:32	6,931	-73,086	138,0	1,6	Piedecuesta, Santander
711	2021/11/13	03:20:49	2,97	-74,777	24,0	1,4	Uribe, Meta
712	2021/11/13	03:50:42	6,728	-73,218	137,0	1,5	Barichara, Santander
713	2021/11/13	04:24:35	6,745	-73,188	138,0	1,6	Villanueva, Santander
714	2021/11/13	05:03:19	8,815	-77,4	37,0	1,3	Panamá-Colombia
715	2021/11/13	05:17:01	6,719	-74,426	19,0	1,4	Puerto Berrío, Antioquia
716	2021/11/13	05:32:15	6,745	-73,176	131,0	1,5	Villanueva, Santander
717	2021/11/13	05:44:03	6,134	-75,678	0,0	0,8	Angelópolis, Antioquia
718	2021/11/13	06:21:26	8,58	-75,194	133,0	1,7	San Marcos, Sucre
719	2021/11/13	06:23:46	6,809	-73,193	139,0	2,3	Zapatoca, Santander
720	2021/11/13	06:36:51	6,575	-73,563	102,0	1,1	El Carmen, Santander
721	2021/11/13	06:49:07	6,715	-73,158	131,0	1,7	Villanueva, Santander
722	2021/11/13	06:58:53	6,759	-73,142	151,0	3,0	Los Santos, Santander
723	2021/11/13	07:07:03	6,686	-73,141	126,0	1,2	Villanueva, Santander
724	2021/11/13	07:27:32	6,799	-73,18	143,0	1,5	Los Santos, Santander
725	2021/11/13	08:00:19	6,865	-76,839	92,0	1,8	Carmen del Darién (Curbaradó), Chocó
726	2021/11/13	08:07:56	6,454	-76,661	71,0	1,9	Vigia del Fuerte, Antioquia
727	2021/11/13	08:11:01	5,097	-76,067	50,0	1,7	Santuario, Risaralda
728	2021/11/13	08:24:14	6,817	-73,171	124,0	1,4	Los Santos, Santander
729	2021/11/13	08:42:27	6,746	-73,113	142,0	1,7	Los Santos, Santander
730	2021/11/13	08:51:58	6,775	-73,201	134,0	1,5	Zapatoca, Santander
731	2021/11/13	08:54:57	6,908	-73,365	127,0	1,2	San Vicente de Chucurí, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
732	2021/11/13	09:37:30	6,762	-73,159	127,0	1,5	Los Santos, Santander
733	2021/11/13	09:49:27	8,758	-73,907	94,0	1,8	El Peñón, Bolívar
734	2021/11/13	09:50:54	3,07	-74,764	23,0	1,0	Uribe, Meta
735	2021/11/13	09:52:23	6,783	-73,171	146,0	2,3	Los Santos, Santander
736	2021/11/13	10:08:20	4,726	-76,051	54,0	1,2	Ansermanuevo, Valle del Cauca
737	2021/11/13	10:31:20	2,305	-75,634	24,0	1,5	Garzón, Huila
738	2021/11/13	11:51:15	6,64	-75,788	53,0	2,2	Olaya, Antioquia
739	2021/11/13	12:02:53	6,84	-73,088	144,0	2,2	Los Santos, Santander
740	2021/11/13	12:16:36	4,009	-76,336	98,0	1,7	Yotoco, Valle del Cauca
741	2021/11/13	12:44:20	6,803	-73,168	142,0	3,4	Los Santos, Santander
742	2021/11/13	13:51:31	6,805	-73,164	147,0	3,3	Los Santos, Santander
743	2021/11/13	14:11:12	1,894	-75,983	36,0	1,4	Timaná, Huila
744	2021/11/13	15:29:05	6,822	-73,216	139,0	2,1	Zapatoca, Santander
745	2021/11/13	15:38:38	2,441	-75,545	27,0	1,3	Gigante, Huila
746	2021/11/13	15:52:52	6,8	-73,146	120,0	1,6	Los Santos, Santander
747	2021/11/13	18:02:06	6,69	-73,176	137,0	2,0	Villanueva, Santander
748	2021/11/13	18:11:30	6,715	-73,171	132,0	1,7	Villanueva, Santander
749	2021/11/13	18:16:23	6,762	-73,218	133,0	1,9	Zapatoca, Santander
750	2021/11/13	18:35:35	6,352	-73,682	118,0	1,5	La Paz, Santander
751	2021/11/13	18:57:43	6,423	-75,752	54,0	1,4	San Jerónimo, Antioquia
752	2021/11/13	19:05:00	6,762	-73,163	139,0	1,9	Los Santos, Santander
753	2021/11/13	19:29:50	6,754	-73,163	133,0	2,0	Los Santos, Santander
754	2021/11/13	19:48:43	6,686	-73,214	129,0	1,8	Barichara, Santander
755	2021/11/13	20:55:42	2,297	-75,568	30,0	1,2	Gigante, Huila
756	2021/11/13	20:56:11	2,911	-74,221	21,0	2,0	Uribe, Meta
757	2021/11/13	21:10:57	9,453	-73,585	31,0	1,4	Chiriguaná, Cesar
758	2021/11/13	21:39:02	1,989	-75,896	1,0	1,1	Timaná, Huila
759	2021/11/13	21:47:07	6,859	-73,217	158,0	2,0	Zapatoca, Santander
760	2021/11/13	22:36:22	6,116	-73,746	40,0	1,2	Bolívar, Santander
761	2021/11/13	23:01:45	5,855	-72,433	25,0	1,5	Támara, Casanare
762	2021/11/13	23:10:05	6,772	-73,207	137,0	2,3	Zapatoca, Santander
763	2021/11/13	23:21:08	3,589	-74,46	22,0	1,1	Uribe, Meta
764	2021/11/13	23:44:59	3,726	-76,014	19,0	1,4	El Cerrito, Valle del Cauca
765	2021/11/14	00:02:39	6,82	-73,192	142,0	3,0	Zapatoca, Santander
766	2021/11/14	00:06:17	8,829	-77,537	58,0	2,5	Panamá-Colombia
767	2021/11/14	02:30:31	10,367	-74,717	42,0	2,1	El Piñón, Magdalena
768	2021/11/14	02:59:52	4,789	-76,09	79,0	1,4	Ansermanuevo, Valle del Cauca
769	2021/11/14	03:05:55	6,831	-75,273	45,0	2,8	Guadalupe, Antioquia
770	2021/11/14	03:44:51	6,686	-73,077	139,0	1,9	Aratoca, Santander
771	2021/11/14	04:00:21	3,519	-74,155	66,0	1,2	Mesetas, Meta
772	2021/11/14	04:09:29	6,835	-73,17	147,0	2,4	Los Santos, Santander
773	2021/11/14	04:43:07	6,686	-73,137	134,0	1,8	Villanueva, Santander
774	2021/11/14	05:05:42	6,594	-73,608	119,0	1,7	El Carmen, Santander
775	2021/11/14	05:29:40	5,0	-74,66	35,0	1,3	Guaduas, Cundinamarca
776	2021/11/14	05:57:44	6,783	-73,167	136,0	1,8	Los Santos, Santander
777	2021/11/14	06:02:07	7,263	-73,27	114,0	1,3	Lebrija, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
778	2021/11/14	06:19:39	7,094	-73,366	125,0	1,5	Girón, Santander
779	2021/11/14	07:09:59	6,772	-73,149	141,0	2,3	Los Santos, Santander
780	2021/11/14	07:14:13	6,95	-73,211	146,0	1,5	Girón, Santander
781	2021/11/14	07:21:39	6,783	-73,201	142,0	1,8	Zapatoca, Santander
782	2021/11/14	07:26:12	6,974	-73,257	166,0	1,4	Girón, Santander
783	2021/11/14	07:27:40	6,756	-73,182	137,0	1,5	Villanueva, Santander
784	2021/11/14	08:21:34	6,774	-73,217	139,0	2,6	Zapatoca, Santander
785	2021/11/14	08:26:23	6,365	-72,864	16,0	1,4	Onzaga, Santander
786	2021/11/14	08:40:36	6,694	-73,137	137,0	1,7	Jordán, Santander
787	2021/11/14	08:54:24	6,766	-73,18	136,0	1,6	Los Santos, Santander
788	2021/11/14	09:19:25	6,703	-73,146	133,0	1,7	Jordán, Santander
789	2021/11/14	09:38:37	6,737	-73,171	137,0	1,9	Villanueva, Santander
790	2021/11/14	09:44:25	3,545	-74,594	23,0	1,1	Colombia, Huila
791	2021/11/14	09:45:22	6,545	-73,517	131,0	1,1	El Carmen, Santander
792	2021/11/14	09:58:51	6,722	-73,114	144,0	1,4	Jordán, Santander
793	2021/11/14	10:02:06	10,311	-73,151	5,0	1,4	San Diego, Cesar
794	2021/11/14	10:07:41	6,75	-73,167	147,0	1,6	Los Santos, Santander
795	2021/11/14	10:12:43	1,829	-76,286	12,0	0,7	San Agustín, Huila
796	2021/11/14	10:21:54	6,838	-73,103	124,0	1,3	Los Santos, Santander
797	2021/11/14	10:41:47	5,949	-73,56	121,0	1,6	Moniquirá, Boyacá
798	2021/11/14	11:10:57	6,72	-73,201	138,0	1,7	Barichara, Santander
799	2021/11/14	11:11:41	6,056	-73,703	109,0	1,5	Vélez, Santander
800	2021/11/14	12:04:24	6,737	-73,146	139,0	2,0	Los Santos, Santander
801	2021/11/14	12:32:17	6,83	-73,146	145,0	2,0	Los Santos, Santander
802	2021/11/14	12:42:59	6,749	-73,171	137,0	1,7	Los Santos, Santander
803	2021/11/14	13:02:05	2,039	-75,806	27,0	1,0	Altamira, Huila
804	2021/11/14	13:11:24	6,836	-73,25	146,0	1,4	Zapatoca, Santander
805	2021/11/14	13:30:49	6,815	-73,148	133,0	1,9	Los Santos, Santander
806	2021/11/14	13:35:31	6,757	-73,172	139,0	2,5	Los Santos, Santander
807	2021/11/14	13:47:36	6,727	-73,116	136,0	1,7	Jordán, Santander
808	2021/11/14	14:23:33	5,906	-73,747	99,0	1,5	Guavatá, Santander
809	2021/11/14	14:37:57	6,791	-73,198	156,0	1,5	Zapatoca, Santander
810	2021/11/14	14:46:41	5,268	-73,743	137,0	1,6	Cucunubá, Cundinamarca
811	2021/11/14	14:48:14	6,79	-73,158	143,0	1,6	Los Santos, Santander
812	2021/11/14	14:56:40	7,3	-73,678	84,0	1,9	Puerto Wilches, Santander
813	2021/11/14	15:07:31	3,352	-74,358	77,0	1,7	Uribe, Meta
814	2021/11/14	15:13:59	3,501	-74,509	22,0	1,1	Uribe, Meta
815	2021/11/14	16:20:06	6,768	-73,188	145,0	1,5	Los Santos, Santander
816	2021/11/14	16:39:01	5,276	-73,765	133,0	1,8	Cucunubá, Cundinamarca
817	2021/11/14	16:43:26	6,777	-73,172	142,0	1,6	Los Santos, Santander
818	2021/11/14	17:45:28	6,806	-73,187	145,0	1,6	Los Santos, Santander
819	2021/11/14	17:53:20	4,35	-75,277	16,0	1,3	Ibagué, Tolima
820	2021/11/14	17:56:54	5,295	-74,779	32,0	1,2	Honda, Tolima
821	2021/11/14	18:02:39	6,798	-73,173	144,0	1,6	Los Santos, Santander
822	2021/11/14	18:06:39	6,802	-73,178	145,0	1,6	Los Santos, Santander
823	2021/11/14	18:08:15	6,677	-74,764	52,0	1,5	Yalí, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
824	2021/11/14	18:19:14	8,07	-72,69	13,0	1,9	El Zulia, Norte de Santander
825	2021/11/14	18:24:37	6,777	-73,177	143,0	1,8	Los Santos, Santander
826	2021/11/14	19:19:15	6,732	-73,141	132,0	1,9	Los Santos, Santander
827	2021/11/14	20:06:52	6,786	-73,164	142,0	2,8	Los Santos, Santander
828	2021/11/14	21:01:31	6,765	-73,147	140,0	2,4	Los Santos, Santander
829	2021/11/14	21:04:26	6,758	-73,137	136,0	1,9	Los Santos, Santander
830	2021/11/14	21:13:30	6,732	-73,176	136,0	1,8	Villanueva, Santander
831	2021/11/14	21:51:42	6,18	-72,306	29,0	1,5	La Salina, Casanare
832	2021/11/14	22:03:56	6,749	-73,171	131,0	2,0	Los Santos, Santander
833	2021/11/14	22:13:42	6,728	-73,129	129,0	1,8	Jordán, Santander
834	2021/11/14	22:22:03	11,003	-74,08	7,0	1,6	Ciénaga, Magdalena
835	2021/11/14	23:01:08	6,741	-73,124	130,0	1,6	Los Santos, Santander
836	2021/11/14	23:10:12	5,091	-77,823	11,0	2,5	Océano Pacífico
837	2021/11/14	23:20:37	6,728	-73,15	134,0	1,6	Villanueva, Santander
838	2021/11/14	23:42:26	5,605	-72,725	10,0	1,4	Labranzagrande, Boyacá
839	2021/11/14	23:45:11	6,818	-73,147	135,0	1,5	Los Santos, Santander
840	2021/11/15	00:32:48	5,264	-73,767	146,0	1,7	Cucunubá, Cundinamarca
841	2021/11/15	01:16:38	6,452	-73,63	111,0	2,1	Santa Helena del Opón, Santander
842	2021/11/15	01:43:28	6,599	-73,71	94,0	1,1	El Carmen, Santander
843	2021/11/15	02:31:03	2,665	-75,039	0,0	1,9	San Vicente del Caguán, Caquetá
844	2021/11/15	03:50:52	6,754	-73,116	134,0	2,0	Los Santos, Santander
845	2021/11/15	03:56:38	6,829	-73,17	146,0	2,8	Los Santos, Santander
846	2021/11/15	04:11:21	6,796	-73,201	126,0	1,5	Zapatoca, Santander
847	2021/11/15	04:18:20	6,802	-73,191	144,0	1,2	Los Santos, Santander
848	2021/11/15	04:20:45	5,559	-73,851	122,0	2,1	Caldas, Boyacá
849	2021/11/15	05:04:19	6,73	-73,556	102,0	2,1	El Carmen, Santander
850	2021/11/15	05:30:17	6,14	-75,515	70,0	1,1	Retiro, Antioquia
851	2021/11/15	05:34:41	10,082	-75,124	28,0	1,3	San Juan Nepomuceno, Bolívar
852	2021/11/15	05:41:02	9,541	-73,62	32,0	1,2	Chiriguaná, Cesar
853	2021/11/15	05:46:36	5,733	-73,898	102,0	1,7	Briceño, Boyacá
854	2021/11/15	06:02:46	6,784	-73,184	140,0	1,6	Los Santos, Santander
855	2021/11/15	06:08:13	5,822	-73,5	126,0	1,8	Arcabuco, Boyacá
856	2021/11/15	06:09:18	3,764	-76,136	150,0	1,5	Ginebra, Valle del Cauca
857	2021/11/15	06:20:04	6,69	-73,137	138,0	1,7	Villanueva, Santander
858	2021/11/15	06:22:49	6,745	-73,206	136,0	1,7	Villanueva, Santander
859	2021/11/15	06:25:38	6,737	-73,206	132,0	1,6	Villanueva, Santander
860	2021/11/15	06:54:27	6,682	-73,116	140,0	1,6	Curití, Santander
861	2021/11/15	07:19:56	6,797	-73,384	131,0	1,2	San Vicente de Chucurí, Santander
862	2021/11/15	07:23:29	6,769	-71,582	30,0	4,0	Fortul, Arauca
863	2021/11/15	07:32:03	6,97	-73,159	148,0	1,6	Girón, Santander
864	2021/11/15	07:37:50	6,794	-73,118	145,0	1,5	Los Santos, Santander
865	2021/11/15	08:11:01	6,77	-73,2	132,0	1,5	Zapatoca, Santander
866	2021/11/15	09:22:26	6,749	-73,171	129,0	1,4	Los Santos, Santander
867	2021/11/15	09:43:15	6,775	-73,253	132,0	1,5	Zapatoca, Santander
868	2021/11/15	10:18:15	6,69	-73,146	134,0	1,9	Villanueva, Santander
869	2021/11/15	10:31:48	10,265	-74,521	47,0	2,0	El Piñón, Magdalena

