
BOLETÍN DE SISMOS

» NOVIEMBRE DE 2018
» VOLUMEN 26, No. 11

Boletín de sismos: noviembre 2018

Servicio Geológico Colombiano

BOGOTÁ, DICIEMBRE DE 2018

BOLETÍN DE SISMOS

Publicado en diciembre de 2018

SERVICIO GEOLÓGICO COLOMBIANO

TABLA DE CONTENIDO

1	PRESENTACIÓN	6
2	FUNCIONAMIENTO DE LAS ESTACIONES	8
2.1	Mapa de las estaciones	8
2.2	Histograma de funcionamiento de las estaciones	9
3	SISMICIDAD DE NOVIEMBRE DE 2018	10
3.1	Tabla de sismicidad destacada noviembre de 2018	11
3.2	Mapa de sismicidad destacada noviembre de 2018	12
3.3	Tabla de sismicidad mensual noviembre de 2018	13
3.4	Mapa de sismicidad mensual noviembre de 2018	62
4	ESTADÍSTICAS DE LA SISMICIDAD MENSUAL	63
4.1	Errores	63
4.2	No. de Sismos	64
4.3	Evolución Temporal	65
5	SISMICIDAD ESPECIAL	66

1

PRESENTACIÓN

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

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

Cordialmente,

M.Sc. Viviana Dionicio Lozano.

Coordinadora.

Grupo de evaluación y monitoreo de la actividad sísmica.

Director General del SERVICIO GEOLÓGICO COLOMBIANO

Dr. Oscar Paredes Zapata

Directora técnica de Geoamenazas

Dra. Marta Lucia Calvache

RED SISMOLÓGICA NACIONAL DE COLOMBIA

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

M.Sc. Viviana Dionicio Lozano

ANALISTAS

Geól. Miguel Ángel Cubillos.

Ing. Oscar Daniel Suárez Mejía.

Geól. Laura Vanessa Velásquez., Est. M.Sc.

Ing. Leonardo Santos Mateus Báez., Est. M.Sc.

Físico. Daniel David Siervo Plata., Est. M.Sc.

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

Ing. Jhon Leandro Pérez., M.Sc.

Geól. Daniela Hernández Beltrán., Est. M.Sc.

ÁREA DE SISMOLOGÍA

Física. Patricia Pedraza., M.Sc.

Físico. Camilo Muñoz Lopez.

Ing. Fís. Ruth Emilse Bolaños.

Geóloga. Lina Paola Aguirre., M.Sc.

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

Lic. Física. Hugo Esteban Poveda., M.Sc.

Geólogo. Omar Alfredo Mercado Días., M.Sc.

ÁREA DE ELECTRÓNICA

Ing. Andres Felipe Gómez

Ing. Jorge Andres de la Rosa.

Ing. Juan Carlos Lizcano.

Ing. Johnnatan Fernandez.

Tec. Edgar Gil.

Tec. Robert Prada.

Ing. Ariel Portocarrero.

ÁREA DE SISTEMAS

Ing. Sist. Monica Yaneth Acosta., Esp.

Ing. Sist. Orlando Chamorro.

Ing. Sist. Oscar David Riobamba.

Ing. Sist. Carlos Guillermo Araujo Moncayo

2 FUNCIONAMIENTO DE LAS ESTACIONES

2.1 Mapa de las estaciones

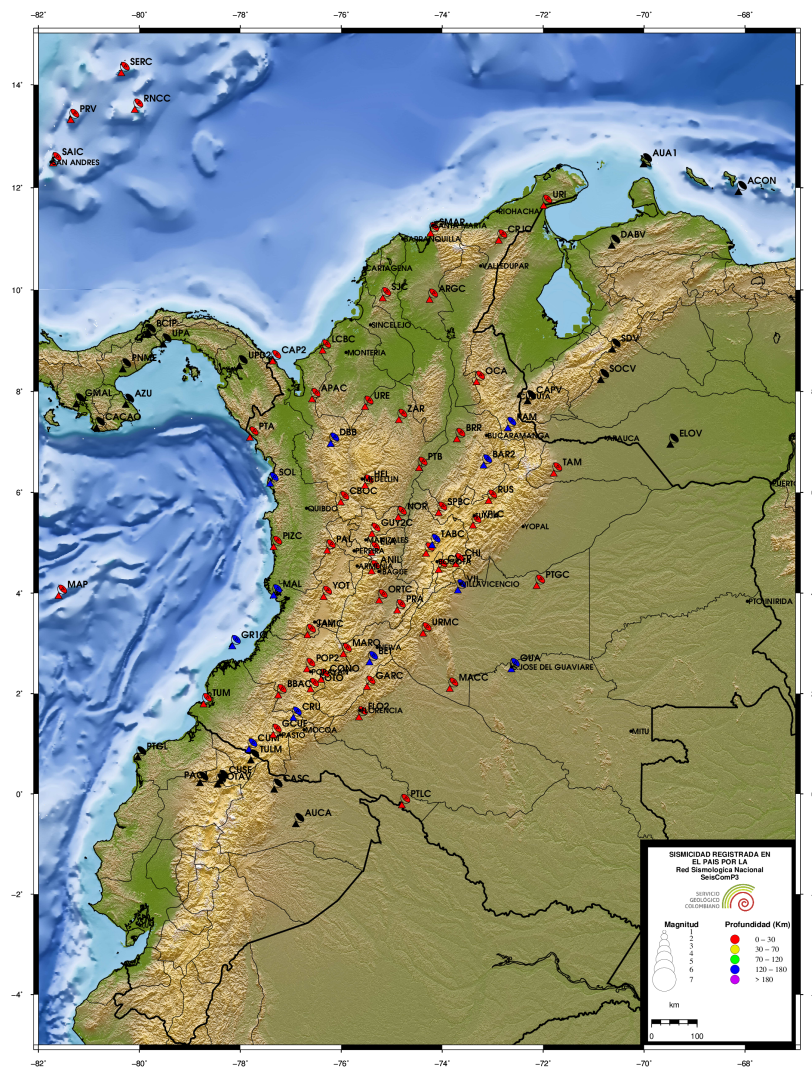


Figura 2.1: Localización de las estaciones de la RSNC. Las antenas rojas y azules representan las estaciones con sensores de banda ancha y corto periodo, respectivamente. Las antenas negras representan estaciones internacionales.

2.2 Histograma de funcionamiento de las estaciones



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

3

SISMICIDAD DE NOVIEMBRE DE 2018

Durante el mes de noviembre se registraron 2111 eventos, de los cuales: 1679 corresponden a eventos locales, 0 a eventos regionales, 48 a eventos en el Océano Pacífico, 376 a eventos en el Mar Caribe y 3 a eventos Volcánicos. De los eventos localizados, 35 se determinaron como destacados, ver cuadro 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 manitud 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 kilometros.
M	Promedio ponderado entre las magnitudes de momento Mw(mB), Mwp y la magnitud local MLr.
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 $w_i = a_i \text{conteo_sta}(M_i) + b_i$. Los tipos de magnitud utilizados son:

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

Las magnitudes Mw son consideradas para el cálculo de la magnitud promedio si se encuentran en al menos 4 estaciones. En caso contrario se deja la magnitud local. Para cualquier duda o comentario sobre el cálculo de magnitudes puede escribirnos a sismologo@sgc.gov.co.

3.1 Tabla de sismicidad destacada noviembre de 2018

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2018/11/05	22:44:59	5.06	-75.49	121.0	4.0	Manizales - Caldas
2	2018/11/07	10:04:12	1.26	-77.46	11.0	2.4	Volcán Galeras
3	2018/11/09	11:12:00	6.83	-73.13	150.0	4.0	Los Santos - Santander
4	2018/11/13	08:42:58	3.21	-76.4	32.0	2.7	Guachene - Cauca
5	2018/11/13	21:11:25	4.49	-75.4	3.0	2.1	Volcán Cerro Machín
6	2018/11/15	13:19:12	6.24	-77.71	14.0	3.9	Océano Pacífico
7	2018/11/17	08:56:40	6.98	-76.75	5.0	4.1	Murindó - Antioquia
8	2018/11/17	23:48:21	6.82	-73.16	149.0	2.8	Los Santos - Santander
9	2018/11/19	02:13:23	5.42	-73.78	135.0	3.1	Fúquene - Cundinamarca
10	2018/11/20	05:31:00	1.26	-77.45	10.0	2.5	Volcán Galeras
11	2018/11/20	16:55:22	6.8	-73.14	149.0	3.8	Los Santos - Santander
12	2018/11/20	20:42:34	6.83	-73.15	147.0	3.0	Los Santos - Santander
13	2018/11/22	00:53:23	6.82	-73.14	149.0	3.1	Los Santos - Santander
14	2018/11/22	03:25:53	6.83	-73.14	153.0	3.4	Los Santos - Santander
15	2018/11/23	05:18:56	1.93	-76.0	0.0	3.0	Pitalito - Huila
16	2018/11/23	17:40:47	6.89	-78.03	11.0	4.5	Océano Pacífico
17	2018/11/25	01:19:06	13.24	-81.2	12.0	4.7	Caribbean Sea
18	2018/11/25	03:40:50	13.23	-81.18	14.0	6.0	Caribbean Sea
19	2018/11/25	05:16:16	13.21	-81.24	11.0	4.3	Caribbean Sea
20	2018/11/25	10:45:17	13.22	-81.25	11.0	4.7	Caribbean Sea
21	2018/11/25	12:28:23	13.27	-81.17	16.0	4.4	Caribbean Sea
22	2018/11/25	15:45:59	13.22	-81.26	16.0	4.9	Caribbean Sea
23	2018/11/25	16:19:47	13.23	-81.25	11.0	4.6	Caribbean Sea
24	2018/11/25	20:56:37	13.3	-81.13	15.0	5.6	Caribbean Sea
25	2018/11/25	21:29:44	13.3	-81.11	14.0	4.2	Caribbean Sea
26	2018/11/26	01:57:05	13.29	-81.12	14.0	4.2	Caribbean Sea
27	2018/11/26	03:43:05	13.28	-81.1	17.0	4.7	Caribbean Sea
28	2018/11/26	06:36:14	13.22	-81.26	11.0	4.5	Caribbean Sea
29	2018/11/26	09:13:13	13.26	-81.11	16.0	4.8	Caribbean Sea
30	2018/11/26	11:50:28	13.29	-81.1	17.0	4.3	Caribbean Sea
31	2018/11/27	01:17:44	13.26	-81.11	14.0	4.6	Mar Caribe
32	2018/11/27	02:31:31	4.39	-73.77	-0.0	2.0	El Calvario - Meta
33	2018/11/28	03:24:34	13.21	-81.22	8.0	3.2	Mar Caribe
34	2018/11/29	04:49:30	13.24	-81.26	16.0	4.5	Mar Caribe
35	2018/11/29	05:31:56	6.84	-73.15	148.0	4.5	Los Santos - Santander

Tabla 3.1: Eventos destacados durante noviembre de 2018

3.2 Mapa de sismicidad destacada noviembre de 2018

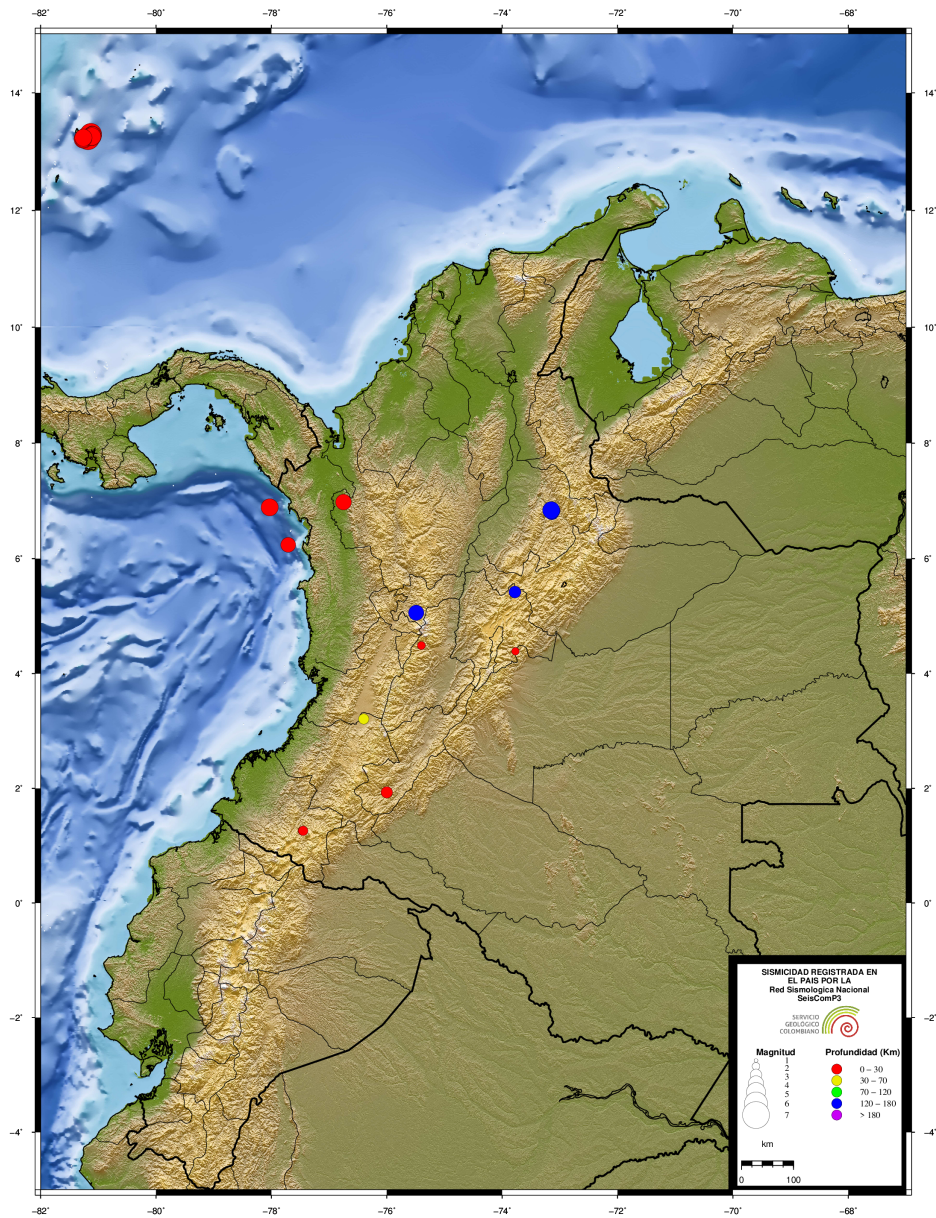


Figura 3.1: Eventos destacados durante noviembre de 2018

3.3 Tabla de sismicidad mensual noviembre de 2018

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1	2018/11/01	00:20:18	6.76	-73.12	147.0	1.7	Los Santos - Santander
2	2018/11/01	00:50:59	4.65	-75.57	2.0	1.9	Salento - Quindío
3	2018/11/01	01:03:04	6.06	-73.96	93.0	1.3	Sucre - Santander
4	2018/11/01	01:06:26	4.65	-75.54	0.0	1.0	Salento - Quindío
5	2018/11/01	01:07:40	2.27	-75.77	5.0	1.1	Agrado - Huila
6	2018/11/01	01:25:52	5.27	-73.72	149.0	1.8	Lenguazaque - Cundinamarca
7	2018/11/01	01:56:18	6.81	-73.16	144.0	2.3	Los Santos - Santander
8	2018/11/01	02:22:28	4.66	-75.54	-0.0	1.1	Salento - Quindío
9	2018/11/01	03:11:41	6.38	-73.54	112.0	1.5	Santa Helena del Opón - Santander
10	2018/11/01	03:21:38	6.79	-73.1	148.0	1.8	Los Santos - Santander
11	2018/11/01	04:01:57	6.46	-76.68	1.0	1.3	Vigia del Fuerte - Antioquia
12	2018/11/01	04:40:16	6.82	-73.12	142.0	2.4	Los Santos - Santander
13	2018/11/01	04:42:34	6.8	-73.18	147.0	1.6	Los Santos - Santander
14	2018/11/01	04:44:30	6.83	-73.75	93.0	1.4	San Vicente de Chucurí - Santander
15	2018/11/01	05:04:31	6.13	-73.76	99.0	0.7	Bolivar - Santander
16	2018/11/01	05:19:01	9.39	-73.07	133.0	1.7	Northern Colombia
17	2018/11/01	05:29:11	6.83	-73.19	139.0	1.7	Zapatoca - Santander
18	2018/11/01	05:45:04	6.82	-73.15	146.0	1.7	Los Santos - Santander
19	2018/11/01	06:35:30	6.97	-76.24	-1.0	1.5	Dabeiba - Antioquia
20	2018/11/01	06:48:19	6.77	-73.15	145.0	1.8	Los Santos - Santander
21	2018/11/01	06:48:43	6.79	-73.17	136.0	1.6	Los Santos - Santander
22	2018/11/01	07:11:33	6.8	-73.13	145.0	1.9	Los Santos - Santander
23	2018/11/01	07:14:26	3.42	-77.83	58.0	2.1	Océano Pacífico
24	2018/11/01	07:21:02	6.84	-73.18	135.0	1.4	Zapatoca - Santander
25	2018/11/01	07:30:00	6.82	-73.18	141.0	1.7	Zapatoca - Santander
26	2018/11/01	07:36:05	10.34	-72.95	0.0	2.3	La Paz - Cesar
27	2018/11/01	07:53:13	6.81	-73.18	146.0	1.5	Los Santos - Santander
28	2018/11/01	07:54:16	6.81	-73.18	143.0	1.6	Los Santos - Santander
29	2018/11/01	08:09:35	5.27	-73.73	148.0	3.2	Lenguazaque - Cundinamarca
30	2018/11/01	08:38:18	4.54	-76.22	92.0	1.1	El Dovio - Valle del Cauca
31	2018/11/01	08:39:38	6.8	-73.14	142.0	1.6	Los Santos - Santander
32	2018/11/01	08:57:09	5.7	-73.89	112.0	1.7	Briceno - Boyacá
33	2018/11/01	09:07:12	7.87	-73.24	123.0	1.8	Ábrego - Norte de Santander
34	2018/11/01	09:13:11	6.77	-73.18	143.0	1.5	Los Santos - Santander
35	2018/11/01	09:46:09	6.82	-73.16	142.0	2.6	Los Santos - Santander
36	2018/11/01	10:05:40	6.11	-73.58	109.0	1.4	La Paz - Santander
37	2018/11/01	10:29:44	6.87	-73.18	147.0	1.7	Zapatoca - Santander
38	2018/11/01	11:03:46	8.58	-77.86	19.0	2.7	Panama-Colombia Border Region
39	2018/11/01	11:11:44	6.7	-73.62	105.0	1.9	El Carmen - Santander
40	2018/11/01	11:27:41	5.68	-73.63	134.0	1.7	Sutamarchán - Boyacá
41	2018/11/01	11:38:29	6.77	-73.18	142.0	1.9	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
42	2018/11/01	11:56:46	6.81	-73.11	142.0	2.0	Los Santos - Santander
43	2018/11/01	12:14:18	6.82	-73.17	152.0	1.7	Los Santos - Santander
44	2018/11/01	12:19:20	6.29	-71.83	38.0	1.6	Tame - Arauca
45	2018/11/01	13:31:51	5.83	-73.17	0.0	1.2	Sotaquirá - Boyacá
46	2018/11/01	14:12:44	7.27	-73.17	132.0	1.6	Rionegro - Santander
47	2018/11/01	14:40:51	6.83	-73.17	147.0	1.7	Los Santos - Santander
48	2018/11/01	15:18:15	6.82	-73.13	148.0	2.8	Los Santos - Santander
49	2018/11/01	16:28:31	10.85	-73.67	28.0	1.9	Santa Marta - Magdalena
50	2018/11/01	16:37:34	6.79	-73.14	135.0	1.6	Los Santos - Santander
51	2018/11/01	17:56:10	6.82	-73.11	145.0	2.2	Los Santos - Santander
52	2018/11/01	20:04:30	6.89	-73.13	144.0	1.8	Los Santos - Santander
53	2018/11/01	22:38:14	2.49	-75.59	4.0	2.0	Tesalia - Huila
54	2018/11/01	22:46:22	4.55	-74.47	22.0	1.9	El Colegio - Cundinamarca
55	2018/11/01	22:50:19	5.89	-74.88	4.0	1.5	San Francisco - Antioquia
56	2018/11/01	23:26:28	6.89	-73.39	130.0	1.7	San Vicente de Chucurí - Santander
57	2018/11/01	23:29:09	5.63	-74.32	88.0	1.7	Yacopí - Cundinamarca
58	2018/11/01	23:58:17	3.37	-74.72	19.0	1.5	Colombia - Huila
59	2018/11/02	00:45:50	6.82	-73.14	143.0	2.0	Los Santos - Santander
60	2018/11/02	00:58:04	6.83	-73.15	143.0	2.0	Los Santos - Santander
61	2018/11/02	01:02:58	4.22	-76.36	108.0	1.6	Trujillo - Valle del Cauca
62	2018/11/02	01:45:14	5.39	-73.8	134.0	1.8	Fúquene - Cundinamarca
63	2018/11/02	01:52:47	7.42	-77.26	9.0	2.5	Riosucio - Chocó
64	2018/11/02	02:02:51	7.2	-76.08	43.0	1.4	Ituango - Antioquia
65	2018/11/02	03:05:44	4.34	-77.75	29.0	2.3	Océano Pacífico
66	2018/11/02	03:42:34	6.8	-73.12	143.0	1.7	Los Santos - Santander
67	2018/11/02	04:16:45	6.78	-73.11	138.0	1.7	Los Santos - Santander
68	2018/11/02	04:27:45	10.85	-73.72	15.0	1.5	Aracataca - Magdalena
69	2018/11/02	04:28:34	6.83	-73.15	145.0	2.3	Los Santos - Santander
70	2018/11/02	04:33:19	6.74	-73.53	105.0	2.1	El Carmen - Santander
71	2018/11/02	04:53:41	6.87	-73.21	149.0	1.9	Zapatoca - Santander
72	2018/11/02	04:54:49	6.81	-73.16	145.0	1.9	Los Santos - Santander
73	2018/11/02	04:56:20	5.43	-73.81	141.0	1.9	Susa - Cundinamarca
74	2018/11/02	05:15:37	7.41	-75.08	19.0	1.0	Cáceres - Antioquia
75	2018/11/02	05:17:43	6.57	-76.74	13.0	1.6	Vigia del Fuerte - Antioquia
76	2018/11/02	05:36:46	6.82	-73.17	133.0	1.7	Los Santos - Santander
77	2018/11/02	05:40:54	10.8	-73.32	76.0	1.6	Valledupar - Cesar
78	2018/11/02	06:21:23	7.18	-75.09	15.0	1.0	Anorí - Antioquia
79	2018/11/02	06:27:47	6.81	-73.12	133.0	1.7	Los Santos - Santander
80	2018/11/02	06:41:41	2.09	-75.58	3.0	1.2	Garzón - Huila
81	2018/11/02	07:00:21	6.99	-74.08	4.0	1.3	Yondó (Casabe) - Antioquia
82	2018/11/02	07:21:47	6.91	-76.21	8.0	1.1	Uramita - Antioquia
83	2018/11/02	07:37:17	3.87	-76.2	142.0	1.2	Buga - Valle del Cauca
84	2018/11/02	08:29:01	5.28	-73.76	146.0	2.3	Cucunubá - Cundinamarca
85	2018/11/02	08:33:44	8.75	-73.37	127.0	1.8	El Carmen - Norte de Santander
86	2018/11/02	08:38:27	9.34	-73.36	112.0	1.4	Curumaní - Cesar