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
870	2021/11/15	11:26:46	6,72	-73,227	137,0	1,6	Barichara, Santander
871	2021/11/15	11:28:02	6,823	-73,191	134,0	1,5	Zapatoca, Santander
872	2021/11/15	11:46:45	10,758	-73,987	12,0	1,6	Ciénaga, Magdalena
873	2021/11/15	11:55:35	5,859	-73,523	16,0	1,0	Moniquirá, Boyacá
874	2021/11/15	12:04:54	2,396	-75,61	20,0	1,1	Paicol, Huila
875	2021/11/15	12:22:57	6,737	-73,171	138,0	1,6	Villanueva, Santander
876	2021/11/15	13:51:20	6,594	-73,106	153,0	1,7	Curití, Santander
877	2021/11/15	13:55:06	6,777	-73,145	147,0	1,5	Los Santos, Santander
878	2021/11/15	15:01:41	6,838	-73,176	146,0	1,7	Zapatoca, Santander
879	2021/11/15	15:10:51	6,794	-73,133	140,0	1,6	Los Santos, Santander
880	2021/11/15	15:25:30	6,737	-73,123	144,0	1,8	Los Santos, Santander
881	2021/11/15	15:48:13	7,114	-73,405	111,0	1,2	Girón, Santander
882	2021/11/15	16:00:05	6,772	-73,182	142,0	1,4	Los Santos, Santander
883	2021/11/15	16:04:52	6,69	-73,171	128,0	1,9	Villanueva, Santander
884	2021/11/15	16:35:02	6,728	-73,159	132,0	2,0	Villanueva, Santander
885	2021/11/15	16:36:50	2,172	-75,621	27,0	1,5	Garzón, Huila
886	2021/11/15	17:04:21	2,546	-77,078	20,0	1,0	El Tambo, Cauca
887	2021/11/15	17:51:58	6,53	-73,543	97,0	1,6	El Carmen, Santander
888	2021/11/15	17:58:26	6,682	-73,137	137,0	2,2	Villanueva, Santander
889	2021/11/15	18:00:44	6,856	-73,228	152,0	2,2	Zapatoca, Santander
890	2021/11/15	18:02:44	6,828	-73,198	144,0	1,6	Zapatoca, Santander
891	2021/11/15	18:50:50	6,807	-73,164	148,0	1,6	Los Santos, Santander
892	2021/11/15	19:08:08	0,845	-77,811	1,0	2,0	Volcán Cumbal
893	2021/11/15	19:16:17	3,495	-74,19	10,0	1,7	Mesetas, Meta
894	2021/11/15	20:06:32	6,861	-73,36	145,0	1,6	San Vicente de Chucurí, Santander
895	2021/11/15	20:19:32	6,745	-73,137	142,0	2,0	Los Santos, Santander
896	2021/11/15	20:37:16	6,745	-73,141	134,0	2,1	Los Santos, Santander
897	2021/11/15	20:57:45	6,635	-73,325	109,0	1,4	Galán, Santander
898	2021/11/15	21:21:54	3,625	-76,904	25,0	1,5	Buenaventura, Valle del Cauca
899	2021/11/15	21:52:29	8,981	-73,396	104,0	1,6	El Carmen, Norte de Santander
900	2021/11/15	22:49:06	6,821	-73,141	148,0	2,7	Los Santos, Santander
901	2021/11/15	22:58:03	6,798	-73,131	143,0	2,3	Los Santos, Santander
902	2021/11/15	23:14:37	11,076	-72,708	5,0	1,7	Hato Nuevo, la Guajira
903	2021/11/15	23:19:52	6,802	-73,198	144,0	1,6	Zapatoca, Santander
904	2021/11/15	23:30:09	6,82	-73,189	147,0	1,4	Zapatoca, Santander
905	2021/11/15	23:46:30	4,112	-76,317	109,0	2,0	Riofrío, Valle del Cauca
906	2021/11/15	23:56:35	6,868	-73,339	122,0	1,3	San Vicente de Chucurí, Santander
907	2021/11/16	00:13:30	5,825	-75,925	49,0	0,9	Ciudad Bolívar, Antioquia
908	2021/11/16	00:26:02	6,78	-73,119	147,0	2,8	Los Santos, Santander
909	2021/11/16	00:31:01	5,28	-73,709	135,0	2,0	Lenguazaque, Cundinamarca
910	2021/11/16	00:55:12	6,745	-73,193	136,0	1,5	Villanueva, Santander
911	2021/11/16	01:36:23	8,613	-76,227	53,0	2,1	Montería, Córdoba
912	2021/11/16	02:13:12	6,788	-73,176	142,0	1,5	Los Santos, Santander
913	2021/11/16	02:19:14	6,741	-73,137	138,0	1,5	Los Santos, Santander
914	2021/11/16	02:37:41	5,271	-73,71	132,0	1,8	Lenguazaque, Cundinamarca
915	2021/11/16	02:54:17	10,286	-74,503	35,0	1,2	Pivijay, Magdalena

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
916	2021/11/16	03:26:21	2,007	-75,827	0,0	0,8	Altamira, Huila
917	2021/11/16	03:29:18	3,083	-82,469	0,0	2,7	Océano Pacífico
918	2021/11/16	03:49:28	7,609	-73,478	110,0	1,6	La Esperanza, Norte de Santander
919	2021/11/16	03:53:52	4,689	-74,885	25,0	1,1	Venadillo, Tolima
920	2021/11/16	03:54:29	5,61	-73,971	115,0	2,6	Pauna, Boyacá
921	2021/11/16	04:25:58	8,25	-73,274	106,0	1,7	La Playa, Norte de Santander
922	2021/11/16	04:35:27	6,087	-73,998	88,0	1,2	El Peñón, Santander
923	2021/11/16	05:04:24	6,754	-73,146	127,0	1,5	Los Santos, Santander
924	2021/11/16	05:16:09	10,135	-73,197	123,0	1,9	San Diego, Cesar
925	2021/11/16	05:41:49	5,089	-74,741	61,0	1,2	Honda, Tolima
926	2021/11/16	06:07:35	6,796	-73,147	138,0	1,4	Los Santos, Santander
927	2021/11/16	06:11:23	6,758	-73,162	141,0	1,6	Los Santos, Santander
928	2021/11/16	06:30:25	4,834	-82,575	10,0	4,3	Océano Pacífico
929	2021/11/16	06:43:54	6,836	-73,245	153,0	1,5	Zapatoca, Santander
930	2021/11/16	06:47:49	6,796	-73,218	140,0	2,1	Zapatoca, Santander
931	2021/11/16	06:57:51	6,559	-73,321	135,0	1,7	Hato, Santander
932	2021/11/16	07:25:15	6,762	-73,171	141,0	1,8	Los Santos, Santander
933	2021/11/16	07:30:20	6,669	-73,244	134,0	1,7	Barichara, Santander
934	2021/11/16	07:31:05	3,384	-76,601	115,0	1,7	Cali, Valle del Cauca
935	2021/11/16	07:58:21	6,547	-73,478	113,0	1,2	El Carmen, Santander
936	2021/11/16	08:00:07	4,292	-76,661	87,0	3,3	El Litoral del San Juan (Docordó), Chocó
937	2021/11/16	08:10:32	1,899	-75,978	23,0	0,9	Timaná, Huila
938	2021/11/16	08:34:26	6,796	-73,236	136,0	1,6	Zapatoca, Santander
939	2021/11/16	08:34:55	2,212	-79,835	10,0	1,9	Océano Pacífico
940	2021/11/16	08:38:47	5,292	-73,746	138,0	2,2	Lenguazaque, Cundinamarca
941	2021/11/16	08:54:24	6,864	-73,356	120,0	1,5	San Vicente de Chucurí, Santander
942	2021/11/16	09:24:04	6,784	-73,215	143,0	2,2	Zapatoca, Santander
943	2021/11/16	09:26:06	6,783	-73,189	138,0	1,8	Los Santos, Santander
944	2021/11/16	09:32:51	3,458	-74,19	16,0	1,9	Mesetas, Meta
945	2021/11/16	10:09:56	10,922	-73,741	25,0	1,4	Santa Marta, Magdalena
946	2021/11/16	11:02:45	5,242	-73,718	135,0	1,9	Cucunubá, Cundinamarca
947	2021/11/16	11:25:04	2,151	-75,612	30,0	1,4	Garzón, Huila
948	2021/11/16	11:25:45	7,618	-73,1	155,0	1,7	El Playón, Santander
949	2021/11/16	11:48:40	6,358	-73,626	108,0	2,3	Santa Helena del Opón, Santander
950	2021/11/16	12:02:01	6,814	-73,272	150,0	1,3	Zapatoca, Santander
951	2021/11/16	12:07:52	6,776	-73,126	135,0	1,5	Los Santos, Santander
952	2021/11/16	12:22:13	7,516	-72,394	13,0	1,4	Norte Colombia
953	2021/11/16	14:16:49	6,75	-73,172	140,0	2,5	Los Santos, Santander
954	2021/11/16	14:27:12	6,813	-73,193	141,0	2,0	Zapatoca, Santander
955	2021/11/16	14:59:46	6,826	-73,18	113,0	1,8	Zapatoca, Santander
956	2021/11/16	15:11:28	6,834	-73,168	140,0	1,5	Los Santos, Santander
957	2021/11/16	15:16:24	9,585	-73,776	93,0	1,9	El Paso, Cesar
958	2021/11/16	15:49:26	6,775	-73,194	146,0	1,6	Los Santos, Santander
959	2021/11/16	16:08:38	1,943	-76,027	29,0	1,2	Pitalito, Huila
960	2021/11/16	16:09:04	1,898	-76,031	19,0	1,0	Pitalito, Huila
961	2021/11/16	17:24:51	7,709	-74,403	26,0	1,5	Santa Rosa del Sur, Bolívar

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
962	2021/11/16	17:40:51	6,818	-73,201	141,0	1,4	Zapatoca, Santander
963	2021/11/16	17:49:50	6,822	-73,226	143,0	1,6	Zapatoca, Santander
964	2021/11/16	18:00:25	6,765	-73,184	142,0	1,6	Los Santos, Santander
965	2021/11/16	18:37:19	6,82	-73,165	142,0	1,7	Los Santos, Santander
966	2021/11/16	19:00:25	5,646	-72,583	2,0	1,4	Labranzagrande, Boyacá
967	2021/11/16	20:07:09	2,039	-75,778	0,0	0,8	Altamira, Huila
968	2021/11/16	20:43:08	7,82	-73,713	60,0	1,7	San Martín, Cesar
969	2021/11/16	20:56:10	2,185	-75,593	33,0	1,6	Garzón, Huila
970	2021/11/16	22:04:24	2,875	-75,633	16,0	1,4	Santa María, Huila
971	2021/11/16	22:05:11	6,715	-73,176	129,0	1,8	Villanueva, Santander
972	2021/11/16	23:00:57	4,004	-73,71	23,0	1,4	Acacías, Meta
973	2021/11/16	23:07:36	6,758	-73,184	137,0	2,1	Los Santos, Santander
974	2021/11/16	23:14:51	2,001	-75,906	19,0	1,1	Timaná, Huila
975	2021/11/16	23:18:08	8,079	-73,561	66,0	1,2	Rio de Oro, Cesar
976	2021/11/17	00:02:59	6,732	-73,159	134,0	1,7	Villanueva, Santander
977	2021/11/17	00:17:09	6,715	-73,141	137,0	1,9	Jordán, Santander
978	2021/11/17	00:36:56	4,769	-73,389	13,0	1,6	Gachalá, Cundinamarca
979	2021/11/17	00:38:29	6,732	-73,184	139,0	1,8	Villanueva, Santander
980	2021/11/17	00:41:34	3,842	-71,411	0,0	2,3	Puerto Gaitán, Meta
981	2021/11/17	00:56:46	5,363	-77,679	0,0	2,1	Océano Pacífico
982	2021/11/17	01:00:30	11,224	-74,26	13,0	1,7	Mar Caribe
983	2021/11/17	01:15:45	4,204	-75,411	11,0	1,3	Rovira, Tolima
984	2021/11/17	01:53:25	6,728	-73,171	130,0	1,6	Villanueva, Santander
985	2021/11/17	01:56:32	6,737	-73,15	135,0	1,7	Los Santos, Santander
986	2021/11/17	02:11:14	6,754	-73,129	138,0	1,8	Los Santos, Santander
987	2021/11/17	02:28:45	6,792	-73,172	140,0	1,6	Los Santos, Santander
988	2021/11/17	02:46:54	6,807	-73,155	146,0	1,5	Los Santos, Santander
989	2021/11/17	03:39:31	5,776	-74,295	64,0	1,1	Puerto Boyacá, Boyacá
990	2021/11/17	03:46:28	5,251	-73,726	128,0	1,6	Cucunubá, Cundinamarca
991	2021/11/17	03:53:24	6,794	-73,183	142,0	1,5	Los Santos, Santander
992	2021/11/17	04:05:28	6,762	-73,193	136,0	1,5	Villanueva, Santander
993	2021/11/17	04:21:22	6,724	-73,137	132,0	1,8	Jordán, Santander
994	2021/11/17	05:27:19	6,814	-73,187	136,0	1,6	Zapatoca, Santander
995	2021/11/17	05:56:01	6,769	-73,172	140,0	2,1	Los Santos, Santander
996	2021/11/17	06:26:38	2,066	-75,75	19,0	0,7	Altamira, Huila
997	2021/11/17	07:14:59	6,732	-73,223	129,0	1,7	Barichara, Santander
998	2021/11/17	07:27:59	6,811	-73,179	147,0	1,7	Los Santos, Santander
999	2021/11/17	07:31:02	4,492	-73,368	16,0	1,5	Medina, Cundinamarca
1000	2021/11/17	07:36:04	7,146	-73,309	131,0	1,7	Lebrija, Santander
1001	2021/11/17	07:39:05	7,402	-73,212	133,0	1,6	Rionegro, Santander
1002	2021/11/17	07:52:40	10,504	-73,391	33,0	1,7	Valledupar, Cesar
1003	2021/11/17	07:55:43	6,779	-73,184	137,0	1,8	Los Santos, Santander
1004	2021/11/17	08:07:58	6,772	-73,19	140,0	3,1	Los Santos, Santander
1005	2021/11/17	08:30:45	3,842	-76,204	94,0	1,8	Buga, Valle del Cauca
1006	2021/11/17	08:31:35	6,771	-73,159	146,0	2,9	Los Santos, Santander
1007	2021/11/17	08:44:05	5,47	-72,774	11,0	1,5	Aquitania, Boyacá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1008	2021/11/17	08:56:20	3,55	-77,451	10,0	1,6	Océano Pacífico
1009	2021/11/17	09:03:30	6,825	-73,195	147,0	1,4	Zapatoca, Santander
1010	2021/11/17	09:05:53	6,935	-73,478	4,0	0,7	San Vicente de Chucurí, Santander
1011	2021/11/17	09:10:28	4,998	-74,645	19,0	1,3	Chaguaní, Cundinamarca
1012	2021/11/17	09:10:52	6,55	-73,516	114,0	2,2	El Carmen, Santander
1013	2021/11/17	09:20:35	6,682	-73,188	135,0	1,6	Barichara, Santander
1014	2021/11/17	09:56:03	10,044	-75,263	34,0	1,9	María la Baja, Bolívar
1015	2021/11/17	10:24:55	6,754	-73,231	140,0	1,6	Zapatoca, Santander
1016	2021/11/17	11:04:10	6,938	-73,18	120,0	1,4	Girón, Santander
1017	2021/11/17	11:07:17	5,445	-73,739	125,0	1,5	Fúquene, Cundinamarca
1018	2021/11/17	11:11:19	6,525	-73,676	96,0	1,4	Simacota, Santander
1019	2021/11/17	11:56:23	4,751	-76,179	82,0	1,9	El Cairo, Valle del Cauca
1020	2021/11/17	12:10:49	1,948	-75,912	16,0	1,0	Timaná, Huila
1021	2021/11/17	12:19:17	5,607	-73,98	106,0	2,5	Pauna, Boyacá
1022	2021/11/17	12:31:38	4,627	-75,109	19,0	1,1	Anzoátegui, Tolima
1023	2021/11/17	13:08:56	4,981	-74,877	22,0	1,1	Armero (Guayabal), Tolima
1024	2021/11/17	14:06:32	7,27	-73,137	135,0	1,3	Rionegro, Santander
1025	2021/11/17	15:32:52	2,042	-75,953	22,0	1,3	Elías, Huila
1026	2021/11/17	16:24:44	6,745	-73,167	141,0	2,1	Los Santos, Santander
1027	2021/11/17	16:47:15	6,703	-73,129	132,0	1,5	Jordán, Santander
1028	2021/11/17	17:37:16	6,72	-73,171	133,0	1,8	Villanueva, Santander
1029	2021/11/17	18:02:04	6,979	-73,498	97,0	2,0	San Vicente de Chucurí, Santander
1030	2021/11/17	18:08:09	1,892	-76,035	18,0	1,5	Pitalito, Huila
1031	2021/11/17	18:41:05	6,779	-73,163	141,0	1,9	Los Santos, Santander
1032	2021/11/17	18:48:42	5,916	-74,81	12,0	0,8	Puerto Triunfo, Antioquia
1033	2021/11/17	19:51:33	6,783	-73,214	139,0	1,9	Zapatoca, Santander
1034	2021/11/17	19:56:54	6,82	-73,13	143,0	2,5	Los Santos, Santander
1035	2021/11/17	20:13:14	6,775	-73,163	145,0	2,7	Los Santos, Santander
1036	2021/11/17	21:32:22	6,533	-73,518	103,0	1,5	El Carmen, Santander
1037	2021/11/17	22:27:28	6,665	-73,18	125,0	1,6	Villanueva, Santander
1038	2021/11/17	22:49:27	6,741	-73,188	134,0	1,8	Villanueva, Santander
1039	2021/11/18	00:41:06	6,749	-73,206	130,0	1,6	Villanueva, Santander
1040	2021/11/18	01:02:40	6,749	-73,116	140,0	1,9	Los Santos, Santander
1041	2021/11/18	01:21:49	5,879	-73,682	108,0	1,4	Puente Nacional, Santander
1042	2021/11/18	02:01:18	3,708	-71,362	0,0	2,0	Puerto Gaitán, Meta
1043	2021/11/18	02:10:07	4,951	-75,942	102,0	2,1	Balboa, Risaralda
1044	2021/11/18	02:23:12	6,732	-73,201	138,0	1,7	Villanueva, Santander
1045	2021/11/18	02:37:30	3,872	-71,47	0,0	2,1	Puerto Gaitán, Meta
1046	2021/11/18	02:52:54	3,241	-78,995	29,0	2,6	Océano Pacífico
1047	2021/11/18	03:01:42	5,751	-75,884	60,0	1,6	Andes, Antioquia
1048	2021/11/18	03:14:39	9,573	-74,43	62,0	1,5	Santa Ana, Magdalena
1049	2021/11/18	03:24:39	6,766	-73,154	137,0	1,7	Los Santos, Santander
1050	2021/11/18	03:38:43	6,745	-73,133	135,0	1,8	Los Santos, Santander
1051	2021/11/18	03:59:43	8,706	-73,537	115,0	2,1	La Gloria, Cesar
1052	2021/11/18	04:11:33	6,892	-72,973	13,0	1,2	Piedecuesta, Santander
1053	2021/11/18	04:32:56	6,838	-73,174	147,0	1,7	Zapatoca, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1054	2021/11/18	04:34:13	4,948	-74,992	22,0	1,1	Líbano, Tolima
1055	2021/11/18	04:38:29	6,72	-73,158	134,0	1,6	Villanueva, Santander
1056	2021/11/18	04:48:54	6,845	-73,154	143,0	1,7	Los Santos, Santander
1057	2021/11/18	04:49:55	1,91	-76,033	28,0	2,2	Pitalito, Huila
1058	2021/11/18	05:40:01	6,799	-73,187	146,0	2,1	Los Santos, Santander
1059	2021/11/18	05:50:01	6,656	-73,154	126,0	1,6	Villanueva, Santander
1060	2021/11/18	06:29:17	6,792	-73,206	139,0	1,7	Zapatoca, Santander
1061	2021/11/18	06:43:57	6,763	-73,185	142,0	2,2	Los Santos, Santander
1062	2021/11/18	06:56:00	3,974	-77,053	19,0	1,6	Buenaventura, Valle del Cauca
1063	2021/11/18	06:58:07	6,954	-77,41	63,0	3,6	Riosucio, Chocó
1064	2021/11/18	07:01:55	1,917	-75,943	20,0	0,8	Timaná, Huila
1065	2021/11/18	07:22:55	9,955	-73,393	25,0	1,5	Agustín Codazzi, Cesar
1066	2021/11/18	07:56:15	7,783	-73,354	126,0	1,3	La Esperanza, Norte de Santander
1067	2021/11/18	07:58:26	7,409	-73,89	91,0	1,3	Puerto Wilches, Santander
1068	2021/11/18	08:01:41	6,585	-74,169	17,0	1,3	Cimitarra, Santander
1069	2021/11/18	08:28:25	6,086	-73,562	128,0	1,6	San Benito, Santander
1070	2021/11/18	08:31:51	6,771	-73,152	135,0	1,5	Los Santos, Santander
1071	2021/11/18	08:53:46	6,65	-73,526	114,0	1,2	El Carmen, Santander
1072	2021/11/18	09:11:41	6,783	-73,197	138,0	1,7	Los Santos, Santander
1073	2021/11/18	09:18:24	6,799	-73,184	147,0	1,6	Los Santos, Santander
1074	2021/11/18	09:31:17	6,316	-73,716	104,0	1,2	Vélez, Santander
1075	2021/11/18	09:56:30	6,156	-73,675	105,0	1,4	Vélez, Santander
1076	2021/11/18	10:16:18	6,753	-73,197	147,0	1,3	Villanueva, Santander
1077	2021/11/18	10:55:05	6,8	-73,141	144,0	1,6	Los Santos, Santander
1078	2021/11/18	13:01:15	7,311	-74,251	56,0	1,6	San Pablo, Bolívar
1079	2021/11/18	13:11:47	9,792	-72,955	30,0	1,8	Venezuela
1080	2021/11/18	14:01:01	6,545	-73,543	34,0	2,4	El Carmen, Santander
1081	2021/11/18	14:52:44	6,72	-73,206	136,0	1,6	Barichara, Santander
1082	2021/11/18	15:05:07	2,05	-75,879	4,0	1,1	Tarqui, Huila
1083	2021/11/18	15:06:42	6,793	-73,138	14,0	1,2	Los Santos, Santander
1084	2021/11/18	15:09:25	6,669	-73,193	131,0	1,7	Villanueva, Santander
1085	2021/11/18	15:25:27	2,041	-75,566	0,0	1,2	Florencia, Caquetá
1086	2021/11/18	16:15:40	5,199	-73,639	149,0	2,1	Chocontá, Cundinamarca
1087	2021/11/18	16:42:45	6,945	-76,948	32,0	2,4	Carmen del Darién (Curbaradó), Chocó
1088	2021/11/18	16:53:05	3,13	-75,9995	9,0	4,3	Área de Influencia Volcán Nevado del Huila
1089	2021/11/18	17:20:18	6,796	-73,167	137,0	1,7	Los Santos, Santander
1090	2021/11/18	18:01:19	6,597	-73,27	122,0	1,7	Cabrera, Santander
1091	2021/11/18	18:11:40	6,882	-72,084	22,0	2,9	Cubará, Boyacá
1092	2021/11/18	20:40:55	7,571	-74,894	80,0	2,1	Zaragoza, Antioquia
1093	2021/11/18	20:49:51	3,504	-77,332	29,0	2,1	Buenaventura, Valle del Cauca
1094	2021/11/18	21:31:31	5,157	-82,895	0,0	5,2	Sur de Panamá
1095	2021/11/18	22:39:38	7,639	-74,698	13,0	1,6	El Bagre, Antioquia
1096	2021/11/18	23:01:47	6,787	-73,176	145,0	3,2	Los Santos, Santander
1097	2021/11/18	23:49:12	2,435	-75,504	37,0	1,5	Gigante, Huila
1098	2021/11/19	00:20:37	6,568	-73,567	110,0	1,5	El Carmen, Santander
1099	2021/11/19	00:28:04	5,268	-73,709	133,0	1,8	Lenguazaque, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1100	2021/11/19	01:23:41	6,812	-73,155	144,0	2,4	Los Santos, Santander
1101	2021/11/19	01:33:40	5,421	-73,796	128,0	2,1	Susa, Cundinamarca
1102	2021/11/19	01:37:56	6,057	-78,236	33,0	2,5	Océano Pacífico
1103	2021/11/19	01:45:10	7,285	-76,298	83,0	2,1	Ituango, Antioquia
1104	2021/11/19	02:17:28	6,214	-73,67	108,0	1,8	La Paz, Santander
1105	2021/11/19	02:28:23	5,31	-73,688	133,0	1,7	Lenguazaque, Cundinamarca
1106	2021/11/19	02:35:44	1,54017	-76,9322	12,0	2,3	Volcán Animas_Dofia Juana
1107	2021/11/19	02:36:16	6,596	-72,064	4,0	1,4	Fortul, Arauca
1108	2021/11/19	02:56:48	8,975	-72,897	167,0	2,0	Tibú, Norte de Santander
1109	2021/11/19	03:38:37	7,079	-73,533	111,0	1,2	San Vicente de Chucurí, Santander
1110	2021/11/19	03:51:00	6,801	-73,184	139,0	1,5	Los Santos, Santander
1111	2021/11/19	03:54:37	6,408	-73,674	101,0	1,5	Vélez, Santander
1112	2021/11/19	04:24:58	2,53	-75,538	19,0	1,1	Yaguará, Huila
1113	2021/11/19	04:38:00	7,612	-73,279	138,0	1,6	Cáchira, Norte de Santander
1114	2021/11/19	05:03:41	2,074	-75,698	25,0	0,8	Guadalupe, Huila
1115	2021/11/19	05:12:20	2,868	-75,637	19,0	1,1	Santa María, Huila
1116	2021/11/19	05:29:22	6,799	-73,159	141,0	1,6	Los Santos, Santander
1117	2021/11/19	05:31:09	6,539	-74,75	49,0	1,1	Maceo, Antioquia
1118	2021/11/19	05:42:02	6,775	-73,308	151,0	1,5	Zapatoca, Santander
1119	2021/11/19	05:48:54	5,907	-73,718	106,0	1,3	Puente Nacional, Santander
1120	2021/11/19	06:34:57	10,947	-73,756	14,0	1,6	Santa Marta, Magdalena
1121	2021/11/19	06:37:24	6,743	-73,425	118,0	1,8	San Vicente de Chucurí, Santander
1122	2021/11/19	06:59:07	3,421	-74,433	18,0	1,6	Uribe, Meta
1123	2021/11/19	07:04:39	6,755	-76,549	107,0	1,7	Dabeiba, Antioquia
1124	2021/11/19	07:12:58	6,758	-73,154	125,0	1,5	Los Santos, Santander
1125	2021/11/19	07:16:18	7,29	-72,98	85,0	1,6	Charta, Santander
1126	2021/11/19	08:08:46	6,732	-73,201	138,0	1,6	Villanueva, Santander
1127	2021/11/19	08:46:55	5,225	-73,718	136,0	1,7	Suesca, Cundinamarca
1128	2021/11/19	08:50:43	7,746	-73,691	92,0	1,7	Rionegro, Santander
1129	2021/11/19	08:55:22	6,741	-73,184	130,0	1,5	Villanueva, Santander
1130	2021/11/19	08:57:53	4,214	-76,001	142,0	1,8	Bugalagrande, Valle del Cauca
1131	2021/11/19	09:06:41	6,782	-73,181	140,0	2,4	Los Santos, Santander
1132	2021/11/19	10:28:30	6,816	-73,27	137,0	1,5	Zapatoca, Santander
1133	2021/11/19	10:38:20	6,889	-73,253	141,0	1,8	Betulia, Santander
1134	2021/11/19	11:04:35	6,807	-73,215	137,0	1,4	Zapatoca, Santander
1135	2021/11/19	11:11:42	6,809	-73,16	142,0	1,8	Los Santos, Santander
1136	2021/11/19	11:23:26	5,297	-73,73	139,0	1,7	Lenguazaque, Cundinamarca
1137	2021/11/19	11:48:59	7,295	-78,677	4,0	3,1	Panamá
1138	2021/11/19	11:54:18	7,332	-78,57	9,0	2,7	Panamá
1139	2021/11/19	13:14:09	2,777	-73,997	26,0	2,6	Mesetas, Meta
1140	2021/11/19	13:18:23	2,771	-74,063	28,0	1,8	Mesetas, Meta
1141	2021/11/19	13:21:27	6,114	-73,845	104,0	1,1	El Peñón, Santander
1142	2021/11/19	13:39:43	1,969	-76,006	28,0	3,7	Elías, Huila
1143	2021/11/19	13:45:12	6,813	-73,17	146,0	1,8	Los Santos, Santander
1144	2021/11/19	13:49:41	1,996	-75,969	14,0	0,9	Elías, Huila
1145	2021/11/19	13:50:09	1,977	-75,995	19,0	1,1	Elías, Huila