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
87	2018/11/02	08:39:28	6.58	-74.2	21.0	0.9	Cimitarra - Santander
88	2018/11/02	08:40:01	6.81	-73.14	149.0	2.3	Los Santos - Santander
89	2018/11/02	08:53:42	4.43	-76.23	103.0	1.3	Roldanillo - Valle del Cauca
90	2018/11/02	09:04:11	6.82	-73.17	146.0	2.4	Los Santos - Santander
91	2018/11/02	09:25:24	6.87	-73.16	150.0	1.8	Los Santos - Santander
92	2018/11/02	09:34:56	7.31	-73.36	107.0	1.6	Lebrija - Santander
93	2018/11/02	09:43:21	6.81	-73.16	142.0	2.0	Los Santos - Santander
94	2018/11/02	09:48:56	6.71	-73.22	153.0	1.6	Barichara - Santander
95	2018/11/02	10:03:55	6.28	-77.6	11.0	3.7	Océano Pacífico
96	2018/11/02	10:21:22	6.83	-73.13	129.0	1.6	Los Santos - Santander
97	2018/11/02	10:32:58	6.83	-73.14	150.0	1.9	Los Santos - Santander
98	2018/11/02	11:00:30	6.83	-73.04	147.0	1.7	Los Santos - Santander
99	2018/11/02	11:00:51	8.35	-74.19	49.0	2.0	Rioviejo - Bolívar
100	2018/11/02	11:32:15	6.64	-73.27	92.0	1.4	Galán - Santander
101	2018/11/02	11:40:04	6.8	-73.14	140.0	2.0	Los Santos - Santander
102	2018/11/02	12:35:01	6.6	-73.4	128.0	1.3	Hato - Santander
103	2018/11/02	13:15:06	6.88	-73.15	141.0	1.4	Los Santos - Santander
104	2018/11/02	13:52:53	6.98	-74.08	4.0	1.4	Yondó (Casabe) - Antioquia
105	2018/11/02	14:04:49	6.81	-73.14	146.0	2.3	Los Santos - Santander
106	2018/11/02	14:31:16	5.14	-76.3	95.0	1.4	Condoto - Chocó
107	2018/11/02	15:07:58	6.81	-73.16	147.0	1.8	Los Santos - Santander
108	2018/11/02	15:11:48	6.82	-73.15	148.0	2.5	Los Santos - Santander
109	2018/11/02	16:53:31	6.79	-73.16	145.0	2.0	Los Santos - Santander
110	2018/11/02	16:56:54	4.06	-76.52	70.0	1.4	Calima (El Darién) - Valle del Cauca
111	2018/11/02	17:05:49	6.8	-73.19	138.0	1.4	Los Santos - Santander
112	2018/11/02	18:30:40	6.52	-73.7	112.0	1.2	Simacota - Santander
113	2018/11/02	18:52:21	6.97	-74.07	8.0	1.1	Yondó (Casabe) - Antioquia
114	2018/11/02	18:57:48	2.45	-75.61	16.0	1.1	Tesalia - Huila
115	2018/11/02	19:01:05	6.77	-73.19	151.0	1.7	Los Santos - Santander
116	2018/11/02	19:58:21	6.78	-73.17	133.0	1.7	Los Santos - Santander
117	2018/11/02	20:08:21	6.62	-73.73	76.0	1.5	El Carmen - Santander
118	2018/11/02	21:56:20	6.86	-73.31	119.0	2.1	Zapatoca - Santander
119	2018/11/02	22:19:35	6.85	-73.22	138.0	1.4	Zapatoca - Santander
120	2018/11/02	22:35:16	6.78	-73.16	144.0	1.6	Los Santos - Santander
121	2018/11/02	23:21:19	4.42	-76.18	107.0	2.1	Roldanillo - Valle del Cauca
122	2018/11/03	02:39:01	6.81	-73.15	149.0	1.9	Los Santos - Santander
123	2018/11/03	02:48:48	6.99	-74.08	5.0	1.4	Yondó (Casabe) - Antioquia
124	2018/11/03	02:50:33	6.99	-74.08	4.0	1.2	Yondó (Casabe) - Antioquia
125	2018/11/03	02:54:39	6.98	-74.08	5.0	1.2	Yondó (Casabe) - Antioquia
126	2018/11/03	03:54:02	6.98	-74.08	4.0	1.3	Yondó (Casabe) - Antioquia
127	2018/11/03	04:31:04	6.07	-73.7	110.0	1.7	Vélez - Santander
128	2018/11/03	06:10:54	6.8	-73.17	117.0	1.7	Los Santos - Santander
129	2018/11/03	06:18:08	6.81	-73.32	126.0	1.4	Zapatoca - Santander
130	2018/11/03	06:41:11	10.03	-73.07	115.0	1.6	Agustín Codazzi - Cesar
131	2018/11/03	07:48:38	6.79	-73.12	148.0	1.5	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
132	2018/11/03	08:13:23	6.81	-73.1	149.0	1.7	Los Santos - Santander
133	2018/11/03	08:24:29	7.06	-73.35	116.0	1.6	Betulia - Santander
134	2018/11/03	08:26:13	5.66	-75.83	39.0	0.9	Andes - Antioquia
135	2018/11/03	08:49:32	6.88	-73.35	121.0	1.5	San Vicente de Chucurí - Santander
136	2018/11/03	09:29:22	6.76	-73.03	168.0	1.8	Aratoca - Santander
137	2018/11/03	10:07:47	6.73	-73.24	144.0	1.5	Zapatoca - Santander
138	2018/11/03	11:48:43	6.81	-73.18	143.0	2.0	Los Santos - Santander
139	2018/11/03	12:58:53	6.83	-73.29	129.0	1.5	Zapatoca - Santander
140	2018/11/03	13:33:16	2.25	-75.4	25.0	1.5	El Paujil - Caquetá
141	2018/11/03	13:50:02	1.84	-76.04	29.0	1.1	Pitalito - Huila
142	2018/11/03	14:26:24	6.83	-73.16	148.0	2.5	Los Santos - Santander
143	2018/11/03	14:29:20	2.71	-75.03	4.0	1.4	San Vicente del Caguán - Caquetá
144	2018/11/03	16:17:23	5.4	-74.57	39.0	1.3	Caparrapí - Cundinamarca
145	2018/11/03	17:11:07	6.79	-73.17	143.0	1.8	Los Santos - Santander
146	2018/11/03	17:16:38	6.7	-73.65	103.0	1.8	El Carmen - Santander
147	2018/11/03	17:17:43	6.8	-73.16	141.0	1.7	Los Santos - Santander
148	2018/11/03	17:30:41	6.76	-73.14	138.0	1.5	Los Santos - Santander
149	2018/11/03	17:39:41	6.81	-73.13	149.0	3.1	Los Santos - Santander
150	2018/11/03	17:48:27	6.82	-73.17	142.0	1.4	Los Santos - Santander
151	2018/11/03	18:06:25	6.8	-73.14	144.0	2.0	Los Santos - Santander
152	2018/11/03	18:10:06	6.01	-74.21	21.0	1.0	Bolivar - Santander
153	2018/11/03	18:37:42	8.45	-73.22	128.0	2.1	San Calixto - Norte de Santander
154	2018/11/03	19:32:36	6.84	-73.18	139.0	1.7	Zapatoca - Santander
155	2018/11/03	19:41:15	6.77	-73.16	145.0	1.7	Los Santos - Santander
156	2018/11/03	20:21:08	1.87	-74.21	28.0	2.2	La Macarena - Meta
157	2018/11/03	20:48:35	6.81	-73.18	142.0	1.3	Los Santos - Santander
158	2018/11/03	21:14:02	6.78	-73.14	143.0	2.0	Los Santos - Santander
159	2018/11/03	21:50:26	6.77	-73.14	142.0	1.6	Los Santos - Santander
160	2018/11/03	22:05:58	7.92	-76.71	56.0	1.2	Turbo - Antioquia
161	2018/11/03	22:10:32	6.53	-73.57	103.0	1.2	Simacota - Santander
162	2018/11/03	22:12:21	5.53	-73.78	156.0	0.9	San Miguel de Sema - Boyacá
163	2018/11/03	22:33:00	6.82	-73.14	147.0	2.3	Los Santos - Santander
164	2018/11/03	22:47:56	6.8	-73.18	141.0	1.6	Los Santos - Santander
165	2018/11/03	22:53:31	6.8	-73.16	141.0	1.7	Los Santos - Santander
166	2018/11/03	22:55:49	6.79	-73.19	138.0	1.7	Los Santos - Santander
167	2018/11/03	23:20:00	6.33	-73.67	100.0	1.1	La Paz - Santander
168	2018/11/03	23:52:44	2.74	-79.44	-2.0	2.0	Océano Pacífico
169	2018/11/04	00:06:10	7.26	-74.79	8.0	1.3	Segovia - Antioquia
170	2018/11/04	00:08:05	11.12	-73.6	22.0	2.5	Dibulla - la Guajira
171	2018/11/04	00:10:13	6.69	-75.0	0.0	1.5	Yolombó - Antioquia
172	2018/11/04	00:10:34	4.78	-76.3	105.0	1.9	San José del Palmar - Chocó
173	2018/11/04	00:12:47	6.82	-73.15	146.0	2.0	Los Santos - Santander
174	2018/11/04	00:20:37	13.09	-81.21	10.0	3.4	Caribbean Sea
175	2018/11/04	00:30:05	13.08	-81.24	12.0	3.3	Caribbean Sea
176	2018/11/04	00:32:42	6.87	-73.28	122.0	1.5	Betulia - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
177	2018/11/04	01:03:15	6.75	-73.16	140.0	1.7	Los Santos - Santander
178	2018/11/04	01:22:04	3.56	-74.44	11.0	1.8	Uribe - Meta
179	2018/11/04	01:35:54	6.82	-73.13	145.0	2.0	Los Santos - Santander
180	2018/11/04	01:46:28	6.8	-73.15	148.0	1.5	Los Santos - Santander
181	2018/11/04	01:49:55	6.8	-73.14	148.0	1.8	Los Santos - Santander
182	2018/11/04	01:57:22	7.39	-73.18	131.0	1.6	Rionegro - Santander
183	2018/11/04	02:05:34	4.77	-76.22	99.0	1.3	El Cairo - Valle del Cauca
184	2018/11/04	02:10:15	6.82	-73.19	142.0	1.6	Zapatoca - Santander
185	2018/11/04	02:17:34	6.71	-71.92	-0.0	1.6	Fortul - Arauca
186	2018/11/04	02:44:15	5.56	-77.8	15.0	2.1	Océano Pacífico
187	2018/11/04	02:48:18	3.68	-74.16	2.0	1.9	Lejanías - Meta
188	2018/11/04	03:14:11	3.98	-76.18	145.0	1.3	San Pedro - Valle del Cauca
189	2018/11/04	03:22:34	6.82	-73.19	136.0	1.5	Zapatoca - Santander
190	2018/11/04	03:35:08	13.1	-81.24	14.0	2.9	Caribbean Sea
191	2018/11/04	03:38:11	13.13	-81.25	17.0	2.5	Caribbean Sea
192	2018/11/04	03:40:49	6.81	-73.19	144.0	1.6	Los Santos - Santander
193	2018/11/04	04:20:55	6.03	-76.32	50.0	1.1	Quibdó - Chocó
194	2018/11/04	04:26:33	3.84	-73.68	1.0	0.7	Castilla la Nueva - Meta
195	2018/11/04	04:33:28	2.16	-75.49	36.0	1.2	Garzón - Huila
196	2018/11/04	04:39:18	7.39	-73.18	131.0	2.0	Rionegro - Santander
197	2018/11/04	04:42:43	13.19	-81.38	44.0	2.6	Caribbean Sea
198	2018/11/04	04:45:56	6.75	-73.13	144.0	1.6	Los Santos - Santander
199	2018/11/04	05:36:34	5.27	-73.71	151.0	1.6	Lenguazaque - Cundinamarca
200	2018/11/04	06:05:48	6.79	-73.13	146.0	1.6	Los Santos - Santander
201	2018/11/04	06:22:07	6.82	-73.2	120.0	1.4	Zapatoca - Santander
202	2018/11/04	06:30:25	6.81	-73.15	149.0	2.0	Los Santos - Santander
203	2018/11/04	06:43:27	10.95	-73.17	72.0	1.5	San Juan del Cesar - la Guajira
204	2018/11/04	07:07:55	3.67	-76.78	-0.0	1.5	Dagua - Valle del Cauca
205	2018/11/04	07:15:21	6.86	-73.13	146.0	2.0	Los Santos - Santander
206	2018/11/04	07:16:03	6.05	-73.79	101.0	2.0	El Peñón - Santander
207	2018/11/04	07:34:36	6.78	-73.13	139.0	1.7	Los Santos - Santander
208	2018/11/04	07:38:43	6.82	-73.15	152.0	2.3	Los Santos - Santander
209	2018/11/04	07:48:00	6.82	-73.15	144.0	1.8	Los Santos - Santander
210	2018/11/04	08:00:29	6.83	-73.16	148.0	1.7	Los Santos - Santander
211	2018/11/04	08:03:37	6.74	-73.14	145.0	1.5	Los Santos - Santander
212	2018/11/04	08:05:00	11.96	-71.79	41.0	2.0	Uribia - la Guajira
213	2018/11/04	08:10:03	6.77	-73.11	144.0	2.1	Los Santos - Santander
214	2018/11/04	08:12:56	6.82	-73.16	146.0	1.6	Los Santos - Santander
215	2018/11/04	08:40:22	6.79	-73.11	150.0	1.8	Los Santos - Santander
216	2018/11/04	08:49:23	6.8	-73.14	141.0	1.7	Los Santos - Santander
217	2018/11/04	09:03:50	6.58	-74.27	65.0	1.3	Cimitarra - Santander
218	2018/11/04	09:13:13	6.81	-73.12	145.0	2.6	Los Santos - Santander
219	2018/11/04	09:26:02	7.06	-72.25	4.0	1.7	Toledo - Norte de Santander
220	2018/11/04	09:29:17	6.8	-73.17	147.0	1.5	Los Santos - Santander
221	2018/11/04	09:30:41	6.81	-73.11	144.0	1.6	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
222	2018/11/04	09:48:00	5.28	-75.92	87.0	1.3	Mistrató - Risaralda
223	2018/11/04	09:54:37	9.74	-73.24	35.0	1.1	Becerrill - Cesar
224	2018/11/04	10:01:44	6.8	-73.13	154.0	2.0	Los Santos - Santander
225	2018/11/04	10:12:33	8.26	-73.19	119.0	1.7	La Playa - Norte de Santander
226	2018/11/04	10:26:40	6.79	-73.14	145.0	1.6	Los Santos - Santander
227	2018/11/04	10:57:48	6.66	-73.09	121.0	1.3	Curití - Santander
228	2018/11/04	11:08:35	6.72	-74.45	23.0	1.2	Puerto Berrío - Antioquia
229	2018/11/04	11:28:04	6.79	-73.15	142.0	1.1	Los Santos - Santander
230	2018/11/04	12:01:21	5.24	-73.69	147.0	1.9	Lenguazaque - Cundinamarca
231	2018/11/04	12:45:43	6.83	-73.14	149.0	1.7	Los Santos - Santander
232	2018/11/04	14:00:59	2.52	-76.66	129.0	1.7	Popayán - Cauca
233	2018/11/04	14:17:35	8.73	-73.94	77.0	1.7	San Martín de Loba - Bolívar
234	2018/11/04	14:21:38	5.59	-76.69	15.0	1.4	Atrato (Yuto) - Chocó
235	2018/11/04	14:22:01	6.77	-73.11	142.0	1.6	Los Santos - Santander
236	2018/11/04	15:15:34	6.75	-73.18	140.0	2.0	Villanueva - Santander
237	2018/11/04	15:25:55	6.78	-73.16	138.0	1.7	Los Santos - Santander
238	2018/11/04	15:40:25	6.84	-73.15	147.0	2.3	Los Santos - Santander
239	2018/11/04	15:44:48	5.64	-73.06	1.0	1.8	Firavitoba - Boyacá
240	2018/11/04	15:53:26	4.22	-76.21	125.0	1.9	Bugalagrande - Valle del Cauca
241	2018/11/04	16:45:07	6.83	-73.14	131.0	1.5	Los Santos - Santander
242	2018/11/04	16:57:00	6.46	-74.16	19.0	1.1	Cimitarra - Santander
243	2018/11/04	17:06:39	2.87	-78.14	8.0	1.3	Océano Pacífico
244	2018/11/04	17:13:53	6.87	-73.13	154.0	3.2	Los Santos - Santander
245	2018/11/04	17:48:48	6.81	-73.17	140.0	1.8	Los Santos - Santander
246	2018/11/04	17:50:51	6.4	-73.76	87.0	1.5	Landázuri - Santander
247	2018/11/04	19:16:47	5.28	-73.74	142.0	1.9	Cucunubá - Cundinamarca
248	2018/11/04	19:32:04	6.57	-73.55	108.0	2.0	El Carmen - Santander
249	2018/11/04	19:37:52	6.8	-73.2	146.0	1.7	Los Santos - Santander
250	2018/11/04	20:02:22	8.44	-73.49	86.0	1.7	Aguachica - Cesar
251	2018/11/04	20:27:55	3.34	-78.09	19.0	1.5	Océano Pacífico
252	2018/11/04	21:47:29	6.82	-73.15	142.0	2.0	Los Santos - Santander
253	2018/11/04	22:18:51	6.86	-73.81	8.0	1.5	Simacota - Santander
254	2018/11/04	22:21:49	4.54	-76.0	38.0	0.9	La Victoria - Valle del Cauca
255	2018/11/04	22:47:51	6.82	-73.15	145.0	1.8	Los Santos - Santander
256	2018/11/04	23:26:44	6.81	-73.15	144.0	1.9	Los Santos - Santander
257	2018/11/04	23:41:37	5.7	-73.0	-0.0	1.7	Firavitoba - Boyacá
258	2018/11/04	23:46:27	6.79	-73.2	140.0	1.3	Zapatoca - Santander
259	2018/11/04	23:54:10	7.76	-74.56	30.0	1.6	El Bagre - Antioquia
260	2018/11/05	00:33:28	5.57	-76.6	36.0	2.3	Atrato (Yuto) - Chocó
261	2018/11/05	00:42:12	7.65	-73.08	145.0	1.9	Cáchira - Norte de Santander
262	2018/11/05	00:58:47	5.7	-74.11	-0.0	0.5	San Pablo de Borbur - Boyacá
263	2018/11/05	01:02:08	3.86	-75.57	2.0	1.7	Chaparral - Tolima
264	2018/11/05	01:27:09	6.83	-73.14	148.0	2.2	Los Santos - Santander
265	2018/11/05	01:42:05	4.5	-76.2	124.0	2.0	Roldanillo - Valle del Cauca
266	2018/11/05	02:05:00	7.42	-73.19	131.0	1.7	El Playón - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
267	2018/11/05	02:45:57	6.75	-73.07	148.0	1.5	Los Santos - Santander
268	2018/11/05	02:48:17	10.4	-73.24	91.0	1.4	Valledupar - Cesar
269	2018/11/05	02:50:27	6.79	-73.15	146.0	2.0	Los Santos - Santander
270	2018/11/05	03:55:10	5.51	-74.47	9.0	1.3	Caparrapí - Cundinamarca
271	2018/11/05	04:17:43	6.81	-73.16	144.0	1.6	Los Santos - Santander
272	2018/11/05	04:40:50	5.26	-73.73	148.0	1.8	Lenguazaque - Cundinamarca
273	2018/11/05	05:02:24	3.3	-76.42	73.0	1.9	Puerto Tejada - Cauca
274	2018/11/05	05:52:55	6.78	-73.13	146.0	2.2	Los Santos - Santander
275	2018/11/05	06:10:18	3.38	-77.65	10.0	1.0	Océano Pacífico
276	2018/11/05	06:27:11	6.74	-73.12	142.0	1.6	Los Santos - Santander
277	2018/11/05	06:42:43	5.51	-74.59	94.0	1.0	Puerto Salgar - Cundinamarca
278	2018/11/05	06:47:05	6.15	-73.79	100.0	1.4	Bolívar - Santander
279	2018/11/05	08:48:31	1.68	-79.53	20.0	3.5	Océano Pacífico
280	2018/11/05	09:27:42	6.76	-73.16	147.0	1.6	Los Santos - Santander
281	2018/11/05	09:39:05	6.82	-73.15	145.0	2.0	Los Santos - Santander
282	2018/11/05	09:52:27	7.91	-73.17	134.0	1.3	Ábrego - Norte de Santander
283	2018/11/05	09:56:17	6.81	-73.14	149.0	1.9	Los Santos - Santander
284	2018/11/05	09:58:14	6.77	-73.12	143.0	1.6	Los Santos - Santander
285	2018/11/05	10:11:23	6.77	-73.12	144.0	1.6	Los Santos - Santander
286	2018/11/05	10:16:40	6.8	-73.12	147.0	2.0	Los Santos - Santander
287	2018/11/05	10:24:48	6.82	-73.14	152.0	2.7	Los Santos - Santander
288	2018/11/05	10:31:39	6.83	-73.15	152.0	2.7	Los Santos - Santander
289	2018/11/05	10:35:40	6.8	-73.18	142.0	1.7	Los Santos - Santander
290	2018/11/05	10:49:57	7.55	-72.81	-1.0	1.8	Cucutilla - Norte de Santander
291	2018/11/05	11:48:37	6.81	-73.17	146.0	1.5	Los Santos - Santander
292	2018/11/05	11:58:40	6.81	-73.13	152.0	2.6	Los Santos - Santander
293	2018/11/05	12:21:04	1.68	-79.55	20.0	2.9	Océano Pacífico
294	2018/11/05	13:04:07	6.71	-73.31	134.0	1.7	Galán - Santander
295	2018/11/05	13:19:37	6.84	-72.93	132.0	1.7	Piedecuesta - Santander
296	2018/11/05	13:29:20	6.8	-73.15	145.0	1.6	Los Santos - Santander
297	2018/11/05	13:38:54	4.21	-76.31	134.0	2.4	Trujillo - Valle del Cauca
298	2018/11/05	13:59:36	6.77	-73.12	148.0	2.0	Los Santos - Santander
299	2018/11/05	14:07:04	1.75	-79.65	17.0	2.9	Océano Pacífico
300	2018/11/05	14:13:13	9.82	-75.03	160.0	2.0	San Jacinto - Bolívar
301	2018/11/05	14:19:37	5.06	-76.62	72.0	2.2	Condoto - Chocó
302	2018/11/05	14:28:05	6.83	-73.18	149.0	1.5	Zapatoca - Santander
303	2018/11/05	14:40:38	6.8	-73.14	142.0	1.6	Los Santos - Santander
304	2018/11/05	14:48:47	6.77	-73.03	150.0	1.7	Aratoca - Santander
305	2018/11/05	14:55:59	6.55	-73.53	106.0	2.0	El Carmen - Santander
306	2018/11/05	14:57:31	6.79	-73.13	138.0	1.9	Los Santos - Santander
307	2018/11/05	15:25:58	6.8	-73.13	148.0	2.7	Los Santos - Santander
308	2018/11/05	16:05:47	6.57	-73.51	111.0	1.8	El Carmen - Santander
309	2018/11/05	16:20:21	5.96	-73.78	110.0	1.6	Bolívar - Santander
310	2018/11/05	16:30:12	6.81	-73.15	143.0	1.5	Los Santos - Santander
311	2018/11/05	16:32:39	6.8	-73.18	147.0	1.4	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
312	2018/11/05	16:46:50	6.72	-76.28	6.0	1.5	Frontino - Antioquia
313	2018/11/05	17:36:41	6.8	-73.18	145.0	1.5	Los Santos - Santander
314	2018/11/05	17:57:12	6.36	-71.79	37.0	1.8	Tame - Arauca
315	2018/11/05	18:17:49	5.25	-73.74	144.0	1.9	Cucunubá - Cundinamarca
316	2018/11/05	18:23:11	5.55	-76.61	28.0	1.5	Atrato (Yuto) - Chocó
317	2018/11/05	19:05:34	6.82	-73.17	146.0	1.6	Los Santos - Santander
318	2018/11/05	19:39:56	6.79	-73.17	146.0	1.9	Los Santos - Santander
319	2018/11/05	20:58:40	6.74	-73.15	142.0	1.8	Los Santos - Santander
320	2018/11/05	21:05:58	6.8	-73.16	150.0	1.6	Los Santos - Santander
321	2018/11/05	21:39:31	6.78	-73.15	146.0	1.7	Los Santos - Santander
322	2018/11/05	21:41:03	6.81	-73.13	150.0	2.7	Los Santos - Santander
323	2018/11/05	22:33:23	6.78	-73.12	148.0	1.9	Los Santos - Santander
324	2018/11/05	22:44:59	5.06	-75.49	121.0	4.0	Manizales - Caldas
325	2018/11/06	00:14:46	7.18	-72.02	0.0	1.6	Northern Colombia
326	2018/11/06	00:46:39	3.56	-74.47	21.0	1.5	Uribe - Meta
327	2018/11/06	00:51:35	6.81	-73.16	144.0	1.6	Los Santos - Santander
328	2018/11/06	01:10:33	6.82	-73.12	151.0	2.3	Los Santos - Santander
329	2018/11/06	01:34:03	6.8	-73.17	146.0	1.7	Los Santos - Santander
330	2018/11/06	01:46:06	6.78	-73.15	142.0	1.7	Los Santos - Santander
331	2018/11/06	01:49:59	6.85	-73.15	153.0	2.3	Los Santos - Santander
332	2018/11/06	02:07:35	6.63	-73.54	106.0	1.9	El Carmen - Santander
333	2018/11/06	02:15:16	6.81	-73.18	147.0	1.6	Los Santos - Santander
334	2018/11/06	02:18:09	6.79	-73.21	135.0	1.6	Zapatoca - Santander
335	2018/11/06	02:25:35	6.85	-73.2	147.0	1.4	Zapatoca - Santander
336	2018/11/06	02:27:03	7.53	-77.01	18.0	2.1	Riosucio - Chocó
337	2018/11/06	02:48:16	6.14	-73.74	114.0	1.3	Bolívar - Santander
338	2018/11/06	04:42:39	6.32	-73.62	105.0	1.7	Santa Helena del Opón - Santander
339	2018/11/06	04:58:11	6.76	-73.2	143.0	1.5	Villanueva - Santander
340	2018/11/06	05:17:57	6.75	-73.1	149.0	1.9	Los Santos - Santander
341	2018/11/06	06:28:16	6.98	-73.17	140.0	1.5	Girón - Santander
342	2018/11/06	06:45:48	6.8	-73.18	142.0	1.7	Los Santos - Santander
343	2018/11/06	07:49:13	6.08	-74.26	24.0	1.0	Bolívar - Santander
344	2018/11/06	08:02:20	6.23	-73.82	98.0	1.5	Landázuri - Santander
345	2018/11/06	08:16:02	6.76	-73.09	154.0	1.8	Los Santos - Santander
346	2018/11/06	08:24:31	6.81	-73.13	153.0	2.2	Los Santos - Santander
347	2018/11/06	08:50:49	2.38	-75.58	13.0	1.8	Gigante - Huila
348	2018/11/06	08:54:24	6.83	-73.14	148.0	1.8	Los Santos - Santander
349	2018/11/06	08:55:52	6.79	-73.23	136.0	1.6	Zapatoca - Santander
350	2018/11/06	09:18:31	6.81	-73.2	146.0	2.3	Zapatoca - Santander
351	2018/11/06	09:19:25	6.81	-73.13	147.0	2.8	Los Santos - Santander
352	2018/11/06	09:23:49	7.43	-73.15	140.0	1.6	Rionegro - Santander
353	2018/11/06	09:37:18	6.95	-73.17	152.0	1.2	Girón - Santander
354	2018/11/06	09:52:12	6.82	-73.14	153.0	3.4	Los Santos - Santander
355	2018/11/06	10:02:06	6.79	-73.15	142.0	1.7	Los Santos - Santander
356	2018/11/06	10:28:41	2.72	-75.03	4.0	1.6	San Vicente del Caguán - Caquetá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
357	2018/11/06	10:33:31	8.58	-76.32	63.0	1.9	Arboletes - Antioquia
358	2018/11/06	11:05:57	1.74	-74.61	-1.0	1.7	San Vicente del Caguán - Caquetá
359	2018/11/06	11:20:41	3.99	-76.36	113.0	2.3	Yotoco - Valle del Cauca
360	2018/11/06	11:44:52	11.02	-74.72	31.0	1.6	Sitionuevo - Magdalena
361	2018/11/06	12:01:19	6.8	-73.12	155.0	1.6	Los Santos - Santander
362	2018/11/06	12:09:38	2.66	-75.01	3.0	2.3	San Vicente del Caguán - Caquetá
363	2018/11/06	12:10:13	6.81	-73.15	148.0	1.9	Los Santos - Santander
364	2018/11/06	13:49:27	6.78	-73.12	144.0	2.5	Los Santos - Santander
365	2018/11/06	14:14:37	6.81	-73.2	145.0	1.8	Zapatoca - Santander
366	2018/11/06	14:20:52	6.78	-73.16	140.0	1.9	Los Santos - Santander
367	2018/11/06	15:09:53	6.72	-73.06	140.0	2.1	Jordán - Santander
368	2018/11/06	16:12:10	10.06	-73.1	117.0	3.4	Agustín Codazzi - Cesar
369	2018/11/06	16:36:34	6.79	-73.13	151.0	1.5	Los Santos - Santander
370	2018/11/06	16:39:41	6.78	-73.18	148.0	1.7	Los Santos - Santander
371	2018/11/06	17:09:08	5.64	-73.63	138.0	1.8	Sutamarchán - Boyacá
372	2018/11/06	21:56:43	6.8	-73.15	149.0	2.4	Los Santos - Santander
373	2018/11/06	22:53:04	6.79	-73.14	147.0	2.1	Los Santos - Santander
374	2018/11/06	23:00:57	6.92	-73.15	146.0	2.1	Girón - Santander
375	2018/11/06	23:37:38	6.82	-73.14	138.0	1.7	Los Santos - Santander
376	2018/11/06	23:52:01	6.8	-73.15	143.0	2.1	Los Santos - Santander
377	2018/11/07	01:23:44	6.46	-72.83	6.0	1.1	San Joaquín - Santander
378	2018/11/07	01:26:13	6.79	-73.11	144.0	1.4	Los Santos - Santander
379	2018/11/07	01:44:10	6.8	-73.06	131.0	1.4	Los Santos - Santander
380	2018/11/07	01:47:06	7.29	-75.53	13.0	1.4	Ituango - Antioquia
381	2018/11/07	01:51:39	5.63	-76.64	22.0	1.3	Quibdó - Chocó
382	2018/11/07	01:52:26	1.74	-77.08	16.0	0.9	Mercaderes - Cauca
383	2018/11/07	02:16:04	5.9	-73.72	118.0	1.2	Puente Nacional - Santander
384	2018/11/07	02:26:18	6.84	-73.15	132.0	1.3	Los Santos - Santander
385	2018/11/07	02:41:13	6.5	-73.74	94.0	1.8	Vélez - Santander
386	2018/11/07	03:21:52	6.83	-73.07	145.0	1.4	Los Santos - Santander
387	2018/11/07	03:25:39	6.08	-73.65	118.0	1.3	Chipatá - Santander
388	2018/11/07	03:26:37	6.81	-73.16	141.0	1.4	Los Santos - Santander
389	2018/11/07	03:33:39	7.25	-73.98	17.0	1.3	Cantagallo - Bolívar
390	2018/11/07	03:40:20	6.96	-73.12	154.0	1.4	Girón - Santander
391	2018/11/07	03:43:45	7.39	-73.2	128.0	1.5	Rionegro - Santander
392	2018/11/07	03:49:32	4.25	-76.77	0.0	1.3	El Litoral del San Juan (Docordó) - Chocó
393	2018/11/07	04:12:27	8.34	-73.39	107.0	1.6	Rio de Oro - Cesar
394	2018/11/07	04:53:35	6.91	-76.2	0.0	1.4	Uramita - Antioquia
395	2018/11/07	05:22:12	4.37	-76.31	113.0	1.0	Bolívar - Valle del Cauca
396	2018/11/07	05:35:55	3.92	-73.67	17.0	0.7	Acacías - Meta
397	2018/11/07	05:37:53	5.54	-75.66	87.0	1.1	Caramanta - Antioquia
398	2018/11/07	05:45:37	6.83	-73.23	143.0	1.4	Zapatoca - Santander
399	2018/11/07	05:57:35	6.86	-73.54	104.0	1.5	San Vicente de Chucurí - Santander
400	2018/11/07	06:11:04	5.17	-76.33	91.0	1.0	Condoto - Chocó
401	2018/11/07	06:36:28	6.79	-73.15	152.0	1.8	Los Santos - Santander
402	2018/11/07	07:16:23	4.66	-74.87	27.0	0.9	Venadillo - Tolima