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1146	2021/11/19	13:53:43	1,978	-75,992	14,0	1,0	Elías, Huila
1147	2021/11/19	14:26:24	6,856	-73,372	136,0	1,4	San Vicente de Chucurí, Santander
1148	2021/11/19	14:59:55	6,818	-73,196	136,0	1,8	Zapatoca, Santander
1149	2021/11/19	15:12:07	6,238	-72,278	0,0	1,4	Tame, Arauca
1150	2021/11/19	16:18:41	6,321	-72,28	20,0	1,4	Tame, Arauca
1151	2021/11/19	16:58:38	6,824	-73,225	137,0	1,6	Zapatoca, Santander
1152	2021/11/19	17:58:46	2,926	-74,871	33,0	1,7	Uribe, Meta
1153	2021/11/19	18:35:23	6,805	-76,178	0,0	1,6	Frontino, Antioquia
1154	2021/11/19	18:42:03	6,907	-73,227	141,0	1,6	Zapatoca, Santander
1155	2021/11/19	19:25:14	6,587	-73,577	93,0	1,3	El Carmen, Santander
1156	2021/11/19	20:19:14	6,711	-73,158	130,0	2,3	Villanueva, Santander
1157	2021/11/19	22:02:42	7,329	-78,651	0,0	4,4	Panamá
1158	2021/11/20	00:24:09	6,72	-73,129	135,0	1,8	Jordán, Santander
1159	2021/11/20	00:31:17	6,397	-74,709	25,0	0,8	Puerto Berrío, Antioquia
1160	2021/11/20	01:29:30	4,858	-74,82	22,0	1,1	Ambalema, Tolima
1161	2021/11/20	01:41:07	6,703	-73,171	132,0	1,6	Villanueva, Santander
1162	2021/11/20	01:45:40	5,288	-73,723	140,0	2,2	Lenguazaque, Cundinamarca
1163	2021/11/20	02:17:36	6,779	-73,152	141,0	1,6	Los Santos, Santander
1164	2021/11/20	02:18:51	11,482	-72,852	23,0	1,5	Riohacha, la Guajira
1165	2021/11/20	02:54:44	4,695	-75,805	38,0	1,9	Alcalá, Valle del Cauca
1166	2021/11/20	02:56:07	4,669	-75,891	29,0	3,6	Cartago, Valle del Cauca
1167	2021/11/20	03:00:42	1,92	-76,039	0,0	0,8	Pitalito, Huila
1168	2021/11/20	03:02:25	4,729	-75,727	32,0	1,1	Pereira, Risaralda
1169	2021/11/20	03:12:29	4,727	-75,801	32,0	1,4	Pereira, Risaralda
1170	2021/11/20	03:17:22	7,461	-75,339	6,0	1,1	Tarazá, Antioquia
1171	2021/11/20	03:43:42	6,859	-73,404	123,0	1,3	San Vicente de Chucurí, Santander
1172	2021/11/20	03:48:23	6,715	-73,12	131,0	1,6	Jordán, Santander
1173	2021/11/20	04:01:16	6,45	-73,761	98,0	1,1	Landázuri, Santander
1174	2021/11/20	04:52:37	10,733	-73,655	66,0	1,8	Aracataca, Magdalena
1175	2021/11/20	04:54:18	10,612	-73,566	70,0	1,6	Pueblo Bello, Cesar
1176	2021/11/20	05:28:47	5,877	-73,927	111,0	1,3	La Belleza, Santander
1177	2021/11/20	05:29:46	6,721	-73,196	137,0	2,0	Villanueva, Santander
1178	2021/11/20	05:33:13	7,385	-73,154	137,0	1,5	Rionegro, Santander
1179	2021/11/20	05:45:04	6,749	-73,176	137,0	1,7	Los Santos, Santander
1180	2021/11/20	06:01:48	6,746	-73,147	144,0	1,9	Los Santos, Santander
1181	2021/11/20	06:07:07	6,72	-73,103	135,0	1,5	Jordán, Santander
1182	2021/11/20	06:14:41	3,539	-74,228	8,0	2,6	Lejanías, Meta
1183	2021/11/20	06:51:05	6,839	-73,171	137,0	1,4	Zapatoca, Santander
1184	2021/11/20	07:00:13	6,861	-73,186	145,0	1,5	Zapatoca, Santander
1185	2021/11/20	07:04:39	1,967	-76,001	16,0	1,0	Elías, Huila
1186	2021/11/20	07:09:25	6,741	-73,201	131,0	1,7	Villanueva, Santander
1187	2021/11/20	07:14:56	5,956	-74,207	0,0	1,3	Bolívar, Santander
1188	2021/11/20	07:19:35	6,293	-73,665	106,0	1,5	La Paz, Santander
1189	2021/11/20	07:28:03	8,905	-73,405	128,0	1,6	El Carmen, Norte de Santander
1190	2021/11/20	07:33:26	6,828	-73,169	145,0	1,4	Los Santos, Santander
1191	2021/11/20	07:37:23	7,098	-72,909	122,0	1,6	Tona, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1192	2021/11/20	07:39:22	6,833	-73,176	146,0	1,6	Zapatoca, Santander
1193	2021/11/20	07:49:31	6,804	-73,166	146,0	1,4	Los Santos, Santander
1194	2021/11/20	08:04:25	1,682	-76,225	18,0	0,9	Pitalito, Huila
1195	2021/11/20	08:09:06	7,209	-74,191	7,0	1,7	Cantagallo, Bolívar
1196	2021/11/20	09:06:56	4,672	-75,521	33,0	1,3	Salento, Quindío
1197	2021/11/20	09:21:37	6,779	-73,184	144,0	2,0	Los Santos, Santander
1198	2021/11/20	09:23:21	6,78	-73,198	139,0	2,1	Los Santos, Santander
1199	2021/11/20	09:31:44	4,714	-75,709	40,0	1,3	Filandia, Quindío
1200	2021/11/20	09:42:03	5,78	-75,873	56,0	0,9	Pueblorrico, Antioquia
1201	2021/11/20	09:50:32	2,38	-75,436	25,0	1,2	Algeciras, Huila
1202	2021/11/20	09:54:04	6,754	-73,21	134,0	1,6	Villanueva, Santander
1203	2021/11/20	10:04:18	3,484	-74,212	13,0	2,0	Mesetas, Meta
1204	2021/11/20	10:09:53	6,724	-73,197	133,0	1,5	Villanueva, Santander
1205	2021/11/20	10:47:14	1,97	-75,999	25,0	1,8	Elías, Huila
1206	2021/11/20	10:48:18	6,648	-72,802	138,0	1,7	Molagavita, Santander
1207	2021/11/20	10:49:06	4,044	-75,933	172,0	2,1	Tuluá, Valle del Cauca
1208	2021/11/20	10:57:12	5,892	-74,211	0,0	1,0	Bolívar, Santander
1209	2021/11/20	11:00:26	6,817	-73,18	143,0	1,9	Los Santos, Santander
1210	2021/11/20	11:13:29	6,835	-73,328	122,0	1,3	Zapatoca, Santander
1211	2021/11/20	11:17:51	1,815	-75,698	22,0	2,9	Florencia, Caquetá
1212	2021/11/20	12:00:51	6,762	-73,39	111,0	1,4	San Vicente de Chucurí, Santander
1213	2021/11/20	12:52:45	6,753	-73,17	142,0	2,3	Los Santos, Santander
1214	2021/11/20	14:20:12	5,266	-73,771	133,0	1,7	Cucunubá, Cundinamarca
1215	2021/11/20	14:26:11	2,71	-76,767	31,0	1,1	Cajibío, Cauca
1216	2021/11/20	15:04:39	6,707	-73,137	135,0	1,6	Jordán, Santander
1217	2021/11/20	15:13:38	6,728	-73,163	136,0	1,9	Villanueva, Santander
1218	2021/11/20	17:00:12	3,875	-73,618	22,0	1,5	Acacías, Meta
1219	2021/11/20	20:13:32	2,666	-84,475	0,0	3,4	Océano Pacífico
1220	2021/11/20	20:22:08	7,718	-76,899	44,0	1,9	Turbo, Antioquia
1221	2021/11/20	21:50:23	6,773	-73,191	134,0	1,7	Los Santos, Santander
1222	2021/11/20	22:14:03	4,687	-75,841	38,0	1,3	Alcalá, Valle del Cauca
1223	2021/11/20	23:19:00	6,766	-73,206	133,0	1,8	Villanueva, Santander
1224	2021/11/20	23:25:54	5,306	-73,718	132,0	1,8	Lenguazaque, Cundinamarca
1225	2021/11/21	00:29:02	6,226	-73,75	105,0	1,1	Landázuri, Santander
1226	2021/11/21	00:32:40	11,048	-72,528	86,0	1,8	Barrancas, la Guajira
1227	2021/11/21	00:32:50	6,745	-73,159	127,0	1,5	Los Santos, Santander
1228	2021/11/21	00:44:59	5,293	-73,692	130,0	1,5	Lenguazaque, Cundinamarca
1229	2021/11/21	00:59:39	6,61	-73,227	135,0	1,7	Barichara, Santander
1230	2021/11/21	01:11:20	6,746	-73,175	141,0	2,3	Los Santos, Santander
1231	2021/11/21	01:24:11	6,663	-73,208	130,0	1,7	Barichara, Santander
1232	2021/11/21	01:28:04	6,369	-73,726	106,0	1,5	Landázuri, Santander
1233	2021/11/21	01:50:18	6,805	-73,2	142,0	2,6	Zapatoca, Santander
1234	2021/11/21	02:21:37	6,817	-73,195	144,0	1,5	Zapatoca, Santander
1235	2021/11/21	02:29:17	6,754	-73,206	134,0	1,7	Villanueva, Santander
1236	2021/11/21	02:33:29	6,738	-73,166	140,0	1,9	Los Santos, Santander
1237	2021/11/21	02:44:03	6,478	-73,235	155,0	1,7	Socorro, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1238	2021/11/21	02:55:40	6,606	-73,202	132,0	1,5	Barichara, Santander
1239	2021/11/21	02:57:51	6,465	-71,871	21,0	1,7	Tame, Arauca
1240	2021/11/21	02:59:51	6,69	-73,176	136,0	1,7	Villanueva, Santander
1241	2021/11/21	03:55:23	6,686	-73,184	132,0	1,6	Barichara, Santander
1242	2021/11/21	04:19:00	4,813	-76,363	83,0	1,9	San José del Palmar, Chocó
1243	2021/11/21	04:26:31	6,216	-73,244	140,0	1,5	Oiba, Santander
1244	2021/11/21	05:05:54	6,699	-73,158	131,0	1,5	Villanueva, Santander
1245	2021/11/21	05:14:33	1,912	-75,946	21,0	0,9	Timaná, Huila
1246	2021/11/21	05:40:47	4,882	-74,535	30,0	1,6	Bituima, Cundinamarca
1247	2021/11/21	05:44:59	5,586	-74,569	28,0	0,9	Puerto Salgar, Cundinamarca
1248	2021/11/21	05:48:39	6,846	-73,832	29,0	0,9	Simacota, Santander
1249	2021/11/21	05:52:23	6,749	-73,066	132,0	1,5	Los Santos, Santander
1250	2021/11/21	06:15:34	6,756	-73,177	144,0	1,6	Los Santos, Santander
1251	2021/11/21	06:23:01	6,777	-76,851	32,0	1,7	Murindó, Antioquia
1252	2021/11/21	06:43:25	1,831	-76,331	19,0	0,9	San Agustín, Huila
1253	2021/11/21	07:36:38	6,765	-73,202	138,0	2,4	Villanueva, Santander
1254	2021/11/21	07:44:10	2,375	-75,421	16,0	1,2	Algeciras, Huila
1255	2021/11/21	08:01:20	6,149	-73,644	119,0	1,3	La Paz, Santander
1256	2021/11/21	08:06:37	5,571	-73,597	12,0	1,6	Ráquira, Boyacá
1257	2021/11/21	08:16:26	7,068	-74,813	27,0	1,3	Remedios, Antioquia
1258	2021/11/21	08:22:52	5,374	-73,743	131,0	1,7	Guachetá, Cundinamarca
1259	2021/11/21	08:24:29	5,272	-75,127	58,0	1,2	Manzanares, Caldas
1260	2021/11/21	08:30:27	9,407	-77,748	30,0	1,7	Cerca de la Costa de Colombia
1261	2021/11/21	08:32:43	6,756	-73,182	139,0	1,8	Villanueva, Santander
1262	2021/11/21	08:41:56	6,86	-73,172	143,0	2,2	Zapatoca, Santander
1263	2021/11/21	08:59:35	8,98	-77,415	22,0	2,2	Panamá-Colombia
1264	2021/11/21	09:08:03	6,745	-73,201	143,0	1,7	Villanueva, Santander
1265	2021/11/21	09:23:36	6,278	-73,481	140,0	1,5	Contratación, Santander
1266	2021/11/21	09:50:03	6,694	-73,129	134,0	1,7	Jordán, Santander
1267	2021/11/21	10:54:29	7,838	-72,209	31,0	2,2	Norte Colombia
1268	2021/11/21	11:04:37	4,708	-76,42	68,0	1,6	Sipí, Chocó
1269	2021/11/21	11:05:15	7,352	-73,605	111,0	1,3	Sabana de Torres, Santander
1270	2021/11/21	11:35:52	6,707	-73,158	133,0	2,0	Villanueva, Santander
1271	2021/11/21	11:52:54	5,69	-73,268	19,0	1,1	Tuta, Boyacá
1272	2021/11/21	12:50:00	2,36	-75,674	32,0	1,1	Paicol, Huila
1273	2021/11/21	14:55:22	6,783	-73,184	141,0	1,9	Los Santos, Santander
1274	2021/11/21	15:29:01	2,376	-75,397	28,0	1,5	Algeciras, Huila
1275	2021/11/21	16:32:20	2,896	-78,092	3,0	1,6	Océano Pacífico
1276	2021/11/21	16:33:50	6,741	-73,188	130,0	1,8	Villanueva, Santander
1277	2021/11/21	16:37:06	9,71	-73,845	84,0	1,7	Santa Ana, Magdalena
1278	2021/11/21	17:25:41	6,826	-73,177	151,0	2,6	Los Santos, Santander
1279	2021/11/21	18:06:21	5,368	-76,273	50,0	1,2	Bagadó, Chocó
1280	2021/11/21	18:45:26	6,782	-73,127	133,0	1,6	Los Santos, Santander
1281	2021/11/21	18:56:16	5,386	-76,704	37,0	2,3	El Cantón del San Pablo (Managrú), Chocó
1282	2021/11/21	19:08:19	5,64	-75,5	13,0	0,7	Aguadas, Caldas
1283	2021/11/21	19:28:33	6,715	-73,154	131,0	1,8	Villanueva, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1284	2021/11/21	20:30:56	6,703	-73,363	128,0	1,4	Galán, Santander
1285	2021/11/21	21:08:37	6,794	-73,202	151,0	1,4	Zapatoca, Santander
1286	2021/11/21	21:20:38	1,957	-77,311	71,0	1,1	Leiva, Nariño
1287	2021/11/21	21:43:14	6,021	-73,261	13,0	1,6	Gámbita, Santander
1288	2021/11/21	22:11:57	6,705	-73,139	137,0	1,9	Jordán, Santander
1289	2021/11/21	23:17:03	9,493	-73,813	24,0	2,6	Astrea, Cesar
1290	2021/11/21	23:32:05	6,86	-73,2	143,0	1,5	Zapatoca, Santander
1291	2021/11/22	00:02:39	6,742	-73,13	133,0	2,0	Los Santos, Santander
1292	2021/11/22	00:08:09	6,749	-73,188	134,0	1,5	Villanueva, Santander
1293	2021/11/22	00:36:41	7,223	-73,154	146,0	1,9	Rionegro, Santander
1294	2021/11/22	01:39:49	6,776	-73,164	136,0	2,0	Los Santos, Santander
1295	2021/11/22	01:45:19	2,134	-76,917	0,0	0,4	Sucre, Cauca
1296	2021/11/22	01:47:32	6,758	-73,162	141,0	1,4	Los Santos, Santander
1297	2021/11/22	02:03:16	6,774	-73,172	145,0	2,4	Los Santos, Santander
1298	2021/11/22	02:04:49	5,369	-76,422	40,0	1,5	Cértegui, Chocó
1299	2021/11/22	02:21:36	6,802	-73,163	140,0	1,5	Los Santos, Santander
1300	2021/11/22	02:26:53	6,838	-73,211	141,0	1,5	Zapatoca, Santander
1301	2021/11/22	02:38:13	4,321	-76,468	102,0	1,8	Bolívar, Valle del Cauca
1302	2021/11/22	02:41:37	11,054	-73,831	6,0	1,5	Santa Marta, Magdalena
1303	2021/11/22	03:05:01	7,074	-75,955	0,0	1,4	Peque, Antioquia
1304	2021/11/22	03:05:40	6,784	-73,123	144,0	2,2	Los Santos, Santander
1305	2021/11/22	03:30:11	6,909	-73,451	145,0	1,2	San Vicente de Chucurí, Santander
1306	2021/11/22	03:31:59	2,703	-75,004	22,0	1,4	San Vicente del Caguán, Caquetá
1307	2021/11/22	03:37:11	6,394	-73,698	110,0	1,2	Landázuri, Santander
1308	2021/11/22	03:40:21	6,065	-73,692	115,0	1,8	Vélez, Santander
1309	2021/11/22	03:53:19	6,732	-73,141	129,0	1,6	Los Santos, Santander
1310	2021/11/22	04:02:00	1,951	-76,011	17,0	0,6	Pitalito, Huila
1311	2021/11/22	04:26:05	5,294	-73,719	146,0	2,6	Lenguazaque, Cundinamarca
1312	2021/11/22	04:29:30	6,769	-73,16	132,0	2,0	Los Santos, Santander
1313	2021/11/22	04:43:13	9,49	-73,833	22,0	1,6	Astrea, Cesar
1314	2021/11/22	04:51:56	6,784	-73,109	138,0	1,5	Los Santos, Santander
1315	2021/11/22	05:10:20	5,298	-73,738	143,0	3,1	Lenguazaque, Cundinamarca
1316	2021/11/22	05:44:12	6,713	-73,165	137,0	1,6	Villanueva, Santander
1317	2021/11/22	06:05:06	10,859	-73,384	64,0	1,4	Valledupar, Cesar
1318	2021/11/22	06:30:25	3,359	-78,866	20,0	3,1	Océano Pacifico
1319	2021/11/22	06:52:20	5,773	-75,47	5,0	1,1	Abejorral, Antioquia
1320	2021/11/22	06:55:22	7,43	-76,364	88,0	1,1	Tierralta, Córdoba
1321	2021/11/22	07:19:28	6,64	-73,275	104,0	1,3	Galán, Santander
1322	2021/11/22	07:27:30	5,725	-74,418	23,0	1,1	Yacopí, Cundinamarca
1323	2021/11/22	07:43:55	6,726	-73,198	140,0	1,5	Villanueva, Santander
1324	2021/11/22	08:30:07	7,391	-73,148	128,0	1,6	Rionegro, Santander
1325	2021/11/22	08:35:03	6,775	-73,218	134,0	1,5	Zapatoca, Santander
1326	2021/11/22	08:40:57	6,707	-73,116	134,0	1,6	Jordán, Santander
1327	2021/11/22	08:52:56	6,694	-73,094	136,0	1,8	Jordán, Santander
1328	2021/11/22	08:56:59	2,424	-75,553	25,0	1,1	Gigante, Huila
1329	2021/11/22	08:58:32	3,9	-76,401	126,0	2,1	Yotoco, Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1330	2021/11/22	09:16:09	6,542	-73,444	123,0	1,3	El Carmen, Santander
1331	2021/11/22	09:18:38	6,801	-73,208	141,0	1,4	Zapatoca, Santander
1332	2021/11/22	09:51:27	5,768	-76,525	45,0	1,1	Quibdó, Chocó
1333	2021/11/22	10:03:44	6,79	-73,184	141,0	1,5	Los Santos, Santander
1334	2021/11/22	10:42:02	5,264	-73,792	150,0	1,7	Cucunubá, Cundinamarca
1335	2021/11/22	11:10:24	6,724	-73,137	139,0	2,3	Jordán, Santander
1336	2021/11/22	11:35:56	8,011	-73,32	1,0	2,9	San Martín, Cesar
1337	2021/11/22	11:48:27	6,853	-73,185	144,0	1,7	Zapatoca, Santander
1338	2021/11/22	12:03:32	6,826	-73,176	144,0	1,7	Los Santos, Santander
1339	2021/11/22	12:13:07	6,765	-73,903	25,0	1,5	Simacota, Santander
1340	2021/11/22	12:14:19	6,934	-73,135	146,0	1,5	Girón, Santander
1341	2021/11/22	12:56:50	6,642	-73,403	124,0	1,3	El Carmen, Santander
1342	2021/11/22	14:45:54	3,7	-74,26	9,0	2,1	Uribe, Meta
1343	2021/11/22	15:12:01	2,458	-75,495	16,0	1,3	Gigante, Huila
1344	2021/11/22	15:14:59	2,244	-77,072	40,0	2,2	Patía (El Bordo), Cauca
1345	2021/11/22	15:17:48	3,367	-74,338	58,0	1,7	Uribe, Meta
1346	2021/11/22	15:28:57	6,804	-73,21	134,0	1,8	Zapatoca, Santander
1347	2021/11/22	15:51:46	2,884	-74,852	35,0	2,4	San Vicente del Caguán, Caquetá
1348	2021/11/22	16:02:22	2,063	-76,022	35,0	1,2	Oporapa, Huila
1349	2021/11/22	16:22:39	6,815	-73,044	145,0	1,6	Los Santos, Santander
1350	2021/11/22	16:42:11	6,787	-73,21	136,0	1,7	Zapatoca, Santander
1351	2021/11/22	17:07:54	6,892	-73,155	150,0	2,5	Los Santos, Santander
1352	2021/11/22	17:29:11	6,859	-73,167	138,0	2,1	Los Santos, Santander
1353	2021/11/22	18:50:18	6,741	-73,167	137,0	1,9	Los Santos, Santander
1354	2021/11/22	19:07:11	2,511	-75,381	37,0	1,2	Hobo, Huila
1355	2021/11/22	19:10:43	9,676	-73,765	27,0	1,6	El Paso, Cesar
1356	2021/11/22	19:29:28	6,72	-73,163	134,0	1,8	Villanueva, Santander
1357	2021/11/22	19:33:04	3,998	-76,24	78,0	1,6	San Pedro, Valle del Cauca
1358	2021/11/22	20:31:04	6,745	-73,159	134,0	1,6	Los Santos, Santander
1359	2021/11/22	20:35:54	4,71	-75,858	29,0	1,9	Cartago, Valle del Cauca
1360	2021/11/22	20:45:45	6,673	-73,133	135,0	2,0	Villanueva, Santander
1361	2021/11/22	23:06:44	2,005	-75,78	32,0	1,4	Guadalupe, Huila
1362	2021/11/22	23:09:37	6,394	-73,74	113,0	1,3	Landázuri, Santander
1363	2021/11/22	23:20:25	5,97	-74,026	95,0	1,6	La Belleza, Santander
1364	2021/11/22	23:50:28	6,793	-73,164	145,0	2,6	Los Santos, Santander
1365	2021/11/22	23:57:40	6,867	-73,238	142,0	1,5	Zapatoca, Santander
1366	2021/11/23	00:15:28	10,065	-72,814	146,0	1,6	Venezuela
1367	2021/11/23	00:37:48	3,724	-77,267	33,0	2,2	Océano Pacífico
1368	2021/11/23	00:52:15	6,736	-73,14	142,0	2,3	Los Santos, Santander
1369	2021/11/23	01:09:55	6,776	-73,138	139,0	2,5	Los Santos, Santander
1370	2021/11/23	01:20:24	5,342	-76,439	53,0	1,2	Tadó, Chocó
1371	2021/11/23	01:32:06	6,576	-73,464	128,0	1,5	El Carmen, Santander
1372	2021/11/23	01:32:20	6,69	-73,116	132,0	2,1	Jordán, Santander
1373	2021/11/23	02:46:31	6,792	-73,285	135,0	1,5	Zapatoca, Santander
1374	2021/11/23	03:02:41	6,732	-73,133	137,0	1,6	Los Santos, Santander
1375	2021/11/23	03:07:47	1,814	-75,665	23,0	1,0	Florencia, Caquetá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1376	2021/11/23	03:18:13	6,858	-73,262	128,0	2,3	Zapatoca, Santander
1377	2021/11/23	03:31:27	6,84	-73,162	135,0	1,5	Los Santos, Santander
1378	2021/11/23	03:57:12	3,516	-74,255	9,0	1,7	Mesetas, Meta
1379	2021/11/23	04:36:10	6,797	-73,195	136,0	1,6	Los Santos, Santander
1380	2021/11/23	05:07:04	6,814	-73,279	152,0	1,4	Zapatoca, Santander
1381	2021/11/23	05:49:38	6,471	-73,739	22,0	1,0	Vélez, Santander
1382	2021/11/23	05:52:46	3,029	-76,575	22,0	0,8	Santander de Quilichao, Cauca
1383	2021/11/23	05:55:10	6,742	-73,126	136,0	1,4	Los Santos, Santander
1384	2021/11/23	06:05:00	7,22	-76,352	76,0	1,7	Mutatá, Antioquia
1385	2021/11/23	06:05:55	5,588	-72,44	0,0	1,7	Paya, Boyacá
1386	2021/11/23	06:11:47	6,241	-73,155	2,0	1,3	Charalá, Santander
1387	2021/11/23	06:39:10	6,577	-73,209	156,0	1,5	Barichara, Santander
1388	2021/11/23	06:56:48	5,595	-74,035	112,0	2,3	Maripí, Boyacá
1389	2021/11/23	07:05:34	7,346	-78,609	38,0	4,8	Panamá
1390	2021/11/23	07:06:46	7,105	-78,684	19,0	4,6	Panamá
1391	2021/11/23	07:10:56	5,985	-76,458	18,0	2,2	Quibdó, Chocó
1392	2021/11/23	07:26:51	6,712	-73,168	136,0	2,2	Villanueva, Santander
1393	2021/11/23	08:17:48	7,312	-78,653	16,0	2,3	Panamá
1394	2021/11/23	08:27:14	6,717	-73,222	155,0	1,4	Barichara, Santander
1395	2021/11/23	08:29:05	6,673	-73,103	135,0	1,8	Curití, Santander
1396	2021/11/23	08:36:09	7,819	-76,369	49,0	3,2	Tierralta, Córdoba
1397	2021/11/23	08:41:34	3,311	-74,481	25,0	1,5	Uribe, Meta
1398	2021/11/23	08:48:26	6,605	-73,818	101,0	1,0	Puerto Parra, Santander
1399	2021/11/23	08:54:58	6,507	-73,455	39,0	0,8	Simacota, Santander
1400	2021/11/23	08:57:02	6,467	-73,752	13,0	0,8	Landázuri, Santander
1401	2021/11/23	08:58:31	6,865	-73,214	154,0	1,8	Zapatoca, Santander
1402	2021/11/23	09:00:32	7,38	-73,206	133,0	1,3	Rionegro, Santander
1403	2021/11/23	09:18:26	2,986	-74,739	23,0	1,4	Uribe, Meta
1404	2021/11/23	09:29:15	5,993	-73,711	107,0	1,8	Vélez, Santander
1405	2021/11/23	09:31:11	7,262	-78,617	32,0	2,0	Panamá
1406	2021/11/23	09:33:00	6,793	-73,192	145,0	2,8	Los Santos, Santander
1407	2021/11/23	10:09:55	7,278	-73,352	109,0	1,4	Lebrija, Santander
1408	2021/11/23	10:43:09	6,893	-76,217	32,0	2,4	Uramita, Antioquia
1409	2021/11/23	10:55:42	6,737	-73,176	131,0	1,6	Villanueva, Santander
1410	2021/11/23	11:47:11	2,1	-75,765	23,0	0,9	Altamira, Huila
1411	2021/11/23	12:02:20	6,309	-73,762	111,0	2,2	Landázuri, Santander
1412	2021/11/23	12:19:43	6,771	-73,214	134,0	1,7	Zapatoca, Santander
1413	2021/11/23	13:40:32	5,314	-73,991	110,0	1,7	San Cayetano, Cundinamarca
1414	2021/11/23	13:44:21	6,699	-73,188	132,0	2,2	Barichara, Santander
1415	2021/11/23	14:47:35	4,143	-78,385	10,0	2,7	Océano Pacífico
1416	2021/11/23	14:50:43	6,758	-73,197	141,0	1,9	Villanueva, Santander
1417	2021/11/23	15:19:22	6,491	-73,347	149,0	1,6	Simacota, Santander
1418	2021/11/23	15:31:52	6,897	-73,425	108,0	1,3	San Vicente de Chucurí, Santander
1419	2021/11/23	16:36:00	6,788	-73,147	141,0	2,2	Los Santos, Santander
1420	2021/11/23	17:50:48	2,43	-75,564	32,0	1,5	Gigante, Huila
1421	2021/11/23	18:06:45	6,761	-73,145	139,0	2,3	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1422	2021/11/23	18:47:13	5,247	-73,978	113,0	1,7	Carmen de Carupa, Cundinamarca
1423	2021/11/23	18:50:49	6,797	-73,291	142,0	1,4	Zapatoca, Santander
1424	2021/11/23	19:42:42	10,675	-73,398	53,0	1,8	Valledupar, Cesar
1425	2021/11/23	19:56:03	2,413	-75,585	27,0	1,2	Gigante, Huila
1426	2021/11/23	20:17:23	5,393	-74,925	5,0	1,5	Victoria, Caldas
1427	2021/11/23	20:43:30	6,771	-73,171	133,0	2,1	Los Santos, Santander
1428	2021/11/23	21:12:40	10,888	-72,686	125,0	1,9	Barrancas, la Guajira
1429	2021/11/23	21:20:26	5,245	-73,766	130,0	1,8	Cucunubá, Cundinamarca
1430	2021/11/23	21:41:36	6,773	-73,182	142,0	2,0	Los Santos, Santander
1431	2021/11/23	22:08:25	6,779	-73,15	137,0	1,9	Los Santos, Santander
1432	2021/11/23	22:23:40	6,805	-73,207	142,0	1,7	Zapatoca, Santander
1433	2021/11/23	22:49:26	6,83	-73,133	144,0	2,1	Los Santos, Santander
1434	2021/11/23	22:53:44	6,859	-73,159	145,0	1,9	Los Santos, Santander
1435	2021/11/23	23:15:54	6,634	-72,31	30,0	2,1	Guicán, Boyacá
1436	2021/11/23	23:34:46	6,37	-73,533	129,0	1,4	Santa Helena del Opón, Santander
1437	2021/11/23	23:36:02	6,817	-73,189	131,0	1,5	Zapatoca, Santander
1438	2021/11/24	00:24:31	6,987	-73,065	168,0	1,9	Piedecuesta, Santander
1439	2021/11/24	00:42:08	6,846	-72,796	130,0	1,6	San Andrés, Santander
1440	2021/11/24	00:43:17	6,787	-73,197	141,0	1,7	Los Santos, Santander
1441	2021/11/24	00:50:17	6,722	-73,165	151,0	1,4	Villanueva, Santander
1442	2021/11/24	00:51:14	6,741	-73,201	136,0	1,8	Villanueva, Santander
1443	2021/11/24	00:54:10	6,738	-73,147	141,0	2,0	Los Santos, Santander
1444	2021/11/24	00:55:36	6,92	-73,139	125,0	1,5	Girón, Santander
1445	2021/11/24	01:11:01	6,788	-73,184	153,0	1,4	Los Santos, Santander
1446	2021/11/24	01:21:38	5,738	-76,122	16,0	2,9	El Carmen, Chocó
1447	2021/11/24	01:26:23	6,635	-72,936	158,0	1,9	Curití, Santander
1448	2021/11/24	01:30:50	6,792	-73,171	141,0	2,4	Los Santos, Santander
1449	2021/11/24	01:35:48	6,923	-73,206	148,0	1,9	Girón, Santander
1450	2021/11/24	01:53:46	7,335	-78,637	26,0	2,4	Panamá
1451	2021/11/24	01:56:05	6,618	-73,535	107,0	2,1	El Carmen, Santander
1452	2021/11/24	02:03:16	6,416	-74,807	34,0	1,2	Caracolí, Antioquia
1453	2021/11/24	02:47:10	6,663	-73,16	149,0	1,5	Villanueva, Santander
1454	2021/11/24	02:56:13	6,724	-73,184	140,0	1,8	Villanueva, Santander
1455	2021/11/24	03:07:51	6,679	-73,165	133,0	1,6	Villanueva, Santander
1456	2021/11/24	03:19:41	6,69	-73,163	131,0	1,7	Villanueva, Santander
1457	2021/11/24	03:45:11	5,242	-73,961	122,0	1,7	Carmen de Carupa, Cundinamarca
1458	2021/11/24	03:48:43	7,504	-72,258	0,0	2,6	Norte Colombia
1459	2021/11/24	04:01:04	6,732	-73,167	142,0	1,8	Villanueva, Santander
1460	2021/11/24	04:09:14	6,847	-73,2	147,0	1,8	Zapatoca, Santander
1461	2021/11/24	04:11:53	6,773	-73,138	140,0	1,6	Los Santos, Santander
1462	2021/11/24	04:28:49	5,728	-73,816	116,0	1,5	Albania, Santander
1463	2021/11/24	04:30:13	2,771	-74,946	75,0	1,3	San Vicente del Caguán, Caquetá
1464	2021/11/24	05:25:47	6,745	-73,129	136,0	2,1	Los Santos, Santander
1465	2021/11/24	05:31:31	7,894	-73,285	154,0	2,1	Ábrego, Norte de Santander
1466	2021/11/24	05:44:40	6,818	-73,169	145,0	1,7	Los Santos, Santander
1467	2021/11/24	05:54:48	6,799	-73,196	149,0	2,3	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1468	2021/11/24	06:39:42	7,328	-78,629	27,0	2,5	Panamá
1469	2021/11/24	07:19:33	6,72	-73,184	134,0	1,9	Villanueva, Santander
1470	2021/11/24	07:42:12	6,741	-73,167	140,0	1,8	Los Santos, Santander
1471	2021/11/24	07:43:33	6,806	-73,215	136,0	1,4	Zapatoca, Santander
1472	2021/11/24	07:47:18	6,762	-73,204	143,0	1,6	Villanueva, Santander
1473	2021/11/24	07:52:49	6,429	-72,714	19,0	1,5	Tipacoque, Boyacá
1474	2021/11/24	07:58:49	7,24	-73,887	92,0	1,3	Puerto Wilches, Santander
1475	2021/11/24	08:00:49	2,758	-77,816	0,0	1,4	Océano Pacífico
1476	2021/11/24	08:07:19	5,251	-73,752	138,0	1,7	Cucunubá, Cundinamarca
1477	2021/11/24	08:18:30	5,641	-73,98	112,0	1,4	Pauna, Boyacá
1478	2021/11/24	08:20:36	7,344	-76,089	100,0	1,9	Ituango, Antioquia
1479	2021/11/24	10:02:06	5,886	-73,77	104,0	2,2	Jesús María, Santander
1480	2021/11/24	10:31:56	2,118	-75,599	38,0	1,0	Garzón, Huila
1481	2021/11/24	10:49:00	6,817	-73,199	143,0	1,6	Zapatoca, Santander
1482	2021/11/24	11:16:03	5,38	-75,882	4,0	1,3	Mistrató, Risaralda
1483	2021/11/24	11:41:35	6,772	-73,175	144,0	2,6	Los Santos, Santander
1484	2021/11/24	11:47:14	6,186	-73,441	123,0	2,0	Guadalupe, Santander
1485	2021/11/24	11:50:11	7,174	-73,139	174,0	1,6	Bucaramanga, Santander
1486	2021/11/24	12:46:04	6,986	-72,75	167,0	2,0	Guaca, Santander
1487	2021/11/24	13:26:50	6,972	-74,728	14,0	1,4	Remedios, Antioquia
1488	2021/11/24	13:48:11	6,758	-73,231	139,0	1,5	Zapatoca, Santander
1489	2021/11/24	14:12:09	6,764	-73,067	147,0	1,7	Los Santos, Santander
1490	2021/11/24	14:46:33	6,968	-73,205	149,0	1,6	Girón, Santander
1491	2021/11/24	14:52:11	6,782	-73,207	146,0	1,7	Zapatoca, Santander
1492	2021/11/24	15:08:52	6,83	-73,204	147,0	1,9	Zapatoca, Santander
1493	2021/11/24	15:49:05	6,794	-73,181	145,0	1,5	Los Santos, Santander
1494	2021/11/24	17:19:09	6,886	-73,214	138,0	1,7	Zapatoca, Santander
1495	2021/11/24	17:29:20	9,598	-73,484	0,0	2,2	El Paso, Cesar
1496	2021/11/24	18:39:24	5,408	-74,922	12,0	1,7	Samaná, Caldas
1497	2021/11/24	19:10:03	6,816	-73,221	141,0	1,5	Zapatoca, Santander
1498	2021/11/24	19:10:56	6,745	-73,129	129,0	1,5	Los Santos, Santander
1499	2021/11/24	19:21:49	5,751	-76,113	13,0	1,1	El Carmen, Chocó
1500	2021/11/24	19:51:33	6,766	-73,188	138,0	2,0	Los Santos, Santander
1501	2021/11/24	20:04:46	6,809	-73,179	143,0	1,6	Los Santos, Santander
1502	2021/11/24	21:51:04	9,788	-73,076	4,0	2,1	Becerrill, Cesar
1503	2021/11/24	21:57:27	6,74	-73,145	130,0	2,2	Los Santos, Santander
1504	2021/11/24	22:02:35	6,758	-73,193	135,0	2,1	Villanueva, Santander
1505	2021/11/24	22:29:53	3,514	-74,198	14,0	1,7	Mesetas, Meta
1506	2021/11/24	23:08:27	6,758	-73,287	115,0	1,6	Zapatoca, Santander
1507	2021/11/24	23:43:04	2,43	-75,555	34,0	1,1	Gigante, Huila
1508	2021/11/25	00:10:50	5,295	-78,406	16,0	2,3	Océano Pacífico
1509	2021/11/25	00:15:04	6,43	-74,828	131,0	1,6	Caracolí, Antioquia
1510	2021/11/25	00:27:15	6,842	-73,18	143,0	1,7	Zapatoca, Santander
1511	2021/11/25	01:06:06	6,404	-73,306	129,0	1,6	Palmas del Socorro, Santander
1512	2021/11/25	01:10:56	6,844	-73,178	142,0	1,5	Zapatoca, Santander
1513	2021/11/25	01:37:39	5,434	-77,685	16,0	2,0	Océano Pacífico