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
403	2018/11/07	07:29:46	4.4	-75.68	14.0	1.2	Córdoba - Quindío
404	2018/11/07	07:43:53	6.81	-73.2	146.0	1.6	Zapatoca - Santander
405	2018/11/07	07:51:39	6.8	-73.14	146.0	2.0	Los Santos - Santander
406	2018/11/07	07:57:48	6.82	-73.12	149.0	2.2	Los Santos - Santander
407	2018/11/07	08:04:10	6.98	-76.32	10.0	1.3	Dabeiba - Antioquia
408	2018/11/07	08:27:52	4.51	-76.23	104.0	1.3	El Dovio - Valle del Cauca
409	2018/11/07	08:47:45	6.08	-72.37	10.0	1.5	La Salina - Casanare
410	2018/11/07	09:24:13	4.74	-76.15	94.0	1.4	Argelia - Valle del Cauca
411	2018/11/07	10:04:12	1.26	-77.46	11.0	2.4	Volcán Galeras
412	2018/11/07	10:28:50	6.83	-73.14	149.0	2.4	Los Santos - Santander
413	2018/11/07	10:48:27	4.54	-76.15	109.0	1.6	La Unión - Valle del Cauca
414	2018/11/07	11:14:58	8.76	-72.91	117.0	1.6	Tibú - Norte de Santander
415	2018/11/07	13:21:25	6.8	-73.18	144.0	1.5	Los Santos - Santander
416	2018/11/07	14:07:22	6.82	-73.16	152.0	3.4	Los Santos - Santander
417	2018/11/07	15:15:40	6.84	-73.18	140.0	1.5	Zapatoca - Santander
418	2018/11/07	15:23:11	1.87	-76.03	-1.0	3.1	Pitalito - Huila
419	2018/11/07	15:30:25	6.8	-73.19	142.0	1.6	Los Santos - Santander
420	2018/11/07	15:45:45	6.78	-73.2	139.0	1.6	Los Santos - Santander
421	2018/11/07	16:30:20	10.06	-73.59	88.0	1.8	Valledupar - Cesar
422	2018/11/07	17:21:20	6.79	-73.16	142.0	1.8	Los Santos - Santander
423	2018/11/07	20:35:13	6.78	-73.19	142.0	1.6	Los Santos - Santander
424	2018/11/07	21:26:31	5.93	-78.12	11.0	2.2	Océano Pacífico
425	2018/11/07	22:00:16	2.93	-76.89	110.0	1.4	López - Cauca
426	2018/11/07	22:23:42	7.27	-76.06	17.0	1.4	Ituango - Antioquia
427	2018/11/07	22:40:16	6.89	-78.52	62.0	2.0	Océano Pacífico
428	2018/11/08	00:26:41	3.93	-76.25	117.0	1.8	Buga - Valle del Cauca
429	2018/11/08	00:36:26	6.81	-73.18	137.0	1.6	Los Santos - Santander
430	2018/11/08	00:57:45	6.79	-73.15	145.0	1.5	Los Santos - Santander
431	2018/11/08	01:19:30	4.98	-76.02	112.0	2.6	La Celia - Risaralda
432	2018/11/08	01:39:08	8.44	-73.12	137.0	1.9	San Calixto - Norte de Santander
433	2018/11/08	01:56:01	8.33	-74.22	55.0	1.9	Arenal - Bolívar
434	2018/11/08	02:10:54	2.38	-75.53	16.0	1.0	Gigante - Huila
435	2018/11/08	02:27:05	6.72	-73.14	139.0	1.3	Jordán - Santander
436	2018/11/08	03:53:31	4.81	-76.15	105.0	2.1	El Cairo - Valle del Cauca
437	2018/11/08	04:03:28	6.75	-73.15	143.0	1.6	Los Santos - Santander
438	2018/11/08	05:06:19	6.14	-74.28	24.0	1.4	Cimitarra - Santander
439	2018/11/08	05:41:31	7.32	-72.16	0.0	1.4	Toledo - Norte de Santander
440	2018/11/08	05:55:44	7.19	-72.12	3.0	1.5	Northern Colombia
441	2018/11/08	06:06:04	6.81	-73.15	141.0	1.6	Los Santos - Santander
442	2018/11/08	06:19:13	6.78	-73.21	146.0	1.7	Zapatoca - Santander
443	2018/11/08	06:24:06	4.56	-75.37	176.0	2.7	Ibagué - Tolima
444	2018/11/08	06:38:35	6.31	-74.82	12.0	1.0	San Carlos - Antioquia
445	2018/11/08	07:06:44	8.1	-73.1	147.0	1.7	Ábrego - Norte de Santander
446	2018/11/08	07:20:53	6.76	-73.44	110.0	1.7	San Vicente de Chucurí - Santander
447	2018/11/08	07:33:00	7.47	-73.06	152.0	1.4	El Playón - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
448	2018/11/08	08:07:20	6.74	-73.16	139.0	1.4	Los Santos - Santander
449	2018/11/08	08:11:35	6.79	-73.16	133.0	1.6	Los Santos - Santander
450	2018/11/08	08:44:32	6.88	-76.7	12.0	2.2	Murindó - Antioquia
451	2018/11/08	08:52:28	6.86	-73.0	155.0	1.8	Piedecuesta - Santander
452	2018/11/08	08:58:09	6.83	-73.17	147.0	2.1	Los Santos - Santander
453	2018/11/08	09:46:40	4.06	-76.6	68.0	1.2	El Litoral del San Juan (Docordó) - Chocó
454	2018/11/08	10:06:24	1.92	-75.98	15.0	1.3	Timaná - Huila
455	2018/11/08	10:56:40	6.07	-74.27	19.0	1.6	Puerto Boyacá - Boyacá
456	2018/11/08	11:21:59	10.53	-73.38	37.0	1.9	Valledupar - Cesar
457	2018/11/08	12:29:27	6.41	-72.87	-0.0	2.6	San Joaquín - Santander
458	2018/11/08	12:50:49	6.8	-73.2	144.0	1.3	Zapatoca - Santander
459	2018/11/08	14:02:26	6.81	-73.14	140.0	1.9	Los Santos - Santander
460	2018/11/08	14:33:31	6.8	-73.16	142.0	1.5	Los Santos - Santander
461	2018/11/08	14:57:35	6.83	-73.14	135.0	1.7	Los Santos - Santander
462	2018/11/08	15:01:55	6.82	-73.14	142.0	1.9	Los Santos - Santander
463	2018/11/08	15:24:16	3.54	-76.45	136.0	1.9	Palmira - Valle del Cauca
464	2018/11/08	15:57:59	6.16	-73.78	98.0	1.4	Bolivar - Santander
465	2018/11/08	16:45:01	6.83	-73.16	149.0	2.2	Los Santos - Santander
466	2018/11/08	17:08:39	7.3	-73.18	135.0	1.8	Rionegro - Santander
467	2018/11/08	17:20:45	6.8	-73.21	146.0	1.5	Zapatoca - Santander
468	2018/11/08	17:32:31	6.78	-73.12	138.0	2.4	Los Santos - Santander
469	2018/11/08	17:52:16	6.56	-73.59	103.0	1.5	El Carmen - Santander
470	2018/11/08	21:21:41	4.38	-76.61	98.0	1.6	Sipí - Chocó
471	2018/11/08	21:37:30	7.37	-73.2	122.0	2.0	Rionegro - Santander
472	2018/11/08	22:12:00	5.88	-74.89	0.0	1.2	San Francisco - Antioquia
473	2018/11/08	22:57:35	6.84	-73.15	146.0	1.9	Los Santos - Santander
474	2018/11/09	00:53:31	6.81	-73.26	131.0	1.8	Zapatoca - Santander
475	2018/11/09	01:10:29	4.8	-74.78	22.0	1.1	Ambalema - Tolima
476	2018/11/09	01:26:01	6.6	-76.89	16.0	1.5	Vigia del Fuerte - Antioquia
477	2018/11/09	01:52:46	6.81	-73.14	146.0	2.3	Los Santos - Santander
478	2018/11/09	02:13:54	5.94	-73.49	148.0	1.8	Togüí - Boyacá
479	2018/11/09	02:18:59	6.78	-73.18	136.0	1.9	Los Santos - Santander
480	2018/11/09	02:31:00	4.78	-74.79	13.0	1.5	Ambalema - Tolima
481	2018/11/09	02:37:19	3.43	-77.83	54.0	1.2	Océano Pacífico
482	2018/11/09	02:42:51	1.91	-75.96	40.0	1.2	Timaná - Huila
483	2018/11/09	02:47:55	5.4	-75.58	-2.0	0.9	La Merced - Caldas
484	2018/11/09	02:50:09	6.8	-73.13	151.0	1.5	Los Santos - Santander
485	2018/11/09	03:00:39	2.0	-75.94	32.0	0.9	Elías - Huila
486	2018/11/09	03:16:40	6.8	-73.14	144.0	1.6	Los Santos - Santander
487	2018/11/09	03:26:15	6.67	-73.09	132.0	1.5	Curití - Santander
488	2018/11/09	03:26:29	5.96	-73.84	22.0	1.2	Sucre - Santander
489	2018/11/09	03:30:37	6.61	-73.23	150.0	1.4	Barichara - Santander
490	2018/11/09	03:37:46	6.84	-73.13	144.0	1.5	Los Santos - Santander
491	2018/11/09	03:43:31	6.8	-73.15	143.0	1.4	Los Santos - Santander
492	2018/11/09	05:01:44	6.8	-73.14	150.0	2.3	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
493	2018/11/09	05:09:33	2.49	-75.54	20.0	1.1	Gigante - Huila
494	2018/11/09	05:21:26	6.86	-73.29	124.0	2.0	Zapatoca - Santander
495	2018/11/09	05:47:40	9.78	-75.18	47.0	1.6	El Carmen de Bolívar - Bolívar
496	2018/11/09	06:12:25	6.1	-73.71	110.0	1.0	Vélez - Santander
497	2018/11/09	06:48:26	2.33	-77.24	89.0	1.0	Argelia - Cauca
498	2018/11/09	07:02:46	2.43	-75.52	7.0	1.8	Gigante - Huila
499	2018/11/09	08:34:45	6.84	-73.12	148.0	2.5	Los Santos - Santander
500	2018/11/09	08:38:38	6.82	-73.16	99.0	1.6	Los Santos - Santander
501	2018/11/09	08:51:50	5.87	-76.53	20.0	0.9	Quibdó - Chocó
502	2018/11/09	09:26:39	1.88	-76.01	23.0	1.2	Pitalito - Huila
503	2018/11/09	09:33:58	9.77	-73.15	-1.0	1.5	Becerrill - Cesar
504	2018/11/09	09:51:33	5.86	-74.38	5.0	1.8	Puerto Boyacá - Boyacá
505	2018/11/09	10:10:28	10.11	-73.29	18.0	1.2	La Paz - Cesar
506	2018/11/09	10:24:51	0.78	-77.3	5.0	1.4	Córdoba - Nariño
507	2018/11/09	10:25:38	6.89	-73.11	147.0	1.8	Los Santos - Santander
508	2018/11/09	10:46:36	6.81	-73.19	145.0	1.9	Zapatoca - Santander
509	2018/11/09	11:06:35	6.96	-76.27	-2.0	1.8	Dabeiba - Antioquia
510	2018/11/09	11:12:00	6.83	-73.13	150.0	4.0	Los Santos - Santander
511	2018/11/09	12:19:42	6.82	-73.15	149.0	1.4	Los Santos - Santander
512	2018/11/09	12:27:06	6.8	-73.2	141.0	1.5	Zapatoca - Santander
513	2018/11/09	13:32:01	6.83	-73.15	147.0	2.2	Los Santos - Santander
514	2018/11/09	14:50:20	5.37	-75.53	40.0	1.3	La Merced - Caldas
515	2018/11/09	15:34:29	5.59	-76.52	30.0	1.7	Atrato (Yuto) - Chocó
516	2018/11/09	15:54:23	6.93	-76.32	0.0	2.5	Dabeiba - Antioquia
517	2018/11/09	16:29:03	7.04	-72.87	175.0	1.8	Santa Bárbara - Santander
518	2018/11/09	16:38:19	6.84	-73.17	151.0	2.3	Zapatoca - Santander
519	2018/11/09	17:09:49	6.79	-73.08	148.0	2.0	Los Santos - Santander
520	2018/11/09	17:26:55	6.76	-73.15	139.0	1.7	Los Santos - Santander
521	2018/11/09	18:02:34	6.55	-73.52	109.0	2.4	El Carmen - Santander
522	2018/11/09	18:28:15	6.78	-73.15	147.0	1.7	Los Santos - Santander
523	2018/11/09	18:41:36	6.79	-73.17	151.0	1.7	Los Santos - Santander
524	2018/11/09	18:49:59	6.78	-73.17	144.0	1.6	Los Santos - Santander
525	2018/11/09	18:51:55	7.51	-75.14	25.0	1.5	Cáceres - Antioquia
526	2018/11/09	20:03:12	4.78	-76.17	96.0	2.4	El Cairo - Valle del Cauca
527	2018/11/09	20:20:02	7.42	-75.37	18.0	1.7	Tarazá - Antioquia
528	2018/11/09	20:24:11	6.19	-73.65	107.0	1.7	La Paz - Santander
529	2018/11/09	21:02:58	6.89	-76.33	0.0	1.4	Dabeiba - Antioquia
530	2018/11/09	21:46:53	3.7	-76.74	63.0	1.7	Dagua - Valle del Cauca
531	2018/11/09	22:44:18	6.76	-73.1	136.0	2.2	Los Santos - Santander
532	2018/11/09	22:58:11	6.31	-76.08	29.0	1.5	Urrao - Antioquia
533	2018/11/10	01:02:49	6.86	-73.12	147.0	1.4	Los Santos - Santander
534	2018/11/10	01:54:30	6.83	-73.15	152.0	3.1	Los Santos - Santander
535	2018/11/10	02:36:10	6.82	-73.14	150.0	3.3	Los Santos - Santander
536	2018/11/10	03:17:28	3.02	-77.36	31.0	3.0	López - Cauca
537	2018/11/10	03:47:03	5.27	-72.77	0.0	1.5	Recetor - Casanare
538	2018/11/10	03:58:18	5.78	-73.79	120.0	1.7	Albania - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
539	2018/11/10	04:16:49	3.88	-76.68	97.0	1.3	Calima (El Darién) - Valle del Cauca
540	2018/11/10	05:02:14	6.77	-73.13	144.0	1.8	Los Santos - Santander
541	2018/11/10	05:43:32	5.12	-72.96	0.0	1.9	Páez - Boyacá
542	2018/11/10	06:10:17	6.97	-72.14	24.0	1.5	Cubará - Boyacá
543	2018/11/10	06:58:08	8.71	-73.16	153.0	1.4	Teorama - Norte de Santander
544	2018/11/10	07:11:12	6.77	-73.15	144.0	2.0	Los Santos - Santander
545	2018/11/10	08:02:21	9.52	-75.05	3.0	1.2	Ovejas - Sucre
546	2018/11/10	08:08:28	6.81	-73.14	152.0	2.9	Los Santos - Santander
547	2018/11/10	08:42:41	6.81	-73.14	150.0	2.1	Los Santos - Santander
548	2018/11/10	08:56:16	7.18	-75.9	22.0	2.1	Peque - Antioquia
549	2018/11/10	09:17:04	0.66	-77.82	1.0	2.5	Colombia-Ecuador Border Region
550	2018/11/10	10:33:06	6.75	-73.43	112.0	1.3	San Vicente de Chucurí - Santander
551	2018/11/10	10:35:24	4.66	-75.56	4.0	1.2	Salento - Quindío
552	2018/11/10	11:31:13	5.3	-74.62	30.0	1.0	Guaduas - Cundinamarca
553	2018/11/10	11:42:48	6.6	-72.53	-0.0	2.0	Carcasí - Santander
554	2018/11/10	12:31:06	6.78	-73.13	148.0	2.1	Los Santos - Santander
555	2018/11/10	13:00:59	6.79	-73.16	148.0	1.4	Los Santos - Santander
556	2018/11/10	13:11:50	4.8	-76.17	102.0	1.7	El Cairo - Valle del Cauca
557	2018/11/10	13:29:22	6.83	-73.15	148.0	2.4	Los Santos - Santander
558	2018/11/10	13:36:32	6.73	-73.52	108.0	3.3	El Carmen - Santander
559	2018/11/10	13:52:49	3.66	-74.18	4.0	1.8	Lejanías - Meta
560	2018/11/10	14:35:13	6.06	-73.56	119.0	1.5	San Benito - Santander
561	2018/11/10	14:58:16	4.63	-77.39	67.0	1.9	Océano Pacífico
562	2018/11/10	16:10:40	9.5	-73.03	-2.0	1.9	Northern Colombia
563	2018/11/10	16:51:55	3.66	-76.78	96.0	1.7	Dagua - Valle del Cauca
564	2018/11/10	16:58:11	6.78	-73.16	142.0	1.6	Los Santos - Santander
565	2018/11/10	17:44:49	6.8	-73.18	145.0	1.9	Los Santos - Santander
566	2018/11/10	18:03:11	3.56	-74.4	1.0	2.4	Uribe - Meta
567	2018/11/10	18:09:08	6.36	-76.79	3.0	1.8	Bojayá (Bellavista) - Chocó
568	2018/11/10	18:12:51	6.79	-73.14	142.0	2.2	Los Santos - Santander
569	2018/11/10	19:28:13	6.64	-71.96	-1.0	2.4	Fortul - Arauca
570	2018/11/10	19:50:43	4.36	-76.66	85.0	1.7	El Litoral del San Juan (Docordó) - Chocó
571	2018/11/10	20:10:57	6.66	-76.66	30.0	1.7	Murindó - Antioquia
572	2018/11/10	20:39:02	6.79	-73.14	149.0	1.6	Los Santos - Santander
573	2018/11/10	21:07:29	6.01	-73.73	126.0	1.4	Vélez - Santander
574	2018/11/10	21:08:56	7.75	-73.41	114.0	1.8	San Alberto - Cesar
575	2018/11/10	22:20:26	6.9	-76.2	-0.0	1.9	Uramita - Antioquia
576	2018/11/10	22:24:02	5.21	-76.66	50.0	3.1	Unión Panamericana (Animas) - Chocó
577	2018/11/10	23:01:29	6.91	-73.12	147.0	1.9	Girón - Santander
578	2018/11/10	23:05:40	6.54	-77.01	27.0	1.8	Bojayá (Bellavista) - Chocó
579	2018/11/10	23:24:00	6.11	-73.74	111.0	1.8	Vélez - Santander
580	2018/11/10	23:48:31	7.75	-74.09	4.0	1.6	Simití - Bolívar
581	2018/11/11	00:21:25	3.24	-76.32	0.0	1.3	Miranda - Cauca
582	2018/11/11	00:30:56	6.81	-73.12	144.0	1.7	Los Santos - Santander
583	2018/11/11	00:38:10	7.35	-73.19	130.0	1.6	Rionegro - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
584	2018/11/11	01:07:01	6.83	-73.19	142.0	1.7	Zapatoca - Santander
585	2018/11/11	01:30:59	6.79	-73.14	138.0	1.6	Los Santos - Santander
586	2018/11/11	01:38:01	6.79	-73.1	146.0	2.0	Los Santos - Santander
587	2018/11/11	01:44:47	4.66	-75.54	-1.0	1.1	Salento - Quindío
588	2018/11/11	01:51:32	5.57	-74.8	17.0	0.8	Victoria - Caldas
589	2018/11/11	01:59:45	6.81	-73.15	147.0	1.8	Los Santos - Santander
590	2018/11/11	02:03:07	6.55	-73.58	112.0	1.6	El Carmen - Santander
591	2018/11/11	02:22:46	6.7	-73.38	142.0	1.4	Galán - Santander
592	2018/11/11	03:06:04	6.86	-73.13	147.0	2.2	Los Santos - Santander
593	2018/11/11	03:28:05	7.47	-73.41	114.0	1.6	Rionegro - Santander
594	2018/11/11	03:52:17	10.52	-72.99	84.0	1.4	Urumita - la Guajira
595	2018/11/11	04:01:42	7.56	-74.0	73.0	1.2	San Pablo - Bolívar
596	2018/11/11	04:43:10	4.43	-75.68	-1.0	1.0	Calarcá - Quindío
597	2018/11/11	05:02:10	6.76	-73.1	139.0	1.9	Los Santos - Santander
598	2018/11/11	05:09:05	6.78	-73.13	149.0	1.6	Los Santos - Santander
599	2018/11/11	05:13:14	4.41	-76.29	109.0	1.6	Bolívar - Valle del Cauca
600	2018/11/11	05:20:46	7.61	-73.13	144.0	2.2	Cáchira - Norte de Santander
601	2018/11/11	06:34:23	4.69	-76.04	117.0	1.4	Toro - Valle del Cauca
602	2018/11/11	07:15:38	9.32	-73.2	125.0	1.8	Northern Colombia
603	2018/11/11	07:58:12	6.57	-73.43	118.0	1.8	Hato - Santander
604	2018/11/11	08:27:08	6.83	-73.1	144.0	1.7	Los Santos - Santander
605	2018/11/11	08:29:36	6.94	-76.24	-1.0	1.6	Dabeiba - Antioquia
606	2018/11/11	08:50:33	10.64	-73.33	76.0	1.5	Valledupar - Cesar
607	2018/11/11	09:32:47	6.78	-73.12	146.0	1.8	Los Santos - Santander
608	2018/11/11	09:36:34	3.36	-74.62	-0.0	1.5	Uribe - Meta
609	2018/11/11	10:24:02	8.04	-73.25	133.0	1.8	Ábrego - Norte de Santander
610	2018/11/11	11:10:19	4.15	-76.01	103.0	1.4	Bugalagrande - Valle del Cauca
611	2018/11/11	11:30:56	6.81	-73.15	148.0	2.2	Los Santos - Santander
612	2018/11/11	11:39:27	4.76	-75.08	72.0	1.5	Murillo - Tolima
613	2018/11/11	11:47:01	3.47	-76.55	125.0	1.3	Cali - Valle del Cauca
614	2018/11/11	13:38:31	6.82	-73.11	152.0	2.3	Los Santos - Santander
615	2018/11/11	13:47:19	6.81	-73.16	144.0	1.9	Los Santos - Santander
616	2018/11/11	14:21:52	5.34	-76.8	3.0	2.3	El Cantón del San Pablo (Managrú) - Chocó
617	2018/11/11	14:30:28	7.5	-74.42	46.0	1.8	Santa Rosa del Sur - Bolívar
618	2018/11/11	14:51:42	6.89	-73.08	147.0	1.9	Piedecuesta - Santander
619	2018/11/11	14:55:34	6.78	-73.15	141.0	1.5	Los Santos - Santander
620	2018/11/11	15:14:29	6.74	-73.12	150.0	1.8	Los Santos - Santander
621	2018/11/11	15:30:22	8.51	-72.98	12.0	1.6	Tibú - Norte de Santander
622	2018/11/11	15:33:10	6.8	-73.15	141.0	1.8	Los Santos - Santander
623	2018/11/11	15:57:28	6.86	-73.2	139.0	1.5	Zapatoca - Santander
624	2018/11/11	16:08:54	5.67	-74.01	101.0	1.6	Pauna - Boyacá
625	2018/11/11	16:23:48	6.76	-73.12	148.0	2.2	Los Santos - Santander
626	2018/11/11	16:26:58	6.77	-73.15	141.0	1.5	Los Santos - Santander
627	2018/11/11	18:45:28	3.86	-76.33	119.0	1.4	Buga - Valle del Cauca
628	2018/11/11	18:52:55	6.0	-73.54	123.0	1.9	San José de Pare - Boyacá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
629	2018/11/11	19:01:47	4.39	-76.09	106.0	1.5	Zarzal - Valle del Cauca
630	2018/11/11	19:31:54	3.96	-76.6	4.0	1.1	Calima (El Darién) - Valle del Cauca
631	2018/11/11	19:49:39	6.79	-73.16	144.0	1.6	Los Santos - Santander
632	2018/11/11	19:53:29	2.69	-75.04	4.0	2.2	San Vicente del Caguán - Caquetá
633	2018/11/11	20:08:08	6.81	-73.15	139.0	2.3	Los Santos - Santander
634	2018/11/11	20:14:16	6.79	-73.13	146.0	2.1	Los Santos - Santander
635	2018/11/11	20:16:58	6.03	-74.27	31.0	1.1	Puerto Boyacá - Boyacá
636	2018/11/11	20:57:15	6.33	-73.58	109.0	2.0	Santa Helena del Opón - Santander
637	2018/11/11	21:32:31	6.79	-73.16	142.0	1.6	Los Santos - Santander
638	2018/11/11	22:04:58	4.78	-76.27	97.0	1.7	El Cairo - Valle del Cauca
639	2018/11/11	22:16:15	7.32	-74.38	41.0	1.2	San Pablo - Bolívar
640	2018/11/11	22:50:10	6.78	-73.14	137.0	1.7	Los Santos - Santander
641	2018/11/11	22:53:20	6.86	-73.24	123.0	1.4	Zapatoca - Santander
642	2018/11/12	00:29:28	2.66	-75.44	7.0	1.7	Hobo - Huila
643	2018/11/12	00:29:36	6.84	-73.14	147.0	2.4	Los Santos - Santander
644	2018/11/12	02:15:57	2.82	-78.18	-0.0	1.4	Océano Pacífico
645	2018/11/12	02:29:14	4.0	-71.63	0.0	1.9	Puerto Gaitán - Meta
646	2018/11/12	02:38:12	5.28	-73.79	146.0	1.6	Ubaté - Cundinamarca
647	2018/11/12	02:45:19	5.25	-73.71	148.0	2.0	Lenguazaque - Cundinamarca
648	2018/11/12	03:23:13	6.81	-73.18	149.0	1.7	Los Santos - Santander
649	2018/11/12	04:03:58	3.57	-74.38	3.0	1.8	Uribe - Meta
650	2018/11/12	04:07:16	7.51	-74.85	5.0	2.1	Zaragoza - Antioquia
651	2018/11/12	04:58:06	6.0	-72.64	3.0	1.7	Socotá - Boyacá
652	2018/11/12	05:04:04	7.17	-76.19	18.0	1.1	Ituango - Antioquia
653	2018/11/12	05:12:26	6.83	-73.2	140.0	1.4	Zapatoca - Santander
654	2018/11/12	05:19:02	3.76	-77.06	19.0	1.9	Buenaventura - Valle del Cauca
655	2018/11/12	05:51:20	2.0	-75.92	-1.0	2.5	Elías - Huila
656	2018/11/12	06:16:46	6.96	-76.76	20.0	3.6	Murindó - Antioquia
657	2018/11/12	06:53:43	6.82	-73.16	147.0	1.8	Los Santos - Santander
658	2018/11/12	07:29:52	4.66	-75.56	4.0	1.8	Salento - Quindío
659	2018/11/12	07:32:29	6.79	-73.12	146.0	1.7	Los Santos - Santander
660	2018/11/12	07:33:19	6.69	-73.16	142.0	1.8	Villanueva - Santander
661	2018/11/12	09:54:03	6.81	-73.12	142.0	1.9	Los Santos - Santander
662	2018/11/12	09:59:34	6.81	-73.19	144.0	1.9	Zapatoca - Santander
663	2018/11/12	10:12:06	6.83	-73.13	144.0	2.1	Los Santos - Santander
664	2018/11/12	11:37:57	10.77	-73.4	73.0	2.0	Valledupar - Cesar
665	2018/11/12	12:04:23	4.95	-75.49	5.0	1.2	Villamaria - Caldas
666	2018/11/12	12:18:21	6.82	-73.14	151.0	2.4	Los Santos - Santander
667	2018/11/12	12:58:05	6.3	-74.8	6.0	1.2	San Carlos - Antioquia
668	2018/11/12	13:34:52	6.81	-73.15	150.0	3.3	Los Santos - Santander
669	2018/11/12	14:11:16	5.47	-73.91	117.0	1.7	Buenavista - Boyacá
670	2018/11/12	14:35:43	3.77	-73.89	4.0	1.4	Cubarral - Meta
671	2018/11/12	15:02:44	6.82	-73.17	144.0	2.6	Los Santos - Santander
672	2018/11/12	15:23:47	6.83	-73.17	147.0	1.6	Los Santos - Santander
673	2018/11/12	15:34:15	6.81	-73.14	151.0	1.4	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
674	2018/11/12	15:48:00	4.63	-76.23	115.0	1.4	Versalles - Valle del Cauca
675	2018/11/12	16:29:18	5.24	-73.71	143.0	1.9	Cucunubá - Cundinamarca
676	2018/11/12	16:45:17	6.79	-73.16	145.0	1.5	Los Santos - Santander
677	2018/11/12	16:50:38	6.8	-73.12	140.0	1.9	Los Santos - Santander
678	2018/11/12	16:57:10	9.65	-73.46	-0.0	1.1	La Jagua de Ibirico - Cesar
679	2018/11/12	17:10:49	6.84	-73.18	144.0	2.1	Zapatoca - Santander
680	2018/11/12	17:57:00	6.8	-73.15	145.0	1.6	Los Santos - Santander
681	2018/11/12	18:05:24	6.79	-73.19	145.0	1.5	Los Santos - Santander
682	2018/11/12	18:08:27	6.81	-73.13	145.0	2.0	Los Santos - Santander
683	2018/11/12	18:45:16	6.79	-73.15	149.0	2.6	Los Santos - Santander
684	2018/11/12	18:50:30	6.97	-73.76	105.0	1.6	Barrancabermeja - Santander
685	2018/11/12	19:23:31	6.8	-73.18	144.0	1.5	Los Santos - Santander
686	2018/11/12	19:29:59	6.74	-73.17	148.0	1.7	Los Santos - Santander
687	2018/11/12	19:35:03	6.54	-73.58	106.0	1.3	Simacota - Santander
688	2018/11/12	19:51:15	5.08	-75.98	111.0	1.5	Santuario - Risaralda
689	2018/11/12	20:16:44	3.85	-73.66	-2.0	1.5	Castilla la Nueva - Meta
690	2018/11/12	21:34:41	6.78	-73.09	149.0	1.9	Los Santos - Santander
691	2018/11/12	21:57:02	7.22	-73.26	123.0	1.5	Lebrija - Santander
692	2018/11/12	22:46:05	5.83	-74.32	70.0	1.6	Puerto Boyacá - Boyacá
693	2018/11/12	23:13:09	3.75	-76.56	72.0	1.6	Restrepo - Valle del Cauca
694	2018/11/12	23:13:19	6.79	-73.13	153.0	3.2	Los Santos - Santander
695	2018/11/12	23:21:06	6.82	-73.19	148.0	1.5	Zapatoca - Santander
696	2018/11/12	23:31:03	6.77	-73.21	139.0	1.5	Villanueva - Santander
697	2018/11/12	23:37:21	6.78	-73.14	149.0	1.7	Los Santos - Santander
698	2018/11/13	00:03:49	6.76	-73.26	140.0	1.8	Zapatoca - Santander
699	2018/11/13	00:10:49	6.53	-77.58	1.0	2.2	Océano Pacifico
700	2018/11/13	00:14:57	6.8	-73.18	139.0	2.0	Los Santos - Santander
701	2018/11/13	00:27:48	3.89	-76.68	60.0	1.5	Calima (El Darién) - Valle del Cauca
702	2018/11/13	00:52:15	8.63	-73.84	66.0	1.7	Regidor - Bolívar
703	2018/11/13	01:00:46	6.83	-73.21	140.0	1.9	Zapatoca - Santander
704	2018/11/13	01:02:24	3.79	-76.52	145.0	1.7	Restrepo - Valle del Cauca
705	2018/11/13	01:02:47	5.17	-73.8	-2.0	1.3	Suesca - Cundinamarca
706	2018/11/13	01:07:49	6.79	-73.18	142.0	1.8	Los Santos - Santander
707	2018/11/13	01:12:39	6.89	-73.17	145.0	2.4	Girón - Santander
708	2018/11/13	01:15:11	7.01	-72.39	3.0	1.6	Chitagá - Norte de Santander
709	2018/11/13	01:23:50	6.52	-74.84	3.0	1.1	Maceo - Antioquia
710	2018/11/13	01:47:14	6.75	-73.15	132.0	1.8	Los Santos - Santander
711	2018/11/13	01:52:56	7.11	-73.36	110.0	1.6	Girón - Santander
712	2018/11/13	02:48:34	6.8	-73.15	143.0	1.9	Los Santos - Santander
713	2018/11/13	03:01:12	6.8	-73.16	143.0	1.9	Los Santos - Santander
714	2018/11/13	03:21:20	6.81	-73.16	141.0	1.9	Los Santos - Santander
715	2018/11/13	03:45:22	6.83	-73.15	133.0	1.9	Los Santos - Santander
716	2018/11/13	03:54:32	6.56	-73.56	110.0	1.7	El Carmen - Santander
717	2018/11/13	04:05:34	6.77	-73.22	144.0	1.9	Zapatoca - Santander
718	2018/11/13	04:09:03	6.77	-73.27	134.0	1.9	Zapatoca - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
719	2018/11/13	04:28:23	6.87	-76.8	21.0	1.8	Carmen del Darién (Curbaradó) - Chocó
720	2018/11/13	04:54:54	7.14	-73.36	111.0	1.8	Lebrija - Santander
721	2018/11/13	04:59:20	4.66	-75.58	4.0	1.1	Salento - Quindío
722	2018/11/13	05:01:11	8.34	-73.06	72.0	1.4	Hacarí - Norte de Santander
723	2018/11/13	05:46:05	6.85	-73.12	153.0	2.5	Los Santos - Santander
724	2018/11/13	06:34:45	6.77	-73.12	143.0	1.7	Los Santos - Santander
725	2018/11/13	06:38:20	6.86	-73.14	153.0	1.6	Los Santos - Santander
726	2018/11/13	06:52:55	6.75	-73.16	138.0	1.6	Los Santos - Santander
727	2018/11/13	07:57:49	6.8	-73.15	149.0	1.8	Los Santos - Santander
728	2018/11/13	08:05:54	6.8	-73.14	150.0	1.7	Los Santos - Santander
729	2018/11/13	08:42:58	3.21	-76.4	32.0	2.7	Guachene - Cauca
730	2018/11/13	08:46:24	3.34	-76.6	48.0	1.2	Cali - Valle del Cauca
731	2018/11/13	09:29:27	6.83	-73.16	142.0	1.8	Los Santos - Santander
732	2018/11/13	11:01:09	5.27	-73.74	148.0	2.0	Cucunubá - Cundinamarca
733	2018/11/13	11:17:12	6.87	-76.29	8.0	1.3	Dabeiba - Antioquia
734	2018/11/13	11:21:32	11.29	-74.28	7.0	1.8	Mar Caribe
735	2018/11/13	13:02:38	6.83	-73.16	145.0	2.1	Los Santos - Santander
736	2018/11/13	13:07:09	11.15	-72.35	5.0	1.9	Near North Coast of Colombia
737	2018/11/13	13:11:38	10.11	-73.91	72.0	1.7	El Copey - Cesar
738	2018/11/13	14:15:29	6.82	-73.2	139.0	1.4	Zapatoca - Santander
739	2018/11/13	15:33:59	5.69	-73.99	111.0	2.1	Pauna - Boyacá
740	2018/11/13	16:21:42	6.81	-73.16	145.0	2.0	Los Santos - Santander
741	2018/11/13	16:25:26	6.79	-73.17	138.0	1.3	Los Santos - Santander
742	2018/11/13	16:40:23	2.28	-75.67	4.0	1.4	Agrado - Huila
743	2018/11/13	16:45:22	6.8	-73.18	145.0	1.5	Los Santos - Santander
744	2018/11/13	17:02:02	6.82	-73.18	143.0	1.5	Los Santos - Santander
745	2018/11/13	17:27:06	11.21	-72.45	69.0	1.9	Albania - la Guajira
746	2018/11/13	17:46:40	6.82	-73.15	142.0	2.5	Los Santos - Santander
747	2018/11/13	19:46:13	6.43	-73.45	15.0	1.2	Chima - Santander
748	2018/11/13	21:10:19	6.82	-73.17	145.0	1.7	Los Santos - Santander
749	2018/11/13	21:11:25	4.49	-75.4	3.0	2.1	Volcán Cerro Machín
750	2018/11/13	21:25:48	6.82	-73.16	148.0	1.9	Los Santos - Santander
751	2018/11/13	22:06:36	3.35	-76.2	21.0	1.2	Florida - Valle del Cauca
752	2018/11/13	22:22:17	5.85	-73.09	-1.0	1.5	Duitama - Boyacá
753	2018/11/13	22:28:05	6.56	-72.72	4.0	1.2	Capitanejo - Santander
754	2018/11/13	22:33:28	4.64	-76.02	101.0	1.3	Obando - Valle del Cauca
755	2018/11/13	22:59:37	6.8	-73.14	149.0	2.4	Los Santos - Santander
756	2018/11/13	23:15:26	6.8	-73.18	144.0	1.4	Los Santos - Santander
757	2018/11/13	23:52:25	6.82	-73.14	144.0	2.3	Los Santos - Santander
758	2018/11/14	01:18:12	6.58	-74.13	37.0	1.2	Cimitarra - Santander
759	2018/11/14	01:24:51	6.81	-73.18	142.0	1.9	Los Santos - Santander
760	2018/11/14	01:39:39	6.9	-73.24	154.0	1.9	Betulia - Santander
761	2018/11/14	01:51:16	4.81	-74.67	14.0	1.4	San Juan de Rioseco - Cundinamarca
762	2018/11/14	02:03:17	6.84	-73.32	125.0	1.4	Zapatoca - Santander
763	2018/11/14	02:27:54	10.69	-74.89	5.0	1.7	Sabanalarga - Atlántico

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
764	2018/11/14	02:39:21	6.79	-73.17	138.0	1.5	Los Santos - Santander
765	2018/11/14	04:07:30	6.8	-73.11	147.0	2.5	Los Santos - Santander
766	2018/11/14	04:32:29	6.77	-73.18	146.0	1.7	Los Santos - Santander
767	2018/11/14	04:39:15	1.98	-75.93	3.0	1.2	Timaná - Huila
768	2018/11/14	04:56:00	6.81	-73.11	143.0	1.7	Los Santos - Santander
769	2018/11/14	05:02:46	1.05	-77.21	6.0	1.3	Pasto - Nariño
770	2018/11/14	05:03:54	3.84	-75.57	15.0	1.1	Chaparral - Tolima
771	2018/11/14	05:11:22	6.75	-73.19	142.0	1.6	Villanueva - Santander
772	2018/11/14	05:31:06	6.89	-76.16	-0.0	1.2	Uramita - Antioquia
773	2018/11/14	05:49:14	6.99	-74.07	4.0	1.0	Yondó (Casabe) - Antioquia
774	2018/11/14	06:07:20	4.67	-74.53	36.0	1.1	La Mesa - Cundinamarca
775	2018/11/14	06:10:31	6.79	-73.16	147.0	1.9	Los Santos - Santander
776	2018/11/14	06:17:26	8.22	-74.56	28.0	1.3	Montecristo - Bolívar
777	2018/11/14	06:20:13	7.44	-75.31	14.0	1.2	Taráz - Antioquia
778	2018/11/14	06:27:00	5.28	-73.74	148.0	3.3	Lenguazaque - Cundinamarca
779	2018/11/14	06:37:57	6.59	-74.32	19.0	1.7	Cimitarra - Santander
780	2018/11/14	06:56:48	6.8	-73.15	147.0	2.2	Los Santos - Santander
781	2018/11/14	07:01:41	6.72	-73.23	140.0	1.6	Barichara - Santander
782	2018/11/14	07:10:46	6.07	-73.7	114.0	1.4	Vélez - Santander
783	2018/11/14	07:36:53	2.46	-75.33	19.0	1.2	Algeciras - Huila
784	2018/11/14	07:37:23	10.91	-73.06	78.0	1.8	San Juan del Cesar - la Guajira
785	2018/11/14	07:55:03	6.78	-73.12	138.0	1.9	Los Santos - Santander
786	2018/11/14	08:11:18	6.72	-73.21	138.0	1.5	Barichara - Santander
787	2018/11/14	08:17:52	6.84	-73.16	146.0	2.4	Los Santos - Santander
788	2018/11/14	08:52:15	6.78	-73.15	145.0	1.9	Los Santos - Santander
789	2018/11/14	09:31:12	6.86	-73.18	150.0	1.9	Zapatoca - Santander
790	2018/11/14	10:22:37	6.77	-73.2	147.0	1.7	Zapatoca - Santander
791	2018/11/14	11:00:03	3.15	-74.53	27.0	1.0	Uribe - Meta
792	2018/11/14	11:53:53	6.82	-73.16	143.0	1.4	Los Santos - Santander
793	2018/11/14	12:20:13	6.78	-73.18	145.0	1.5	Los Santos - Santander
794	2018/11/14	12:28:14	6.82	-73.16	147.0	2.1	Los Santos - Santander
795	2018/11/14	12:33:11	3.93	-75.61	4.0	1.5	San Antonio - Tolima
796	2018/11/14	13:20:51	6.86	-73.16	147.0	2.1	Los Santos - Santander
797	2018/11/14	14:34:25	6.75	-73.13	144.0	1.4	Los Santos - Santander
798	2018/11/14	14:48:04	6.81	-73.18	145.0	1.5	Los Santos - Santander
799	2018/11/14	15:08:55	6.83	-73.14	146.0	2.0	Los Santos - Santander
800	2018/11/14	15:41:54	6.78	-73.19	145.0	1.6	Los Santos - Santander
801	2018/11/14	16:00:11	6.82	-73.15	144.0	2.2	Los Santos - Santander
802	2018/11/14	16:16:02	6.77	-73.15	146.0	1.7	Los Santos - Santander
803	2018/11/14	17:51:08	4.74	-76.06	29.0	1.4	Ansermanuevo - Valle del Cauca
804	2018/11/14	18:20:12	3.84	-73.65	-1.0	1.7	Castilla la Nueva - Meta
805	2018/11/14	18:49:33	3.48	-74.21	3.0	1.5	Mesetas - Meta
806	2018/11/14	20:11:02	8.84	-73.04	122.0	2.1	El Tarra - Norte de Santander
807	2018/11/14	20:23:14	4.78	-74.72	23.0	1.4	Beltrán - Cundinamarca
808	2018/11/14	21:18:00	6.79	-73.18	149.0	1.5	Los Santos - Santander
809	2018/11/14	21:22:43	6.86	-73.31	123.0	1.8	Zapatoca - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
810	2018/11/14	21:32:23	6.78	-73.17	140.0	1.9	Los Santos - Santander
811	2018/11/14	22:38:49	6.14	-73.72	104.0	1.8	Vélez - Santander
812	2018/11/14	22:43:48	3.3	-74.31	65.0	1.2	Uribe - Meta
813	2018/11/14	22:49:48	10.45	-72.96	108.0	1.7	Urumita - la Guajira
814	2018/11/14	23:55:25	6.8	-73.22	146.0	1.6	Zapatoca - Santander
815	2018/11/15	00:10:25	6.82	-73.16	146.0	2.6	Los Santos - Santander
816	2018/11/15	00:46:39	6.78	-73.14	141.0	2.2	Los Santos - Santander
817	2018/11/15	01:00:53	6.2	-72.78	53.0	1.5	Susacón - Boyacá
818	2018/11/15	01:06:24	3.91	-76.9	26.0	1.1	Buenaventura - Valle del Cauca
819	2018/11/15	01:08:34	9.46	-73.65	138.0	1.7	Chiriguaná - Cesar
820	2018/11/15	01:28:13	6.8	-73.14	149.0	3.1	Los Santos - Santander
821	2018/11/15	01:34:22	7.73	-74.21	4.0	2.0	Santa Rosa del Sur - Bolívar
822	2018/11/15	02:33:00	6.78	-73.12	143.0	3.0	Los Santos - Santander
823	2018/11/15	02:51:22	6.82	-73.12	149.0	3.9	Los Santos - Santander
824	2018/11/15	02:55:35	6.8	-73.15	145.0	2.1	Los Santos - Santander
825	2018/11/15	02:56:16	6.82	-73.13	144.0	2.2	Los Santos - Santander
826	2018/11/15	03:02:12	5.7	-74.03	100.0	1.5	Pauna - Boyacá
827	2018/11/15	03:05:25	2.18	-75.56	5.0	1.6	Garzón - Huila
828	2018/11/15	03:13:22	2.14	-75.61	19.0	0.9	Garzón - Huila
829	2018/11/15	03:40:00	6.8	-73.22	142.0	1.6	Zapatoca - Santander
830	2018/11/15	03:42:10	6.78	-73.1	140.0	1.9	Los Santos - Santander
831	2018/11/15	04:08:10	6.79	-73.2	141.0	1.6	Los Santos - Santander
832	2018/11/15	05:36:59	3.94	-76.19	115.0	1.7	San Pedro - Valle del Cauca
833	2018/11/15	05:41:41	6.82	-73.16	150.0	1.9	Los Santos - Santander
834	2018/11/15	05:42:53	7.15	-76.12	-0.0	1.9	Ituango - Antioquia
835	2018/11/15	06:11:48	6.82	-73.15	140.0	1.9	Los Santos - Santander
836	2018/11/15	06:26:43	3.3	-76.46	73.0	1.5	Puerto Tejada - Cauca
837	2018/11/15	07:28:56	6.85	-73.2	137.0	1.8	Zapatoca - Santander
838	2018/11/15	07:58:52	6.81	-73.2	149.0	1.7	Zapatoca - Santander
839	2018/11/15	09:26:12	6.8	-73.14	150.0	1.7	Los Santos - Santander
840	2018/11/15	09:46:18	5.8	-74.36	22.0	1.5	Yacopí - Cundinamarca
841	2018/11/15	10:05:54	1.51	-78.18	68.0	2.1	Barbacoas - Nariño
842	2018/11/15	10:20:44	6.82	-73.18	144.0	1.8	Zapatoca - Santander
843	2018/11/15	10:39:40	3.94	-73.72	5.0	0.3	Acacías - Meta
844	2018/11/15	11:08:13	6.82	-73.19	146.0	1.5	Zapatoca - Santander
845	2018/11/15	11:12:35	6.81	-73.13	143.0	1.9	Los Santos - Santander
846	2018/11/15	11:34:33	6.83	-73.17	151.0	2.0	Los Santos - Santander
847	2018/11/15	11:56:49	6.84	-73.34	129.0	2.2	Zapatoca - Santander
848	2018/11/15	11:58:00	6.81	-73.16	146.0	2.6	Los Santos - Santander
849	2018/11/15	12:12:57	8.8	-73.6	24.0	1.7	Pelaya - Cesar
850	2018/11/15	12:35:14	6.81	-73.16	151.0	1.9	Los Santos - Santander
851	2018/11/15	12:42:15	6.91	-76.22	-0.0	2.0	Uramita - Antioquia
852	2018/11/15	13:19:12	6.24	-77.71	14.0	3.9	Océano Pacífico
853	2018/11/15	13:24:22	6.22	-77.61	17.0	2.3	Océano Pacífico
854	2018/11/15	13:26:00	4.12	-77.19	54.0	1.4	Buenaventura - Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
855	2018/11/15	13:50:36	6.19	-77.6	16.0	2.4	Océano Pacífico
856	2018/11/15	13:55:17	6.86	-73.16	138.0	1.7	Los Santos - Santander
857	2018/11/15	14:02:08	7.36	-73.17	130.0	1.4	Rionegro - Santander
858	2018/11/15	14:06:40	10.48	-73.44	54.0	1.6	Valledupar - Cesar
859	2018/11/15	15:12:01	6.83	-73.14	142.0	2.3	Los Santos - Santander
860	2018/11/15	15:14:28	6.37	-77.39	3.0	2.3	Bahía Solano (Mutis) - Chocó
861	2018/11/15	15:30:36	6.79	-73.16	146.0	2.2	Los Santos - Santander
862	2018/11/15	15:57:16	5.7	-74.7	-1.0	0.8	La Dorada - Caldas
863	2018/11/15	16:15:55	5.73	-73.97	107.0	1.5	Tununguá - Boyacá
864	2018/11/15	17:11:25	6.8	-73.16	144.0	2.0	Los Santos - Santander
865	2018/11/15	17:15:08	6.81	-73.12	142.0	1.8	Los Santos - Santander
866	2018/11/15	17:59:46	11.22	-72.61	0.0	1.7	Albania - la Guajira
867	2018/11/15	18:13:59	4.42	-76.18	125.0	1.9	Roldanillo - Valle del Cauca
868	2018/11/15	18:39:39	6.13	-72.42	3.0	1.5	Chita - Boyacá
869	2018/11/15	18:54:00	11.33	-72.92	6.0	1.8	Riohacha - la Guajira
870	2018/11/15	18:58:24	6.79	-73.16	149.0	2.2	Los Santos - Santander
871	2018/11/15	19:44:04	5.47	-74.78	21.0	1.5	Victoria - Caldas
872	2018/11/15	20:03:39	7.1	-76.16	-0.0	1.3	Dabeiba - Antioquia
873	2018/11/15	20:28:52	6.82	-73.17	150.0	3.9	Los Santos - Santander
874	2018/11/15	21:08:40	6.82	-73.15	151.0	2.5	Los Santos - Santander
875	2018/11/15	22:03:50	6.95	-76.21	9.0	1.5	Uramita - Antioquia
876	2018/11/15	22:10:10	6.8	-73.18	143.0	1.7	Los Santos - Santander
877	2018/11/15	22:26:59	2.38	-75.37	2.0	1.5	Algeciras - Huila
878	2018/11/15	22:28:03	5.6	-75.49	4.0	1.5	Aguadas - Caldas
879	2018/11/15	22:43:58	11.17	-72.8	1.0	1.5	Riohacha - la Guajira
880	2018/11/15	22:57:24	7.66	-77.51	32.0	1.9	Panama-Colombia Border Region
881	2018/11/15	23:13:21	6.81	-73.39	119.0	2.3	San Vicente de Chucurí - Santander
882	2018/11/15	23:16:59	6.83	-73.25	114.0	1.4	Zapatoca - Santander
883	2018/11/15	23:21:33	6.78	-73.16	148.0	2.1	Los Santos - Santander
884	2018/11/16	00:00:26	6.83	-73.21	133.0	2.0	Zapatoca - Santander
885	2018/11/16	00:13:32	4.61	-74.94	4.0	1.4	Alvarado - Tolima
886	2018/11/16	00:34:02	6.79	-73.15	140.0	1.7	Los Santos - Santander
887	2018/11/16	00:42:37	4.75	-76.19	90.0	1.5	El Cairo - Valle del Cauca
888	2018/11/16	01:52:24	5.22	-72.94	1.0	1.2	Aquitania - Boyacá
889	2018/11/16	02:55:39	7.2	-76.28	9.0	1.5	Mutató - Antioquia
890	2018/11/16	03:06:33	7.12	-73.03	57.0	1.8	Floridablanca - Santander
891	2018/11/16	03:35:53	6.84	-73.17	143.0	1.7	Zapatoca - Santander
892	2018/11/16	03:48:41	6.78	-73.15	138.0	2.0	Los Santos - Santander
893	2018/11/16	04:02:05	3.3	-74.38	4.0	1.3	Uribe - Meta
894	2018/11/16	04:12:00	2.02	-75.17	3.0	1.4	Puerto Rico - Caquetá
895	2018/11/16	04:59:44	6.81	-73.13	146.0	1.9	Los Santos - Santander
896	2018/11/16	05:05:57	9.71	-73.44	100.0	1.7	Becerrill - Cesar
897	2018/11/16	05:07:08	7.06	-75.32	8.0	2.6	Yarumal - Antioquia
898	2018/11/16	05:27:45	6.87	-72.01	5.0	1.5	Saravena - Arauca
899	2018/11/16	05:32:50	3.05	-75.96	-1.0	1.2	Planadas - Tolima