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1514	2021/11/25	01:54:52	3,877	-74,892	30,0	0,8	Purificación, Tolima
1515	2021/11/25	02:03:48	6,686	-73,163	134,0	1,8	Villanueva, Santander
1516	2021/11/25	02:09:25	5,428	-73,065	89,0	1,5	Pesca, Boyacá
1517	2021/11/25	02:23:02	2,421	-75,573	33,0	1,0	Gigante, Huila
1518	2021/11/25	02:34:59	2,039	-77,227	119,0	1,0	Balboa, Cauca
1519	2021/11/25	03:12:31	6,703	-73,176	131,0	1,6	Villanueva, Santander
1520	2021/11/25	03:21:03	6,887	-73,097	125,0	1,4	Los Santos, Santander
1521	2021/11/25	03:28:12	7,614	-74,691	9,0	1,6	El Bagre, Antioquia
1522	2021/11/25	03:42:23	6,762	-73,133	142,0	2,2	Los Santos, Santander
1523	2021/11/25	04:21:43	6,775	-73,21	141,0	1,7	Zapatoca, Santander
1524	2021/11/25	04:36:41	4,111	-76,922	94,0	2,0	El Litoral del San Juan (Docordó), Chocó
1525	2021/11/25	04:45:37	6,985	-73,608	35,0	1,2	San Vicente de Chucurí, Santander
1526	2021/11/25	05:10:57	6,894	-73,397	115,0	1,2	San Vicente de Chucurí, Santander
1527	2021/11/25	05:25:20	6,809	-73,158	144,0	1,5	Los Santos, Santander
1528	2021/11/25	06:23:54	2,968	-74,822	29,0	2,5	Uribe, Meta
1529	2021/11/25	06:57:12	6,858	-73,438	124,0	1,4	San Vicente de Chucurí, Santander
1530	2021/11/25	06:59:56	6,788	-73,217	140,0	2,5	Zapatoca, Santander
1531	2021/11/25	07:21:29	6,792	-73,236	137,0	2,1	Zapatoca, Santander
1532	2021/11/25	07:31:08	1,743	-77,413	24,0	1,2	Policarpa, Nariño
1533	2021/11/25	07:32:06	6,812	-73,196	142,0	1,6	Zapatoca, Santander
1534	2021/11/25	07:33:53	5,377	-76,303	105,0	1,9	Bagadó, Chocó
1535	2021/11/25	07:52:06	6,811	-73,272	138,0	1,3	Zapatoca, Santander
1536	2021/11/25	07:57:13	1,764	-77,397	24,0	1,0	El Rosario, Nariño
1537	2021/11/25	08:04:04	5,217	-73,764	133,0	1,6	Cucunubá, Cundinamarca
1538	2021/11/25	08:18:17	6,71	-73,183	145,0	1,6	Barichara, Santander
1539	2021/11/25	09:47:35	6,778	-73,164	141,0	2,4	Los Santos, Santander
1540	2021/11/25	09:54:58	6,794	-73,184	141,0	1,4	Los Santos, Santander
1541	2021/11/25	10:01:19	5,777	-74,313	38,0	1,6	Yacopí, Cundinamarca
1542	2021/11/25	10:13:53	5,272	-73,748	152,0	1,6	Cucunubá, Cundinamarca
1543	2021/11/25	10:16:24	5,07	-74,805	25,0	1,4	Armero (Guayabal), Tolima
1544	2021/11/25	10:49:40	6,766	-73,159	144,0	2,8	Los Santos, Santander
1545	2021/11/25	11:12:46	4,76	-76,296	82,0	2,1	San José del Palmar, Chocó
1546	2021/11/25	11:19:54	6,764	-73,216	133,0	1,6	Zapatoca, Santander
1547	2021/11/25	11:43:03	10,539	-72,386	5,0	2,3	Venezuela
1548	2021/11/25	12:56:19	6,795	-73,206	141,0	2,0	Zapatoca, Santander
1549	2021/11/25	13:26:29	6,835	-73,204	141,0	1,6	Zapatoca, Santander
1550	2021/11/25	15:11:27	6,738	-73,119	138,0	2,4	Los Santos, Santander
1551	2021/11/25	15:35:16	6,402	-74,043	30,0	1,4	Cimitarra, Santander
1552	2021/11/25	16:47:29	6,817	-73,197	140,0	2,4	Zapatoca, Santander
1553	2021/11/25	17:27:17	5,694	-76,472	43,0	2,5	Quibdó, Chocó
1554	2021/11/25	19:08:33	6,808	-73,165	145,0	1,7	Los Santos, Santander
1555	2021/11/25	19:47:28	6,802	-73,185	140,0	1,6	Los Santos, Santander
1556	2021/11/25	20:15:26	6,764	-73,11	139,0	1,9	Los Santos, Santander
1557	2021/11/25	22:57:43	6,814	-73,089	145,0	1,8	Los Santos, Santander
1558	2021/11/25	23:13:24	6,836	-73,152	147,0	2,0	Los Santos, Santander
1559	2021/11/25	23:43:11	6,769	-73,196	138,0	2,3	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1560	2021/11/25	23:54:03	10,164	-72,95	0,0	1,7	Agustín Codazzi, Cesar
1561	2021/11/26	00:15:37	11,386	-72,484	69,0	1,6	Maicao, la Guajira
1562	2021/11/26	00:29:37	6,739	-73,148	130,0	1,5	Los Santos, Santander
1563	2021/11/26	00:40:39	6,708	-73,087	136,0	2,2	Jordán, Santander
1564	2021/11/26	01:37:50	6,566	-73,75	91,0	1,3	Simacota, Santander
1565	2021/11/26	01:41:27	6,745	-73,163	137,0	1,6	Los Santos, Santander
1566	2021/11/26	02:13:11	6,775	-73,129	137,0	1,8	Los Santos, Santander
1567	2021/11/26	02:33:36	3,458	-74,191	13,0	1,4	Mesetas, Meta
1568	2021/11/26	02:33:40	6,785	-73,156	134,0	1,6	Los Santos, Santander
1569	2021/11/26	02:43:51	7,104	-73,008	108,0	1,4	Floridablanca, Santander
1570	2021/11/26	03:20:31	6,797	-73,141	151,0	4,4	Los Santos, Santander
1571	2021/11/26	03:33:30	6,635	-73,253	34,0	1,2	Barichara, Santander
1572	2021/11/26	03:42:29	10,973	-73,346	43,0	1,5	Dibulla, la Guajira
1573	2021/11/26	03:44:15	6,777	-73,123	146,0	1,6	Los Santos, Santander
1574	2021/11/26	03:48:18	10,571	-76,684	12,0	2,3	Mar Caribe
1575	2021/11/26	03:50:17	2,753	-77,904	59,0	1,8	Océano Pacifico
1576	2021/11/26	04:22:40	6,784	-73,181	145,0	2,7	Los Santos, Santander
1577	2021/11/26	04:32:14	6,62	-73,238	119,0	1,7	Cabrera, Santander
1578	2021/11/26	04:46:18	11,87	-72,697	52,0	1,8	Mar Caribe
1579	2021/11/26	04:46:33	6,56	-74,487	34,0	1,4	Puerto Berrío, Antioquia
1580	2021/11/26	05:07:05	6,771	-73,069	137,0	1,7	Los Santos, Santander
1581	2021/11/26	05:33:05	6,605	-73,52	118,0	1,3	El Carmen, Santander
1582	2021/11/26	05:44:11	6,652	-77,124	79,0	1,7	Bojayá (Bellavista), Chocó
1583	2021/11/26	06:01:14	6,793	-73,202	143,0	3,2	Zapatoca, Santander
1584	2021/11/26	07:01:52	6,823	-73,182	150,0	1,5	Los Santos, Santander
1585	2021/11/26	07:20:07	2,402	-79,677	30,0	1,8	Océano Pacifico
1586	2021/11/26	07:27:53	6,699	-73,111	139,0	1,8	Jordán, Santander
1587	2021/11/26	08:13:55	6,749	-73,154	133,0	1,6	Los Santos, Santander
1588	2021/11/26	08:24:20	6,565	-72,07	0,0	1,4	Fortul, Arauca
1589	2021/11/26	08:29:41	10,167	-72,996	102,0	1,6	La Paz, Cesar
1590	2021/11/26	08:30:25	4,509	-75,578	14,0	1,2	Calarcá, Quindío
1591	2021/11/26	08:45:22	5,388	-77,908	11,0	2,0	Océano Pacifico
1592	2021/11/26	08:59:06	6,741	-73,124	133,0	1,6	Los Santos, Santander
1593	2021/11/26	09:08:36	6,864	-76,164	0,0	1,4	Uramita, Antioquia
1594	2021/11/26	10:08:23	6,044	-74,174	26,0	1,0	Bolivar, Santander
1595	2021/11/26	10:16:28	6,799	-73,231	143,0	1,4	Zapatoca, Santander
1596	2021/11/26	10:20:48	3,374	-74,451	15,0	1,4	Uribe, Meta
1597	2021/11/26	11:09:58	5,462	-73,786	121,0	1,7	Susa, Cundinamarca
1598	2021/11/26	11:37:58	5,884	-76,97	18,0	1,8	Quibdó, Chocó
1599	2021/11/26	12:12:07	7,352	-75,256	4,0	4,3	Tarazá, Antioquia
1600	2021/11/26	13:00:35	7,345	-75,414	71,0	1,4	Valdivia, Antioquia
1601	2021/11/26	13:07:55	6,763	-72,844	129,0	1,4	San Andrés, Santander
1602	2021/11/26	13:27:24	6,85	-73,154	147,0	3,1	Los Santos, Santander
1603	2021/11/26	13:50:40	6,818	-73,155	148,0	3,0	Los Santos, Santander
1604	2021/11/26	13:54:54	6,907	-72,707	123,0	1,5	Cerrito, Santander
1605	2021/11/26	14:12:33	6,782	-73,161	145,0	1,5	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1606	2021/11/26	14:14:55	2,032	-75,764	4,0	1,8	Altamira, Huila
1607	2021/11/26	15:19:23	5,663	-76,644	45,0	2,1	Quibdó, Chocó
1608	2021/11/26	16:10:07	6,811	-73,196	144,0	1,5	Zapatoca, Santander
1609	2021/11/26	16:17:20	6,75	-76,314	0,0	2,3	Frontino, Antioquia
1610	2021/11/26	17:20:12	6,711	-73,12	134,0	2,1	Jordán, Santander
1611	2021/11/26	17:34:45	3,47	-78,905	58,0	2,5	Océano Pacífico
1612	2021/11/26	17:54:46	6,808	-73,19	145,0	1,6	Zapatoca, Santander
1613	2021/11/26	18:10:33	5,842	-73,803	16,0	1,7	Jesús María, Santander
1614	2021/11/26	18:12:48	2,416	-76,497	16,0	0,6	Popayán, Cauca
1615	2021/11/26	18:31:37	8,494	-76,544	61,0	2,2	Necoclí, Antioquia
1616	2021/11/26	18:41:39	6,11	-73,734	106,0	1,7	Vélez, Santander
1617	2021/11/26	18:57:13	6,819	-73,153	138,0	1,7	Los Santos, Santander
1618	2021/11/26	20:00:25	6,843	-73,162	148,0	2,5	Los Santos, Santander
1619	2021/11/26	20:12:02	6,837	-73,196	144,0	1,7	Zapatoca, Santander
1620	2021/11/26	20:37:19	6,822	-73,167	146,0	1,7	Los Santos, Santander
1621	2021/11/26	20:52:36	5,606	-74,077	111,0	1,6	Maripí, Boyacá
1622	2021/11/26	20:54:02	6,05	-73,734	106,0	1,6	Vélez, Santander
1623	2021/11/27	00:06:41	6,724	-73,176	138,0	1,7	Villanueva, Santander
1624	2021/11/27	00:42:07	2,318	-75,734	20,0	1,1	Agrado, Huila
1625	2021/11/27	00:45:08	6,779	-73,176	144,0	1,8	Los Santos, Santander
1626	2021/11/27	00:47:21	5,251	-73,743	135,0	1,7	Cucunubá, Cundinamarca
1627	2021/11/27	01:04:21	6,823	-73,285	142,0	1,6	Zapatoca, Santander
1628	2021/11/27	01:21:14	2,787	-77,263	98,0	1,1	López, Cauca
1629	2021/11/27	01:24:39	6,745	-73,141	142,0	1,6	Los Santos, Santander
1630	2021/11/27	01:30:47	6,8	-73,193	142,0	1,6	Los Santos, Santander
1631	2021/11/27	01:56:33	6,164	-73,921	98,0	1,2	Bolívar, Santander
1632	2021/11/27	03:29:35	6,707	-73,146	134,0	1,8	Jordán, Santander
1633	2021/11/27	03:31:57	6,472	-74,666	65,0	0,4	Maceo, Antioquia
1634	2021/11/27	03:36:17	6,787	-73,18	134,0	1,6	Los Santos, Santander
1635	2021/11/27	03:38:45	6,732	-73,124	142,0	2,0	Los Santos, Santander
1636	2021/11/27	03:44:06	2,078	-77,232	118,0	1,1	Balboa, Cauca
1637	2021/11/27	03:52:05	10,415	-72,486	3,0	1,8	Venezuela
1638	2021/11/27	04:15:15	6,751	-73,179	135,0	1,5	Villanueva, Santander
1639	2021/11/27	04:31:47	6,782	-73,258	144,0	1,7	Zapatoca, Santander
1640	2021/11/27	04:32:33	6,771	-73,146	141,0	1,8	Los Santos, Santander
1641	2021/11/27	04:45:48	6,784	-73,17	147,0	2,2	Los Santos, Santander
1642	2021/11/27	05:28:01	6,832	-72,404	117,0	1,8	Chiscas, Boyacá
1643	2021/11/27	05:28:37	6,766	-73,154	143,0	2,0	Los Santos, Santander
1644	2021/11/27	05:36:23	6,82	-73,25	146,0	1,7	Zapatoca, Santander
1645	2021/11/27	05:55:09	11,666	-74,576	50,0	2,0	Mar Caribe
1646	2021/11/27	05:58:15	6,749	-73,21	126,0	1,4	Villanueva, Santander
1647	2021/11/27	06:31:44	10,076	-73,167	118,0	1,6	La Paz, Cesar
1648	2021/11/27	06:37:17	6,618	-73,06	123,0	1,9	Curití, Santander
1649	2021/11/27	06:57:18	7,947	-73,221	135,0	1,8	Ábrego, Norte de Santander
1650	2021/11/27	07:07:47	5,745	-73,89	104,0	1,7	Albania, Santander
1651	2021/11/27	07:14:57	6,762	-73,086	143,0	1,6	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1652	2021/11/27	08:52:14	6,725	-73,378	129,0	1,3	San Vicente de Chucurí, Santander
1653	2021/11/27	09:37:43	10,642	-74,869	31,0	1,4	Sabanalarga, Atlántico
1654	2021/11/27	09:46:17	6,721	-76,379	0,0	1,6	Frontino, Antioquia
1655	2021/11/27	10:04:19	6,773	-73,127	139,0	2,1	Los Santos, Santander
1656	2021/11/27	10:29:42	3,503	-74,26	12,0	1,7	Mesetas, Meta
1657	2021/11/27	10:40:26	5,626	-74,042	102,0	1,1	Maripí, Boyacá
1658	2021/11/27	10:55:35	6,906	-73,094	152,0	1,5	Piedecuesta, Santander
1659	2021/11/27	11:06:43	3,571	-74,467	36,0	1,5	Uribe, Meta
1660	2021/11/27	11:09:06	6,811	-73,149	142,0	1,6	Los Santos, Santander
1661	2021/11/27	12:05:14	5,737	-76,156	19,0	3,5	El Carmen, Chocó
1662	2021/11/27	12:16:24	6,719	-73,168	130,0	2,2	Villanueva, Santander
1663	2021/11/27	12:32:10	6,603	-73,736	96,0	1,4	Simacota, Santander
1664	2021/11/27	13:24:41	2,07	-75,721	14,0	1,0	Altamira, Huila
1665	2021/11/27	13:28:54	3,225	-79,268	4,0	1,7	Océano Pacífico
1666	2021/11/27	13:54:46	6,822	-73,183	141,0	1,3	Zapatoca, Santander
1667	2021/11/27	14:04:41	5,946	-73,444	128,0	2,9	Chitaraque, Boyacá
1668	2021/11/27	14:12:01	6,663	-73,552	114,0	1,8	El Carmen, Santander
1669	2021/11/27	14:35:44	6,82	-76,925	1,0	2,0	Vigia del Fuerte, Antioquia
1670	2021/11/27	15:05:22	2,317	-75,641	3,0	1,2	Gigante, Huila
1671	2021/11/27	15:28:16	6,281	-74,442	9,0	1,6	Cimitarra, Santander
1672	2021/11/27	15:41:53	3,481	-74,268	4,0	1,6	Mesetas, Meta
1673	2021/11/27	15:48:50	5,783	-74,868	0,0	1,0	Sonsón, Antioquia
1674	2021/11/27	17:21:17	4,825	-75,228	30,0	0,8	Murillo, Tolima
1675	2021/11/27	17:23:16	9,576	-73,8	29,0	1,5	Astrea, Cesar
1676	2021/11/27	17:36:31	6,784	-73,627	106,0	1,4	El Carmen, Santander
1677	2021/11/27	17:48:46	6,724	-73,124	130,0	2,2	Jordán, Santander
1678	2021/11/27	17:54:13	6,767	-73,158	145,0	1,6	Los Santos, Santander
1679	2021/11/27	19:00:28	9,554	-73,821	35,0	1,4	Astrea, Cesar
1680	2021/11/27	19:07:13	4,298	-75,387	4,0	2,4	Rovira, Tolima
1681	2021/11/27	20:32:24	2,468	-75,534	14,0	1,4	Gigante, Huila
1682	2021/11/27	21:18:41	9,525	-73,821	23,0	1,7	Astrea, Cesar
1683	2021/11/27	21:19:50	6,765	-73,164	137,0	2,8	Los Santos, Santander
1684	2021/11/27	22:21:16	6,774	-73,175	139,0	3,0	Los Santos, Santander
1685	2021/11/27	22:27:02	6,766	-73,114	142,0	1,9	Los Santos, Santander
1686	2021/11/27	23:32:59	5,253	-73,714	150,0	1,7	Lenguazaque, Cundinamarca
1687	2021/11/28	00:17:58	6,732	-73,184	150,0	1,9	Villanueva, Santander
1688	2021/11/28	00:41:08	6,25	-73,662	116,0	1,3	La Paz, Santander
1689	2021/11/28	01:01:03	4,192	-76,639	27,0	1,4	El Litoral del San Juan (Docordó), Chocó
1690	2021/11/28	01:02:10	6,802	-73,184	150,0	1,5	Los Santos, Santander
1691	2021/11/28	01:06:19	6,849	-73,18	136,0	1,9	Zapatoca, Santander
1692	2021/11/28	01:22:07	6,465	-73,94	88,0	1,2	Cimitarra, Santander
1693	2021/11/28	01:57:43	6,733	-73,147	139,0	2,1	Los Santos, Santander
1694	2021/11/28	02:36:54	6,402	-73,261	138,0	1,9	Palmas del Socorro, Santander
1695	2021/11/28	02:47:59	6,777	-73,154	148,0	1,4	Los Santos, Santander
1696	2021/11/28	02:53:17	5,615	-74,004	100,0	1,2	Pauna, Boyacá
1697	2021/11/28	02:55:03	7,243	-76,316	28,0	1,7	Mutatá, Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1698	2021/11/28	03:24:55	6,014	-73,996	0,0	0,9	Sucre, Santander
1699	2021/11/28	03:37:45	9,81	-73,792	84,0	1,7	El Paso, Cesar
1700	2021/11/28	03:56:09	11,127	-73,929	20,0	1,5	Santa Marta, Magdalena
1701	2021/11/28	04:08:57	6,753	-73,117	143,0	1,4	Los Santos, Santander
1702	2021/11/28	04:50:24	6,724	-73,137	139,0	1,8	Jordán, Santander
1703	2021/11/28	04:53:49	2,464	-75,494	27,0	1,1	Gigante, Huila
1704	2021/11/28	04:57:14	9,224	-75,685	83,0	1,5	Momil, Córdoba
1705	2021/11/28	05:04:50	1,96	-75,944	0,0	1,0	Timaná, Huila
1706	2021/11/28	05:28:23	6,722	-73,435	121,0	1,3	El Carmen, Santander
1707	2021/11/28	05:34:03	6,749	-73,523	99,0	1,6	El Carmen, Santander
1708	2021/11/28	05:45:36	6,79	-73,175	142,0	1,5	Los Santos, Santander
1709	2021/11/28	06:02:12	6,742	-73,188	145,0	1,8	Villanueva, Santander
1710	2021/11/28	06:23:49	6,545	-73,733	99,0	1,2	Simacota, Santander
1711	2021/11/28	06:58:11	6,094	-73,947	9,0	1,5	El Peñón, Santander
1712	2021/11/28	08:02:44	6,844	-73,168	146,0	1,7	Los Santos, Santander
1713	2021/11/28	08:14:15	6,868	-73,407	109,0	1,3	San Vicente de Chucurí, Santander
1714	2021/11/28	08:18:02	4,952	-75,99	97,0	2,0	Balboa, Risaralda
1715	2021/11/28	08:35:55	4,433	-75,699	10,0	1,1	Calarcá, Quindío
1716	2021/11/28	08:38:34	6,812	-73,223	144,0	1,5	Zapatoca, Santander
1717	2021/11/28	08:42:27	6,8	-73,177	143,0	1,5	Los Santos, Santander
1718	2021/11/28	09:03:48	4,29	-75,384	16,0	1,1	Rovira, Tolima
1719	2021/11/28	09:14:25	6,809	-73,207	143,0	1,6	Zapatoca, Santander
1720	2021/11/28	09:42:13	7,453	-76,975	46,0	3,5	Riosucio, Chocó
1721	2021/11/28	10:15:59	6,737	-73,184	135,0	1,7	Villanueva, Santander
1722	2021/11/28	12:14:02	6,763	-73,202	141,0	2,6	Villanueva, Santander
1723	2021/11/28	12:30:24	10,928	-73,762	19,0	1,8	Santa Marta, Magdalena
1724	2021/11/28	13:17:57	6,682	-73,158	136,0	1,9	Villanueva, Santander
1725	2021/11/28	14:05:44	2,485	-75,521	21,0	1,2	Gigante, Huila
1726	2021/11/28	14:23:01	4,716	-74,855	25,0	1,0	Venadillo, Tolima
1727	2021/11/28	14:35:58	7,073	-76,352	102,0	1,8	Dabeiba, Antioquia
1728	2021/11/28	15:18:04	6,782	-73,196	141,0	2,9	Los Santos, Santander
1729	2021/11/28	15:53:06	6,835	-73,198	148,0	1,7	Zapatoca, Santander
1730	2021/11/28	16:53:49	6,778	-73,175	142,0	2,6	Los Santos, Santander
1731	2021/11/28	17:18:22	6,808	-73,196	147,0	3,1	Zapatoca, Santander
1732	2021/11/28	17:29:16	6,766	-73,146	135,0	2,3	Los Santos, Santander
1733	2021/11/28	19:03:28	6,78	-73,168	142,0	2,9	Los Santos, Santander
1734	2021/11/28	19:10:19	6,523	-73,586	110,0	1,6	Simacota, Santander
1735	2021/11/28	21:15:55	5,269	-75,984	58,0	1,2	Pueblo Rico, Risaralda
1736	2021/11/28	21:20:18	5,666	-74,362	85,0	1,4	Yacopí, Cundinamarca
1737	2021/11/28	23:41:18	6,714	-73,175	134,0	2,2	Villanueva, Santander
1738	2021/11/29	00:04:49	6,771	-73,146	143,0	2,2	Los Santos, Santander
1739	2021/11/29	00:05:34	6,584	-73,595	118,0	1,8	El Carmen, Santander
1740	2021/11/29	00:17:41	6,774	-73,127	144,0	2,1	Los Santos, Santander
1741	2021/11/29	00:32:26	5,692	-76,104	10,0	1,0	El Carmen, Chocó
1742	2021/11/29	00:48:25	7,086	-73,324	9,0	1,1	Girón, Santander
1743	2021/11/29	01:15:26	5,297	-73,756	133,0	1,6	Lenguazaque, Cundinamarca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1744	2021/11/29	01:30:02	4,75	-74,881	22,0	1,2	Venadillo, Tolima
1745	2021/11/29	01:31:30	6,872	-73,393	120,0	1,6	San Vicente de Chucurí, Santander
1746	2021/11/29	01:53:28	2,047	-76,063	17,0	0,9	Oporapa, Huila
1747	2021/11/29	02:22:10	6,694	-73,158	138,0	1,8	Villanueva, Santander
1748	2021/11/29	02:40:45	6,762	-73,206	136,0	1,5	Villanueva, Santander
1749	2021/11/29	03:02:54	6,075	-76,033	39,0	2,3	Urrao, Antioquia
1750	2021/11/29	03:47:19	6,786	-73,17	145,0	2,0	Los Santos, Santander
1751	2021/11/29	03:57:06	6,766	-73,167	142,0	2,7	Los Santos, Santander
1752	2021/11/29	04:29:29	5,601	-75,599	13,0	1,0	Valparaiso, Antioquia
1753	2021/11/29	04:37:40	4,623	-74,516	33,0	1,0	La Mesa, Cundinamarca
1754	2021/11/29	05:34:27	1,636	-78,676	80,0	2,0	Tumaco, Nariño
1755	2021/11/29	05:50:11	6,288	-73,836	57,0	0,9	Landázuri, Santander
1756	2021/11/29	06:33:23	6,8	-73,187	138,0	1,6	Los Santos, Santander
1757	2021/11/29	06:41:58	5,269	-73,806	143,0	1,4	Ubaté, Cundinamarca
1758	2021/11/29	06:51:26	5,741	-76,104	11,0	1,1	El Carmen, Chocó
1759	2021/11/29	06:52:31	6,745	-73,171	140,0	1,7	Los Santos, Santander
1760	2021/11/29	06:57:59	6,835	-73,184	147,0	1,7	Zapatoca, Santander
1761	2021/11/29	07:22:27	6,784	-73,127	147,0	2,2	Los Santos, Santander
1762	2021/11/29	07:24:27	7,872	-73,257	125,0	1,9	Ábrego, Norte de Santander
1763	2021/11/29	07:26:05	6,749	-73,223	139,0	1,8	Zapatoca, Santander
1764	2021/11/29	07:38:40	6,763	-73,182	142,0	1,8	Los Santos, Santander
1765	2021/11/29	07:50:48	7,405	-73,204	136,0	1,6	Rionegro, Santander
1766	2021/11/29	07:53:39	3,699	-74,195	14,0	4,2	Lejanías, Meta
1767	2021/11/29	08:53:18	5,272	-73,726	142,0	2,0	Lenguazaque, Cundinamarca
1768	2021/11/29	09:26:16	3,685	-74,199	14,0	1,3	Lejanías, Meta
1769	2021/11/29	09:28:28	6,81	-73,199	142,0	1,6	Zapatoca, Santander
1770	2021/11/29	09:51:11	6,787	-73,176	143,0	1,7	Los Santos, Santander
1771	2021/11/29	09:51:20	6,798	-73,182	145,0	1,6	Los Santos, Santander
1772	2021/11/29	10:31:21	6,696	-73,139	139,0	1,9	Jordán, Santander
1773	2021/11/29	10:37:36	6,774	-73,166	143,0	2,8	Los Santos, Santander
1774	2021/11/29	10:58:16	5,296	-74,865	30,0	1,5	Mariquita, Tolima
1775	2021/11/29	11:26:36	2,084	-75,69	28,0	1,1	Garzón, Huila
1776	2021/11/29	12:21:00	1,897	-75,993	23,0	1,3	Timaná, Huila
1777	2021/11/29	12:40:02	6,564	-73,754	93,0	2,5	Puerto Parra, Santander
1778	2021/11/29	12:59:49	6,811	-73,214	143,0	2,5	Zapatoca, Santander
1779	2021/11/29	13:59:03	5,148	-73,148	13,0	1,7	Miraflores, Boyacá
1780	2021/11/29	14:31:53	6,707	-73,15	140,0	1,9	Villanueva, Santander
1781	2021/11/29	14:41:17	3,834	-78,801	40,0	3,1	Océano Pacífico
1782	2021/11/29	15:14:04	6,778	-73,205	143,0	2,7	Zapatoca, Santander
1783	2021/11/29	17:06:05	6,812	-73,228	145,0	2,9	Zapatoca, Santander
1784	2021/11/29	17:19:56	5,752	-72,851	174,0	1,8	Tópaga, Boyacá
1785	2021/11/29	17:35:40	6,386	-73,535	111,0	1,6	Santa Helena del Opón, Santander
1786	2021/11/29	17:55:44	3,555	-78,775	24,0	2,5	Océano Pacífico
1787	2021/11/29	19:54:32	6,407	-75,092	26,0	1,3	Santo Domingo, Antioquia
1788	2021/11/29	20:02:57	9,399	-73,824	5,0	1,3	Chimichagua, Cesar
1789	2021/11/29	20:20:08	3,453	-74,633	19,0	1,4	Colombia, Huila