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
900	2018/11/16	06:26:45	6.8	-73.15	144.0	2.0	Los Santos - Santander
901	2018/11/16	06:35:19	5.82	-73.87	114.0	1.2	Jesús María - Santander
902	2018/11/16	06:37:04	11.47	-73.95	18.0	1.8	Mar Caribe
903	2018/11/16	07:06:55	6.82	-73.13	145.0	2.1	Los Santos - Santander
904	2018/11/16	07:11:26	6.81	-73.15	150.0	1.8	Los Santos - Santander
905	2018/11/16	07:31:36	7.01	-72.15	0.0	2.3	Cubará - Boyacá
906	2018/11/16	08:15:53	9.51	-75.26	5.0	1.6	Ovejas - Sucre
907	2018/11/16	08:38:09	3.27	-76.43	35.0	1.4	Puerto Tejada - Cauca
908	2018/11/16	10:00:00	6.01	-75.78	15.0	0.9	Titiribí - Antioquia
909	2018/11/16	10:21:51	2.86	-72.74	1.0	2.1	Puerto Concordia - Meta
910	2018/11/16	10:37:40	6.12	-73.91	97.0	1.8	El Peñón - Santander
911	2018/11/16	12:51:09	7.08	-77.23	75.0	2.5	Carmen del Darién (Curbaradó) - Chocó
912	2018/11/16	14:28:56	6.78	-73.19	155.0	1.4	Los Santos - Santander
913	2018/11/16	14:57:37	5.41	-76.79	12.0	1.9	El Cantón del San Pablo (Managrú) - Chocó
914	2018/11/16	15:09:14	6.84	-73.16	148.0	1.8	Los Santos - Santander
915	2018/11/16	15:10:22	1.93	-75.88	2.0	1.7	Suaza - Huila
916	2018/11/16	15:13:00	6.79	-73.18	142.0	1.7	Los Santos - Santander
917	2018/11/16	15:57:50	2.5	-75.52	11.0	1.3	Gigante - Huila
918	2018/11/16	16:08:50	6.84	-73.15	147.0	2.3	Los Santos - Santander
919	2018/11/16	19:42:34	6.81	-73.17	142.0	2.1	Los Santos - Santander
920	2018/11/16	20:01:44	6.87	-73.32	121.0	2.5	Zapatoca - Santander
921	2018/11/16	20:33:42	6.62	-73.4	115.0	1.9	Hato - Santander
922	2018/11/16	21:30:50	11.1	-72.77	25.0	2.1	Hato Nuevo - la Guajira
923	2018/11/16	21:55:27	6.81	-73.17	140.0	1.6	Los Santos - Santander
924	2018/11/16	22:12:33	6.82	-73.17	144.0	1.9	Los Santos - Santander
925	2018/11/16	22:39:25	11.25	-72.9	10.0	1.4	Riohacha - la Guajira
926	2018/11/16	23:09:03	6.8	-73.15	137.0	1.4	Los Santos - Santander
927	2018/11/16	23:50:12	6.81	-73.18	146.0	1.9	Los Santos - Santander
928	2018/11/17	00:25:14	4.02	-76.17	112.0	1.9	Tuluá - Valle del Cauca
929	2018/11/17	01:10:47	6.78	-73.11	148.0	1.9	Los Santos - Santander
930	2018/11/17	01:22:51	5.28	-74.6	29.0	1.0	Caparrapí - Cundinamarca
931	2018/11/17	01:48:21	6.77	-73.17	139.0	1.8	Los Santos - Santander
932	2018/11/17	02:21:55	2.97	-76.32	15.0	0.9	Jambaló - Cauca
933	2018/11/17	02:24:39	6.95	-77.12	32.0	2.0	Carmen del Darién (Curbaradó) - Chocó
934	2018/11/17	02:51:28	6.18	-77.65	9.0	2.2	Océano Pacífico
935	2018/11/17	02:53:21	6.82	-73.17	145.0	1.6	Los Santos - Santander
936	2018/11/17	03:52:46	6.82	-73.18	147.0	1.8	Los Santos - Santander
937	2018/11/17	04:09:29	6.85	-73.19	139.0	1.7	Zapatoca - Santander
938	2018/11/17	05:15:48	6.8	-73.15	142.0	2.1	Los Santos - Santander
939	2018/11/17	05:56:30	6.85	-73.09	147.0	1.8	Los Santos - Santander
940	2018/11/17	06:00:49	6.8	-73.17	146.0	1.8	Los Santos - Santander
941	2018/11/17	06:01:34	6.83	-73.14	144.0	2.0	Los Santos - Santander
942	2018/11/17	06:30:38	7.8	-75.22	19.0	1.4	Cáceres - Antioquia
943	2018/11/17	06:32:44	6.8	-73.16	144.0	2.3	Los Santos - Santander
944	2018/11/17	06:58:59	6.81	-73.13	141.0	2.0	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
945	2018/11/17	07:41:52	6.8	-73.14	150.0	1.9	Los Santos - Santander
946	2018/11/17	08:16:37	6.82	-73.15	150.0	1.9	Los Santos - Santander
947	2018/11/17	08:38:53	6.87	-75.43	20.0	1.1	Angostura - Antioquia
948	2018/11/17	08:56:40	6.98	-76.75	5.0	4.1	Murindó - Antioquia
949	2018/11/17	10:03:42	6.82	-73.16	150.0	2.0	Los Santos - Santander
950	2018/11/17	10:25:12	6.34	-76.61	27.0	1.8	Vigia del Fuerte - Antioquia
951	2018/11/17	10:33:38	6.83	-73.18	149.0	2.4	Los Santos - Santander
952	2018/11/17	10:48:58	6.78	-73.14	146.0	1.8	Los Santos - Santander
953	2018/11/17	11:45:15	3.04	-74.66	30.0	1.5	Uribe - Meta
954	2018/11/17	13:29:36	6.74	-73.11	142.0	2.1	Los Santos - Santander
955	2018/11/17	14:19:16	7.09	-75.28	12.0	2.0	Campamento - Antioquia
956	2018/11/17	15:14:57	6.78	-73.11	146.0	2.6	Los Santos - Santander
957	2018/11/17	15:28:58	6.82	-73.17	148.0	2.1	Los Santos - Santander
958	2018/11/17	15:31:49	6.78	-73.53	107.0	1.4	El Carmen - Santander
959	2018/11/17	15:41:50	7.01	-76.15	-0.0	2.0	Dabeiba - Antioquia
960	2018/11/17	17:19:48	6.81	-73.15	149.0	2.5	Los Santos - Santander
961	2018/11/17	17:41:40	8.69	-73.65	90.0	1.9	Pelaya - Cesar
962	2018/11/17	18:02:32	6.85	-73.17	139.0	1.6	Los Santos - Santander
963	2018/11/17	18:04:53	5.25	-73.72	144.0	2.4	Lenguazaque - Cundinamarca
964	2018/11/17	18:22:43	6.84	-73.14	143.0	2.2	Los Santos - Santander
965	2018/11/17	18:35:33	6.06	-73.67	120.0	1.9	Chipatá - Santander
966	2018/11/17	19:29:10	7.35	-74.12	68.0	1.4	San Pablo - Bolívar
967	2018/11/17	19:36:44	6.88	-76.83	14.0	2.0	Carmen del Darién (Curbaradó) - Chocó
968	2018/11/17	21:00:35	6.79	-73.15	143.0	1.7	Los Santos - Santander
969	2018/11/17	21:18:34	4.33	-75.52	4.0	1.1	Cajamarca - Tolima
970	2018/11/17	21:58:38	6.56	-73.52	109.0	1.9	El Carmen - Santander
971	2018/11/17	22:09:03	7.97	-73.93	24.0	1.3	Simití - Bolívar
972	2018/11/17	22:39:05	5.77	-74.81	5.0	1.1	Sonsón - Antioquia
973	2018/11/17	23:19:12	6.78	-73.21	150.0	1.7	Zapatoca - Santander
974	2018/11/17	23:20:43	7.01	-73.52	99.0	1.6	San Vicente de Chucurí - Santander
975	2018/11/17	23:48:21	6.82	-73.16	149.0	2.8	Los Santos - Santander
976	2018/11/18	00:43:11	6.82	-73.15	148.0	2.7	Los Santos - Santander
977	2018/11/18	01:06:06	6.81	-73.19	153.0	1.5	Zapatoca - Santander
978	2018/11/18	01:28:37	6.98	-76.74	12.0	2.5	Murindó - Antioquia
979	2018/11/18	01:57:57	4.79	-76.2	109.0	1.4	El Cairo - Valle del Cauca
980	2018/11/18	02:01:54	6.31	-73.64	113.0	1.4	Santa Helena del Opón - Santander
981	2018/11/18	02:19:19	6.78	-73.13	150.0	1.9	Los Santos - Santander
982	2018/11/18	02:50:21	6.81	-73.19	138.0	1.4	Zapatoca - Santander
983	2018/11/18	03:13:57	6.88	-73.22	146.0	1.6	Zapatoca - Santander
984	2018/11/18	03:21:23	6.81	-73.15	153.0	2.8	Los Santos - Santander
985	2018/11/18	03:50:41	6.7	-73.19	152.0	1.7	Barichara - Santander
986	2018/11/18	04:44:34	6.82	-76.28	-0.0	1.2	Dabeiba - Antioquia
987	2018/11/18	04:45:42	6.8	-72.64	135.0	1.9	Concepción - Santander
988	2018/11/18	05:17:47	6.8	-76.21	0.0	1.4	Frontino - Antioquia
989	2018/11/18	05:42:02	6.79	-76.27	-0.0	1.3	Frontino - Antioquia
990	2018/11/18	05:43:01	4.03	-76.26	119.0	1.6	San Pedro - Valle del Cauca

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
991	2018/11/18	07:04:25	6.8	-73.12	137.0	1.4	Los Santos - Santander
992	2018/11/18	07:19:06	10.24	-72.99	118.0	2.4	La Paz - Cesar
993	2018/11/18	07:31:54	5.81	-74.56	10.0	1.0	Puerto Boyacá - Boyacá
994	2018/11/18	07:51:10	5.01	-75.1	18.0	1.3	Villahermosa - Tolima
995	2018/11/18	09:10:55	6.8	-73.13	148.0	1.9	Los Santos - Santander
996	2018/11/18	09:18:39	6.76	-73.18	143.0	1.7	Los Santos - Santander
997	2018/11/18	09:51:05	4.81	-76.21	108.0	1.5	El Cairo - Valle del Cauca
998	2018/11/18	09:58:12	5.54	-72.9	4.0	1.3	Aquitanía - Boyacá
999	2018/11/18	09:58:50	7.15	-77.08	38.0	2.0	Carmen del Darién (Curbaradó) - Chocó
1000	2018/11/18	10:02:15	3.89	-76.68	23.0	2.3	Calima (El Darién) - Valle del Cauca
1001	2018/11/18	10:39:34	4.54	-75.78	138.0	1.5	Montenegro - Quindío
1002	2018/11/18	11:39:11	6.85	-73.15	145.0	1.7	Los Santos - Santander
1003	2018/11/18	11:50:46	7.37	-73.46	112.0	1.8	Sabana de Torres - Santander
1004	2018/11/18	13:42:15	5.68	-73.9	114.0	2.1	Briceno - Boyacá
1005	2018/11/18	14:16:37	6.83	-72.12	-2.0	2.6	Cubará - Boyacá
1006	2018/11/18	14:24:51	6.83	-73.16	146.0	2.1	Los Santos - Santander
1007	2018/11/18	15:18:41	3.96	-76.98	71.0	1.4	Buenaventura - Valle del Cauca
1008	2018/11/18	15:36:01	6.83	-76.26	0.0	1.4	Frontino - Antioquia
1009	2018/11/18	16:13:16	11.13	-72.44	66.0	1.7	Maicao - la Guajira
1010	2018/11/18	17:42:58	5.91	-74.57	14.0	1.5	Puerto Boyacá - Boyacá
1011	2018/11/18	18:02:43	0.92	-77.06	12.0	1.7	Orito - Putumayo
1012	2018/11/18	18:26:56	6.83	-73.16	150.0	2.3	Los Santos - Santander
1013	2018/11/18	19:22:08	4.52	-76.24	5.0	1.2	El Dovio - Valle del Cauca
1014	2018/11/18	20:43:29	8.39	-74.2	9.0	1.9	Norosi - Bolívar
1015	2018/11/18	21:42:15	6.81	-73.2	149.0	1.7	Zapatoca - Santander
1016	2018/11/18	22:12:27	6.8	-73.17	150.0	1.5	Los Santos - Santander
1017	2018/11/18	22:17:50	8.29	-73.53	99.0	1.6	Aguachica - Cesar
1018	2018/11/18	22:42:02	11.26	-72.95	-1.0	1.6	Riohacha - la Guajira
1019	2018/11/18	23:10:56	6.81	-73.16	146.0	2.1	Los Santos - Santander
1020	2018/11/18	23:21:08	2.59	-79.51	0.0	1.8	Océano Pacífico
1021	2018/11/18	23:21:14	6.69	-73.07	97.0	1.6	Aratoca - Santander
1022	2018/11/18	23:25:23	6.85	-72.92	129.0	1.7	Santa Bárbara - Santander
1023	2018/11/18	23:31:51	6.62	-73.73	92.0	2.7	El Carmen - Santander
1024	2018/11/18	23:32:31	2.7	-76.72	127.0	1.5	Cajibío - Cauca
1025	2018/11/18	23:39:25	6.81	-73.13	144.0	2.4	Los Santos - Santander
1026	2018/11/18	23:44:03	5.38	-72.74	3.0	1.4	Pajarito - Boyacá
1027	2018/11/19	00:05:13	6.82	-73.2	144.0	1.8	Zapatoca - Santander
1028	2018/11/19	00:09:37	11.04	-73.56	23.0	1.8	Dibulla - la Guajira
1029	2018/11/19	00:28:37	6.84	-73.18	147.0	1.9	Zapatoca - Santander
1030	2018/11/19	00:28:38	4.15	-73.64	-0.0	1.3	Villavicencio - Meta
1031	2018/11/19	01:39:30	6.42	-76.79	4.0	1.8	Vigia del Fuerte - Antioquia
1032	2018/11/19	01:43:48	6.83	-73.15	146.0	2.2	Los Santos - Santander
1033	2018/11/19	02:03:00	6.77	-73.18	131.0	1.9	Los Santos - Santander
1034	2018/11/19	02:13:23	5.42	-73.78	135.0	3.1	Fúquene - Cundinamarca
1035	2018/11/19	02:46:46	6.8	-73.09	152.0	1.8	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1036	2018/11/19	02:47:17	6.83	-73.23	139.0	1.7	Zapatoca - Santander
1037	2018/11/19	03:19:17	7.84	-74.0	77.0	1.2	Simití - Bolívar
1038	2018/11/19	03:26:16	6.66	-77.66	17.0	2.8	Océano Pacífico
1039	2018/11/19	03:45:33	1.91	-76.02	23.0	1.0	Pitalito - Huila
1040	2018/11/19	04:10:19	6.75	-73.17	138.0	1.7	Los Santos - Santander
1041	2018/11/19	04:19:58	6.79	-73.13	140.0	2.3	Los Santos - Santander
1042	2018/11/19	04:28:43	5.63	-76.41	6.0	2.3	Lloró - Chocó
1043	2018/11/19	04:54:05	6.78	-73.2	151.0	1.8	Los Santos - Santander
1044	2018/11/19	05:29:56	6.81	-73.15	144.0	1.8	Los Santos - Santander
1045	2018/11/19	06:07:31	6.76	-73.72	20.0	0.9	San Vicente de Chucurí - Santander
1046	2018/11/19	07:27:06	6.82	-73.17	147.0	1.8	Los Santos - Santander
1047	2018/11/19	07:30:00	6.58	-73.59	112.0	1.6	El Carmen - Santander
1048	2018/11/19	07:33:21	7.36	-75.1	8.0	1.7	Anorí - Antioquia
1049	2018/11/19	08:02:11	6.75	-73.2	142.0	1.7	Villanueva - Santander
1050	2018/11/19	08:08:39	6.8	-73.15	142.0	1.8	Los Santos - Santander
1051	2018/11/19	08:22:38	6.66	-73.53	112.0	1.8	El Carmen - Santander
1052	2018/11/19	08:32:47	6.8	-73.12	141.0	2.1	Los Santos - Santander
1053	2018/11/19	09:05:10	6.77	-73.2	157.0	2.0	Los Santos - Santander
1054	2018/11/19	09:19:51	6.78	-73.16	139.0	1.7	Los Santos - Santander
1055	2018/11/19	09:52:05	6.81	-73.16	143.0	1.7	Los Santos - Santander
1056	2018/11/19	10:18:20	6.71	-73.69	94.0	1.8	El Carmen - Santander
1057	2018/11/19	10:26:01	6.83	-73.11	146.0	2.1	Los Santos - Santander
1058	2018/11/19	10:34:06	6.81	-73.17	133.0	1.5	Los Santos - Santander
1059	2018/11/19	11:40:52	1.9	-76.01	-1.0	1.9	Pitalito - Huila
1060	2018/11/19	11:49:35	1.91	-75.99	-1.0	1.8	Timaná - Huila
1061	2018/11/19	12:20:35	6.13	-77.69	9.0	2.5	Océano Pacífico
1062	2018/11/19	14:16:45	5.26	-73.73	151.0	1.6	Lenguazaque - Cundinamarca
1063	2018/11/19	14:49:18	6.76	-73.13	143.0	1.7	Los Santos - Santander
1064	2018/11/19	15:27:08	6.86	-73.13	148.0	2.0	Los Santos - Santander
1065	2018/11/19	15:48:35	6.88	-73.07	131.0	1.7	Los Santos - Santander
1066	2018/11/19	15:56:50	6.82	-76.2	-0.0	1.4	Frontino - Antioquia
1067	2018/11/19	16:14:08	6.92	-72.7	131.0	1.8	Cerrito - Santander
1068	2018/11/19	16:29:44	6.82	-73.16	145.0	2.2	Los Santos - Santander
1069	2018/11/19	16:47:11	4.15	-76.71	27.0	2.5	El Litoral del San Juan (Docordó) - Chocó
1070	2018/11/19	17:17:50	6.87	-73.43	135.0	1.6	San Vicente de Chucurí - Santander
1071	2018/11/19	17:25:17	2.37	-75.55	4.0	1.9	Gigante - Huila
1072	2018/11/19	17:27:01	6.86	-73.19	146.0	1.8	Zapatoca - Santander
1073	2018/11/19	17:52:22	8.65	-73.27	129.0	1.9	Convención - Norte de Santander
1074	2018/11/19	17:53:44	8.56	-73.36	111.0	1.8	Convención - Norte de Santander
1075	2018/11/19	18:09:06	6.82	-73.15	149.0	2.7	Los Santos - Santander
1076	2018/11/19	18:54:35	3.56	-79.02	10.0	1.6	Océano Pacífico
1077	2018/11/19	19:17:53	6.81	-73.16	145.0	2.0	Los Santos - Santander
1078	2018/11/19	19:19:16	5.14	-76.23	83.0	2.6	San José del Palmar - Chocó
1079	2018/11/19	19:40:00	3.77	-76.68	3.0	1.8	Dagua - Valle del Cauca
1080	2018/11/19	20:06:22	6.08	-75.84	30.0	1.7	Titiribí - Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1081	2018/11/19	20:22:46	4.75	-76.18	98.0	1.7	El Cairo - Valle del Cauca
1082	2018/11/19	20:31:18	6.8	-73.15	142.0	1.8	Los Santos - Santander
1083	2018/11/19	21:55:30	6.82	-73.2	141.0	1.7	Zapatoca - Santander
1084	2018/11/19	21:59:59	6.0	-72.53	3.0	1.5	Socotá - Boyacá
1085	2018/11/19	22:32:38	13.17	-81.23	15.0	2.5	Caribbean Sea
1086	2018/11/19	23:25:54	6.11	-73.81	109.0	1.4	El Peñón - Santander
1087	2018/11/19	23:39:02	6.77	-73.16	139.0	1.8	Los Santos - Santander
1088	2018/11/19	23:42:48	6.82	-73.15	139.0	1.6	Los Santos - Santander
1089	2018/11/19	23:46:54	4.44	-75.91	4.0	1.4	La Victoria - Valle del Cauca
1090	2018/11/20	00:26:25	6.79	-73.08	139.0	1.8	Los Santos - Santander
1091	2018/11/20	00:39:38	6.82	-73.18	148.0	1.7	Zapatoca - Santander
1092	2018/11/20	00:48:26	7.61	-77.65	0.0	2.2	Riosucio - Chocó
1093	2018/11/20	01:02:00	4.33	-76.15	110.0	1.4	Zarzal - Valle del Cauca
1094	2018/11/20	01:42:16	8.04	-73.07	146.0	1.9	Ábrego - Norte de Santander
1095	2018/11/20	01:43:38	6.85	-73.14	145.0	1.9	Los Santos - Santander
1096	2018/11/20	01:46:24	4.79	-76.14	99.0	1.8	El Cairo - Valle del Cauca
1097	2018/11/20	01:58:46	6.34	-73.59	113.0	1.9	Santa Helena del Opón - Santander
1098	2018/11/20	02:12:19	5.18	-76.17	99.0	1.5	Tadó - Chocó
1099	2018/11/20	02:39:57	6.78	-73.2	133.0	1.6	Zapatoca - Santander
1100	2018/11/20	02:56:57	1.99	-77.34	61.0	1.3	El Charco - Nariño
1101	2018/11/20	03:02:50	7.39	-73.16	133.0	1.8	Rionegro - Santander
1102	2018/11/20	03:07:09	5.02	-75.02	4.0	1.4	Falan - Tolima
1103	2018/11/20	03:07:57	6.76	-73.09	144.0	1.8	Los Santos - Santander
1104	2018/11/20	03:24:30	6.81	-73.13	144.0	2.3	Los Santos - Santander
1105	2018/11/20	03:42:42	6.8	-73.13	148.0	2.3	Los Santos - Santander
1106	2018/11/20	04:08:25	6.84	-73.07	139.0	1.7	Los Santos - Santander
1107	2018/11/20	04:16:04	6.88	-73.17	148.0	1.8	Los Santos - Santander
1108	2018/11/20	04:36:06	6.8	-73.14	140.0	2.0	Los Santos - Santander
1109	2018/11/20	04:57:49	6.82	-73.2	139.0	1.7	Zapatoca - Santander
1110	2018/11/20	05:31:00	1.26	-77.45	10.0	2.5	Volcán Galeras
1111	2018/11/20	07:09:52	4.49	-76.56	92.0	2.1	Sipí - Chocó
1112	2018/11/20	07:35:30	6.82	-73.16	150.0	3.1	Los Santos - Santander
1113	2018/11/20	07:56:42	6.83	-73.13	148.0	2.0	Los Santos - Santander
1114	2018/11/20	08:03:13	2.95	-74.82	20.0	1.4	Uribe - Meta
1115	2018/11/20	08:20:17	6.85	-73.29	124.0	2.1	Zapatoca - Santander
1116	2018/11/20	09:09:41	10.38	-73.56	83.0	1.5	Pueblo Bello - Cesar
1117	2018/11/20	09:22:30	3.23	-76.75	120.0	1.4	Jamundí - Valle del Cauca
1118	2018/11/20	09:24:18	6.79	-73.15	139.0	1.8	Los Santos - Santander
1119	2018/11/20	09:44:33	6.75	-73.14	143.0	1.7	Los Santos - Santander
1120	2018/11/20	09:53:02	6.81	-73.22	146.0	1.9	Zapatoca - Santander
1121	2018/11/20	09:55:12	6.8	-73.19	141.0	1.8	Zapatoca - Santander
1122	2018/11/20	11:03:24	6.85	-73.09	142.0	2.1	Los Santos - Santander
1123	2018/11/20	11:55:14	6.85	-73.15	150.0	2.1	Los Santos - Santander
1124	2018/11/20	14:37:17	2.65	-75.9	79.0	1.6	Páez (Belalcázar) - Cauca
1125	2018/11/20	14:39:23	3.39	-74.16	4.0	1.5	Mesetas - Meta