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1790	2021/11/29	20:33:33	4,319	-76,395	126,0	4,6	Bolívar, Valle del Cauca
1791	2021/11/29	22:14:39	5,268	-73,718	132,0	1,8	Lenguazaque, Cundinamarca
1792	2021/11/30	00:02:47	6,874	-73,167	145,0	1,9	Los Santos, Santander
1793	2021/11/30	01:24:24	6,292	-73,708	95,0	1,8	La Paz, Santander
1794	2021/11/30	01:52:33	3,678	-74,201	15,0	1,9	Lejanías, Meta
1795	2021/11/30	02:11:01	7,191	-73,294	115,0	1,8	Lebrija, Santander
1796	2021/11/30	02:13:31	6,499	-74,754	54,0	1,7	Maceo, Antioquia
1797	2021/11/30	02:44:29	3,456	-74,599	50,0	1,3	Uribe, Meta
1798	2021/11/30	03:54:02	6,84	-73,133	142,0	2,0	Los Santos, Santander
1799	2021/11/30	04:01:29	6,589	-73,739	89,0	1,5	Simacota, Santander
1800	2021/11/30	05:13:16	6,711	-73,163	132,0	1,9	Villanueva, Santander
1801	2021/11/30	06:11:13	6,822	-73,192	144,0	1,8	Zapatoca, Santander
1802	2021/11/30	06:18:35	6,766	-73,15	136,0	1,7	Los Santos, Santander
1803	2021/11/30	06:40:22	5,789	-76,049	49,0	1,2	Ciudad Bolívar, Antioquia
1804	2021/11/30	06:49:51	6,826	-73,145	142,0	1,6	Los Santos, Santander
1805	2021/11/30	08:16:52	2,874	-78,127	11,0	1,7	Océano Pacífico
1806	2021/11/30	08:24:28	1,994	-75,848	13,0	1,0	Timaná, Huila
1807	2021/11/30	08:29:57	6,8	-73,167	145,0	2,0	Los Santos, Santander
1808	2021/11/30	08:38:18	2,113	-75,67	33,0	1,6	Garzón, Huila
1809	2021/11/30	08:41:17	5,656	-73,965	104,0	1,8	Pauna, Boyacá
1810	2021/11/30	08:58:24	2,905	-78,073	0,0	1,7	Océano Pacífico
1811	2021/11/30	08:58:48	6,892	-73,385	123,0	1,4	San Vicente de Chucurí, Santander
1812	2021/11/30	09:37:15	4,788	-75,199	16,0	1,3	Murillo, Tolima
1813	2021/11/30	09:38:16	2,409	-75,591	30,0	1,2	Gigante, Huila
1814	2021/11/30	09:39:38	9,008	-74,046	8,0	1,4	Hatillo de Loba, Bolívar
1815	2021/11/30	10:24:26	4,718	-73,419	11,0	1,9	Gachalá, Cundinamarca
1816	2021/11/30	10:26:25	4,752	-73,432	19,0	3,5	Ubalá, Cundinamarca
1817	2021/11/30	10:56:33	6,793	-73,183	144,0	3,2	Los Santos, Santander
1818	2021/11/30	11:04:14	9,242	-73,934	34,0	1,6	Chimichagua, Cesar
1819	2021/11/30	11:05:50	6,724	-73,197	137,0	1,8	Villanueva, Santander
1820	2021/11/30	11:06:27	2,838	-78,196	4,0	2,0	Océano Pacífico
1821	2021/11/30	11:14:29	6,788	-73,179	145,0	3,4	Los Santos, Santander
1822	2021/11/30	11:23:31	4,327	-75,55	4,0	1,2	Cajamarca, Tolima
1823	2021/11/30	11:32:44	9,0	-74,078	16,0	1,7	Hatillo de Loba, Bolívar
1824	2021/11/30	12:23:33	6,783	-73,163	141,0	2,1	Los Santos, Santander
1825	2021/11/30	13:18:22	6,766	-73,201	134,0	2,0	Villanueva, Santander
1826	2021/11/30	13:23:57	6,737	-73,184	135,0	1,7	Villanueva, Santander
1827	2021/11/30	13:28:43	5,751	-75,936	62,0	1,7	Betania, Antioquia
1828	2021/11/30	13:50:47	6,793	-73,162	142,0	2,9	Los Santos, Santander
1829	2021/11/30	15:45:33	6,82	-73,241	136,0	2,5	Zapatoca, Santander
1830	2021/11/30	17:09:26	6,745	-73,21	133,0	1,5	Villanueva, Santander
1831	2021/11/30	18:24:54	4,301	-73,737	15,0	1,4	El Calvario, Meta
1832	2021/11/30	18:37:17	6,513	-73,713	100,0	1,5	Simacota, Santander
1833	2021/11/30	18:39:29	5,668	-77,833	9,0	2,3	Océano Pacífico
1834	2021/11/30	19:36:10	6,82	-73,175	143,0	2,5	Los Santos, Santander
1835	2021/11/30	19:52:29	6,775	-73,184	133,0	2,2	Los Santos, Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1836	2021/11/30	21:00:46	6,754	-73,129	137,0	2,2	Los Santos, Santander
1837	2021/11/30	21:12:33	6,489	-74,801	47,0	1,3	Maceo, Antioquia
1838	2021/11/30	21:46:09	5,711	-75,826	37,0	0,9	Jericó, Antioquia
1839	2021/11/30	21:50:47	5,571	-74,033	92,0	1,4	Maripí, Boyacá
1840	2021/11/30	22:15:31	11,056	-72,665	0,0	1,9	Barrancas, la Guajira
1841	2021/11/30	22:19:19	5,887	-74,865	0,0	0,8	San Francisco, Antioquia
1842	2021/11/30	23:16:10	6,897	-73,166	133,0	1,6	Girón, Santander
1843	2021/11/30	23:18:04	6,615	-73,754	86,0	1,2	Simacota, Santander
1844	2021/11/30	23:18:58	6,315	-73,555	120,0	1,2	Santa Helena del Opón, Santander