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1126	2018/11/20	14:48:41	8.57	-73.07	129.0	2.0	El Tarra - Norte de Santander
1127	2018/11/20	15:01:39	9.8	-73.74	87.0	1.7	El Paso - Cesar
1128	2018/11/20	16:08:59	6.81	-73.15	149.0	2.3	Los Santos - Santander
1129	2018/11/20	16:27:13	6.89	-73.1	145.0	1.9	Los Santos - Santander
1130	2018/11/20	16:41:43	6.78	-73.22	137.0	1.8	Zapatoca - Santander
1131	2018/11/20	16:55:22	6.8	-73.14	149.0	3.8	Los Santos - Santander
1132	2018/11/20	17:34:42	10.96	-73.25	27.0	1.4	Riohacha - la Guajira
1133	2018/11/20	17:55:00	7.24	-76.4	6.0	2.0	Mutató - Antioquia
1134	2018/11/20	18:04:53	7.3	-73.08	30.0	1.5	Matanza - Santander
1135	2018/11/20	18:17:29	6.8	-73.16	140.0	1.9	Los Santos - Santander
1136	2018/11/20	18:21:01	6.88	-73.72	99.0	1.7	San Vicente de Chucurí - Santander
1137	2018/11/20	18:34:42	6.85	-73.19	146.0	1.6	Zapatoca - Santander
1138	2018/11/20	18:55:35	6.83	-73.14	143.0	2.2	Los Santos - Santander
1139	2018/11/20	19:07:38	6.78	-73.18	148.0	1.7	Los Santos - Santander
1140	2018/11/20	19:25:44	6.8	-73.15	142.0	2.9	Los Santos - Santander
1141	2018/11/20	19:32:49	6.76	-73.23	152.0	1.9	Zapatoca - Santander
1142	2018/11/20	20:09:09	6.81	-73.19	139.0	1.5	Los Santos - Santander
1143	2018/11/20	20:18:14	6.82	-73.14	145.0	1.6	Los Santos - Santander
1144	2018/11/20	20:31:03	6.35	-76.91	16.0	2.4	Bojayá (Bellavista) - Chocó
1145	2018/11/20	20:42:34	6.83	-73.15	147.0	3.0	Los Santos - Santander
1146	2018/11/20	21:05:07	6.83	-73.17	146.0	2.0	Los Santos - Santander
1147	2018/11/20	21:26:44	6.71	-73.17	170.0	1.7	Villanueva - Santander
1148	2018/11/20	21:31:01	6.84	-73.13	145.0	1.6	Los Santos - Santander
1149	2018/11/20	21:34:04	6.69	-73.22	140.0	1.7	Barichara - Santander
1150	2018/11/20	22:26:08	6.84	-76.3	-1.0	1.9	Dabeiba - Antioquia
1151	2018/11/20	22:33:51	6.83	-73.08	150.0	2.1	Los Santos - Santander
1152	2018/11/20	22:55:39	4.72	-76.19	99.0	1.2	El Cairo - Valle del Cauca
1153	2018/11/20	23:25:37	6.53	-73.49	116.0	1.6	El Carmen - Santander
1154	2018/11/20	23:35:09	4.97	-77.57	31.0	1.5	Océano Pacífico
1155	2018/11/20	23:39:14	6.82	-73.19	142.0	1.7	Zapatoca - Santander
1156	2018/11/20	23:40:20	6.81	-73.06	149.0	1.5	Los Santos - Santander
1157	2018/11/21	00:28:48	6.78	-73.09	147.0	1.7	Los Santos - Santander
1158	2018/11/21	01:17:39	6.82	-73.13	140.0	2.0	Los Santos - Santander
1159	2018/11/21	01:24:15	6.71	-73.71	17.0	1.5	El Carmen - Santander
1160	2018/11/21	01:31:41	5.43	-78.03	10.0	2.4	Océano Pacífico
1161	2018/11/21	01:37:46	5.8	-73.6	125.0	1.6	Moniquirá - Boyacá
1162	2018/11/21	01:46:54	6.82	-73.14	146.0	2.7	Los Santos - Santander
1163	2018/11/21	01:54:33	6.81	-73.15	150.0	2.1	Los Santos - Santander
1164	2018/11/21	02:12:21	6.79	-73.15	135.0	1.7	Los Santos - Santander
1165	2018/11/21	03:13:45	6.82	-73.15	146.0	2.2	Los Santos - Santander
1166	2018/11/21	03:18:42	6.26	-73.74	97.0	1.7	Landázuri - Santander
1167	2018/11/21	04:20:01	10.38	-73.11	106.0	1.6	La Paz - Cesar
1168	2018/11/21	04:21:41	6.08	-72.57	3.0	1.6	Socotá - Boyacá
1169	2018/11/21	04:21:57	4.87	-76.2	101.0	2.4	San José del Palmar - Chocó
1170	2018/11/21	04:33:23	6.84	-73.09	143.0	1.6	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1171	2018/11/21	04:46:14	6.85	-76.18	0.0	1.1	Uramita - Antioquia
1172	2018/11/21	05:00:15	6.76	-73.03	133.0	1.7	Aratoca - Santander
1173	2018/11/21	05:05:50	6.82	-73.13	150.0	1.9	Los Santos - Santander
1174	2018/11/21	05:06:41	6.75	-73.34	119.0	1.8	Galán - Santander
1175	2018/11/21	05:10:56	4.61	-74.94	27.0	1.1	Alvarado - Tolima
1176	2018/11/21	05:29:09	6.82	-73.15	145.0	1.9	Los Santos - Santander
1177	2018/11/21	05:37:40	13.16	-81.2	13.0	2.9	Caribbean Sea
1178	2018/11/21	05:51:33	6.31	-73.7	118.0	1.3	La Paz - Santander
1179	2018/11/21	06:31:49	6.84	-73.18	142.0	1.7	Zapatoca - Santander
1180	2018/11/21	06:50:45	6.81	-73.15	142.0	1.7	Los Santos - Santander
1181	2018/11/21	07:26:06	6.88	-73.31	119.0	1.4	Zapatoca - Santander
1182	2018/11/21	07:26:53	1.88	-76.0	3.0	1.3	Pitalito - Huila
1183	2018/11/21	07:58:36	9.72	-73.06	26.0	1.3	Becerrill - Cesar
1184	2018/11/21	08:15:36	7.12	-76.07	10.0	1.5	Dabeiba - Antioquia
1185	2018/11/21	08:35:30	6.82	-73.15	146.0	1.7	Los Santos - Santander
1186	2018/11/21	08:46:54	6.78	-73.15	149.0	1.9	Los Santos - Santander
1187	2018/11/21	08:53:40	3.41	-74.71	18.0	1.6	Colombia - Huila
1188	2018/11/21	09:01:47	2.9	-79.58	6.0	2.0	Océano Pacífico
1189	2018/11/21	09:08:31	6.79	-73.12	143.0	1.8	Los Santos - Santander
1190	2018/11/21	09:52:55	6.76	-73.12	139.0	1.6	Los Santos - Santander
1191	2018/11/21	10:20:36	6.69	-73.25	110.0	1.3	Barichara - Santander
1192	2018/11/21	10:37:39	6.8	-73.14	138.0	1.8	Los Santos - Santander
1193	2018/11/21	10:37:53	4.29	-75.99	29.0	1.4	Sevilla - Valle del Cauca
1194	2018/11/21	11:01:39	5.16	-76.77	82.0	1.8	Istrmina - Chocó
1195	2018/11/21	11:52:37	6.83	-76.3	0.0	1.7	Dabeiba - Antioquia
1196	2018/11/21	11:59:43	4.12	-75.54	4.0	0.8	Roncesvalles - Tolima
1197	2018/11/21	12:01:11	6.84	-73.15	147.0	1.7	Los Santos - Santander
1198	2018/11/21	12:14:38	6.75	-73.14	148.0	1.8	Los Santos - Santander
1199	2018/11/21	12:19:56	6.84	-73.14	151.0	1.8	Los Santos - Santander
1200	2018/11/21	12:36:16	1.76	-76.11	18.0	1.4	Palestina - Huila
1201	2018/11/21	12:37:56	6.9	-73.16	144.0	1.5	Girón - Santander
1202	2018/11/21	12:46:47	6.83	-73.17	150.0	2.4	Los Santos - Santander
1203	2018/11/21	12:59:57	6.87	-73.14	140.0	1.4	Los Santos - Santander
1204	2018/11/21	13:25:12	7.11	-74.29	51.0	1.6	San Pablo - Bolívar
1205	2018/11/21	13:45:14	6.8	-73.13	139.0	2.1	Los Santos - Santander
1206	2018/11/21	13:58:33	6.84	-76.27	4.0	1.8	Dabeiba - Antioquia
1207	2018/11/21	14:40:05	5.0	-75.04	4.0	0.9	Villahermosa - Tolima
1208	2018/11/21	17:08:54	1.87	-75.97	-2.0	1.9	Timaná - Huila
1209	2018/11/21	17:38:38	6.82	-73.14	139.0	1.5	Los Santos - Santander
1210	2018/11/21	17:59:14	6.81	-73.12	146.0	2.1	Los Santos - Santander
1211	2018/11/21	18:47:32	6.8	-73.14	149.0	1.9	Los Santos - Santander
1212	2018/11/21	20:00:24	6.86	-73.15	155.0	2.6	Los Santos - Santander
1213	2018/11/21	20:33:39	6.06	-73.5	129.0	1.5	Santana - Boyacá
1214	2018/11/21	20:37:42	4.68	-74.68	78.0	1.4	Pulí - Cundinamarca
1215	2018/11/21	21:22:40	6.78	-73.17	147.0	1.8	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1216	2018/11/21	22:22:00	7.13	-73.16	175.0	1.8	Bucaramanga - Santander
1217	2018/11/21	22:53:58	5.86	-73.62	125.0	2.1	Puente Nacional - Santander
1218	2018/11/22	00:07:45	6.74	-73.18	139.0	1.8	Villanueva - Santander
1219	2018/11/22	00:08:58	6.64	-72.61	123.0	1.8	Carcasí - Santander
1220	2018/11/22	00:18:33	6.8	-73.14	145.0	2.0	Los Santos - Santander
1221	2018/11/22	00:45:32	5.86	-73.63	124.0	1.5	Puente Nacional - Santander
1222	2018/11/22	00:53:23	6.82	-73.14	149.0	3.1	Los Santos - Santander
1223	2018/11/22	01:18:42	6.78	-73.15	147.0	2.1	Los Santos - Santander
1224	2018/11/22	01:58:51	6.02	-74.82	4.0	1.5	San Luis - Antioquia
1225	2018/11/22	02:05:59	6.82	-73.17	146.0	1.9	Los Santos - Santander
1226	2018/11/22	02:27:04	6.88	-73.2	141.0	1.8	Zapatoca - Santander
1227	2018/11/22	03:08:21	6.79	-73.16	140.0	1.3	Los Santos - Santander
1228	2018/11/22	03:11:08	6.76	-73.06	146.0	1.8	Los Santos - Santander
1229	2018/11/22	03:15:49	7.46	-73.59	98.0	1.6	Sabana de Torres - Santander
1230	2018/11/22	03:19:42	1.69	-76.49	3.0	1.0	Santa Rosa - Cauca
1231	2018/11/22	03:25:53	6.83	-73.14	153.0	3.4	Los Santos - Santander
1232	2018/11/22	03:29:37	7.4	-77.49	47.0	2.0	Riosucio - Chocó
1233	2018/11/22	03:47:28	3.2	-78.54	8.0	1.9	Océano Pacífico
1234	2018/11/22	04:07:39	4.95	-75.49	8.0	1.3	Villamaria - Caldas
1235	2018/11/22	04:33:53	7.21	-73.06	155.0	2.0	Matanza - Santander
1236	2018/11/22	04:56:29	6.77	-73.17	145.0	1.8	Los Santos - Santander
1237	2018/11/22	05:10:45	6.84	-76.19	-1.0	1.4	Uramita - Antioquia
1238	2018/11/22	05:11:38	6.88	-76.22	0.0	1.2	Uramita - Antioquia
1239	2018/11/22	05:32:13	6.81	-73.2	145.0	1.6	Zapatoca - Santander
1240	2018/11/22	05:32:26	3.26	-74.33	11.0	1.7	Uribe - Meta
1241	2018/11/22	06:18:19	3.42	-74.62	4.0	1.5	Colombia - Huila
1242	2018/11/22	07:05:02	6.72	-73.11	145.0	2.0	Jordán - Santander
1243	2018/11/22	07:30:16	3.93	-76.0	3.0	1.6	Tuluá - Valle del Cauca
1244	2018/11/22	07:34:38	10.66	-72.87	92.0	1.5	El Molino - la Guajira
1245	2018/11/22	07:55:21	6.81	-73.19	146.0	1.8	Zapatoca - Santander
1246	2018/11/22	08:19:01	6.81	-73.21	146.0	1.6	Zapatoca - Santander
1247	2018/11/22	08:58:43	8.74	-73.32	109.0	1.9	El Carmen - Norte de Santander
1248	2018/11/22	09:12:39	6.79	-73.17	143.0	1.7	Los Santos - Santander
1249	2018/11/22	09:14:44	1.91	-76.04	-0.0	1.4	Pitalito - Huila
1250	2018/11/22	09:38:27	3.28	-74.51	3.0	1.5	Uribe - Meta
1251	2018/11/22	10:29:44	6.79	-73.19	143.0	1.8	Los Santos - Santander
1252	2018/11/22	10:56:01	6.87	-76.26	-1.0	1.3	Dabeiba - Antioquia
1253	2018/11/22	12:30:53	6.82	-73.23	144.0	1.4	Zapatoca - Santander
1254	2018/11/22	12:48:07	6.81	-73.22	151.0	1.9	Zapatoca - Santander
1255	2018/11/22	13:17:55	3.31	-76.94	69.0	1.3	Buenaventura - Valle del Cauca
1256	2018/11/22	14:20:41	6.9	-73.23	144.0	1.7	Zapatoca - Santander
1257	2018/11/22	14:21:26	4.81	-74.73	9.0	1.4	Beltrán - Cundinamarca
1258	2018/11/22	15:06:18	6.89	-74.15	13.0	1.4	Yondó (Casabe) - Antioquia
1259	2018/11/22	16:32:45	6.25	-77.57	-0.0	2.1	Océano Pacífico
1260	2018/11/22	16:37:39	6.85	-73.14	141.0	1.6	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1261	2018/11/22	16:38:16	10.74	-73.47	93.0	1.6	Valledupar - Cesar
1262	2018/11/22	17:55:30	7.8	-77.18	17.0	1.9	Riosucio - Chocó
1263	2018/11/22	18:09:06	6.83	-73.13	142.0	2.0	Los Santos - Santander
1264	2018/11/22	18:54:41	6.76	-73.21	141.0	1.5	Villanueva - Santander
1265	2018/11/22	19:36:23	6.82	-73.16	150.0	2.4	Los Santos - Santander
1266	2018/11/22	19:39:52	6.79	-73.14	147.0	1.7	Los Santos - Santander
1267	2018/11/22	19:56:22	6.81	-73.15	146.0	1.9	Los Santos - Santander
1268	2018/11/22	20:38:25	6.37	-73.55	119.0	2.5	Santa Helena del Opón - Santander
1269	2018/11/22	21:57:10	5.23	-73.7	145.0	2.0	Suesca - Cundinamarca
1270	2018/11/22	22:10:30	5.9	-74.91	4.0	1.4	San Francisco - Antioquia
1271	2018/11/22	22:46:28	11.25	-72.91	-1.0	1.5	Riohacha - la Guajira
1272	2018/11/22	22:46:40	5.75	-75.92	44.0	1.5	Betania - Antioquia
1273	2018/11/22	23:03:56	9.42	-73.27	123.0	1.6	Chiriguaná - Cesar
1274	2018/11/22	23:09:25	6.3	-72.38	2.0	1.7	El Cocuy - Boyacá
1275	2018/11/22	23:23:40	6.83	-73.17	142.0	1.8	Los Santos - Santander
1276	2018/11/23	00:02:34	7.88	-73.24	126.0	1.9	Ábrego - Norte de Santander
1277	2018/11/23	01:09:02	4.49	-76.22	6.0	1.3	El Dovio - Valle del Cauca
1278	2018/11/23	01:14:37	6.81	-73.11	146.0	2.1	Los Santos - Santander
1279	2018/11/23	01:24:24	6.81	-73.17	151.0	1.7	Los Santos - Santander
1280	2018/11/23	01:32:46	7.03	-76.35	-1.0	1.7	Dabeiba - Antioquia
1281	2018/11/23	02:20:52	5.83	-75.92	59.0	1.0	Ciudad Bolívar - Antioquia
1282	2018/11/23	02:46:00	4.46	-76.16	71.0	1.6	Roldanillo - Valle del Cauca
1283	2018/11/23	03:08:05	10.8	-72.81	23.0	1.6	Fonseca - la Guajira
1284	2018/11/23	03:13:51	10.86	-73.68	9.0	1.5	Santa Marta - Magdalena
1285	2018/11/23	03:41:35	7.09	-72.23	4.0	1.3	Toledo - Norte de Santander
1286	2018/11/23	05:18:56	1.93	-76.0	0.0	3.0	Pitalito - Huila
1287	2018/11/23	05:29:47	1.97	-75.97	0.0	0.9	Elías - Huila
1288	2018/11/23	05:45:17	6.35	-73.6	112.0	2.0	Santa Helena del Opón - Santander
1289	2018/11/23	06:58:17	6.82	-73.18	144.0	1.8	Los Santos - Santander
1290	2018/11/23	07:02:24	6.79	-73.23	134.0	1.7	Zapatoca - Santander
1291	2018/11/23	07:41:01	6.22	-76.07	38.0	1.5	Úrrao - Antioquia
1292	2018/11/23	08:51:32	6.73	-73.14	128.0	1.5	Jordán - Santander
1293	2018/11/23	10:18:14	6.2	-73.17	176.0	1.8	Charalá - Santander
1294	2018/11/23	10:21:00	8.29	-72.77	4.0	2.1	Sardinata - Norte de Santander
1295	2018/11/23	11:51:05	4.3	-75.28	21.0	1.2	Rovira - Tolima
1296	2018/11/23	12:31:12	4.72	-73.4	11.0	1.9	Gachalá - Cundinamarca
1297	2018/11/23	13:22:14	6.4	-73.65	101.0	1.9	Santa Helena del Opón - Santander
1298	2018/11/23	13:25:29	6.84	-73.17	144.0	1.6	Zapatoca - Santander
1299	2018/11/23	14:31:36	1.99	-75.87	4.0	1.1	Timaná - Huila
1300	2018/11/23	14:45:55	6.82	-73.13	145.0	2.3	Los Santos - Santander
1301	2018/11/23	15:11:49	6.76	-73.16	136.0	1.3	Los Santos - Santander
1302	2018/11/23	15:12:23	6.85	-73.15	147.0	1.7	Los Santos - Santander
1303	2018/11/23	15:26:02	11.04	-73.81	-1.0	1.7	Santa Marta - Magdalena
1304	2018/11/23	15:26:15	5.79	-74.14	77.0	1.5	Otanche - Boyacá
1305	2018/11/23	15:41:29	7.17	-75.96	21.0	1.9	Ituango - Antioquia
1306	2018/11/23	15:42:38	6.48	-72.71	3.0	1.4	Covarachía - Boyacá