Tabla 3.2: Eventos durante noviembre de 2021

3.4 Mapa de sismicidad mensual noviembre de 2021

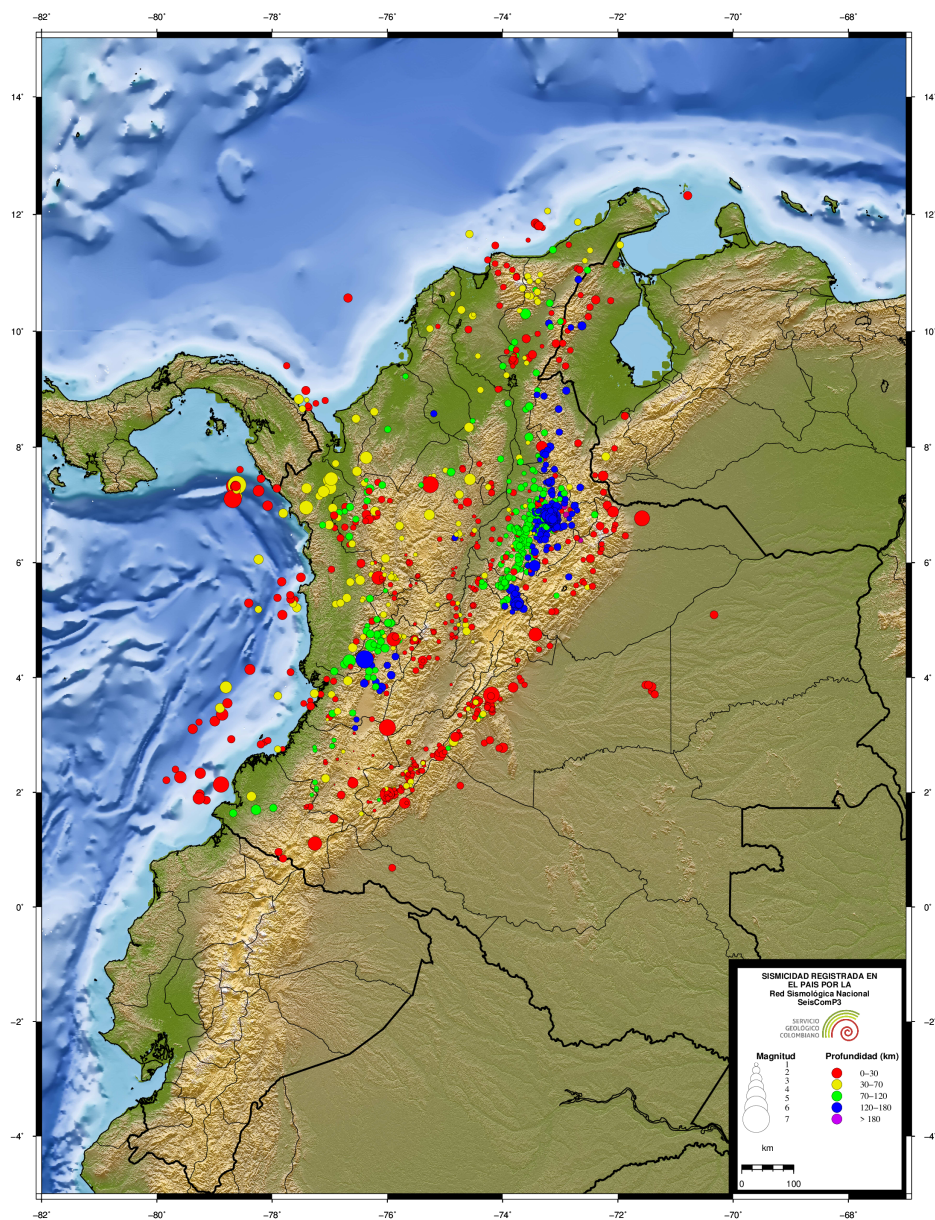


Figura 3.2: Eventos durante noviembre de 2021

4

ESTADÍSTICAS DE LA SISMICIDAD

4.1 Errores

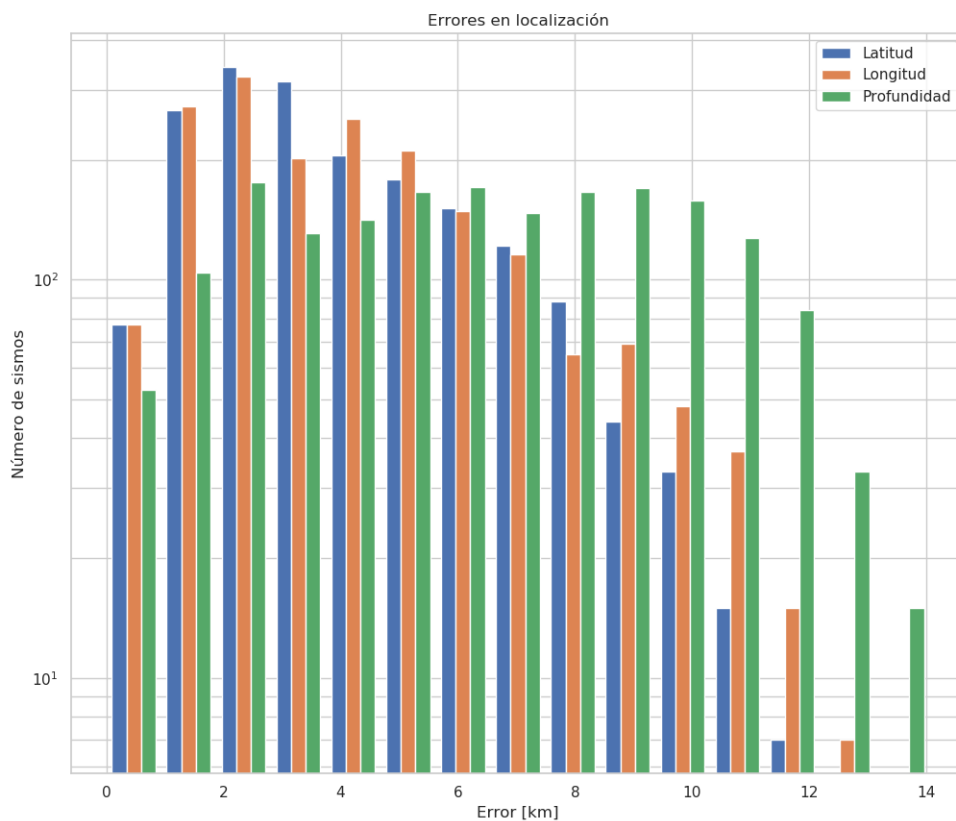


Figura 4.1: Error en latitud, longitud y profundidad (km)

4.2 Número de sismos

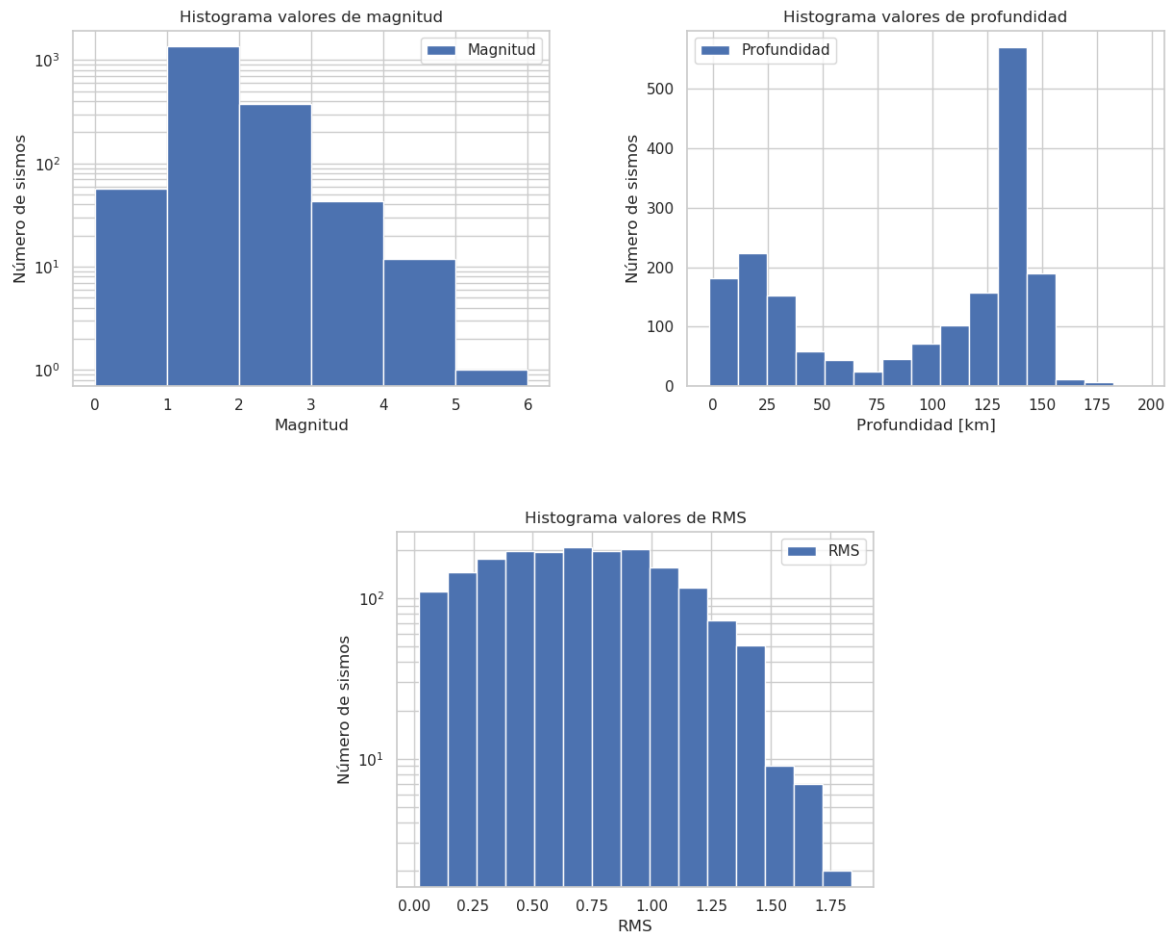


Figura 4.2: Número de eventos sísmicos por magnitud, profundidad y RMS.

4.3 Evolución Temporal

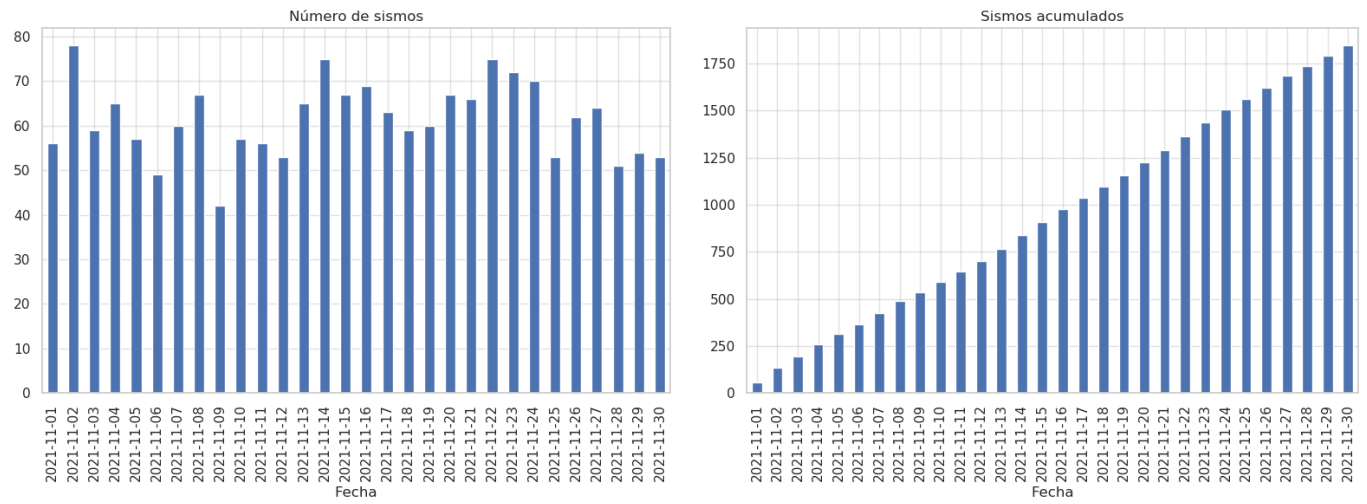


Figura 4.3: Número de eventos por días y acumulado por días

REFERENCIAS BIBLIOGRÁFICAS

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

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

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