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1307	2018/11/23	15:44:54	6.6	-73.08	3.0	0.9	Curití - Santander
1308	2018/11/23	15:55:02	6.8	-73.11	142.0	1.5	Los Santos - Santander
1309	2018/11/23	16:25:44	4.28	-76.68	91.0	1.4	El Litoral del San Juan (Docordó) - Chocó
1310	2018/11/23	17:23:38	2.25	-75.45	17.0	1.4	Garzón - Huila
1311	2018/11/23	17:29:41	6.83	-73.16	144.0	2.3	Los Santos - Santander
1312	2018/11/23	17:34:32	6.82	-73.15	145.0	1.8	Los Santos - Santander
1313	2018/11/23	17:40:47	6.89	-78.03	11.0	4.5	Océano Pacifico
1314	2018/11/23	18:05:17	6.81	-73.15	144.0	1.6	Los Santos - Santander
1315	2018/11/23	18:44:17	6.53	-73.7	98.0	2.8	Simacota - Santander
1316	2018/11/23	19:06:21	6.8	-73.13	151.0	2.0	Los Santos - Santander
1317	2018/11/23	20:32:11	6.79	-73.09	148.0	1.6	Los Santos - Santander
1318	2018/11/23	20:39:19	4.73	-76.15	93.0	1.6	Argelia - Valle del Cauca
1319	2018/11/23	21:02:11	5.83	-74.19	25.0	1.6	Otanche - Boyacá
1320	2018/11/23	21:40:58	4.24	-76.27	116.0	1.4	Trujillo - Valle del Cauca
1321	2018/11/23	21:43:52	6.63	-72.91	15.0	1.0	Mogotes - Santander
1322	2018/11/23	21:49:39	6.82	-73.13	151.0	2.5	Los Santos - Santander
1323	2018/11/23	21:51:40	4.62	-73.68	17.0	1.6	Junín - Cundinamarca
1324	2018/11/23	22:02:32	6.83	-73.15	148.0	1.9	Los Santos - Santander
1325	2018/11/23	22:22:40	4.45	-73.54	6.0	1.1	Medina - Cundinamarca
1326	2018/11/23	22:44:36	9.6	-73.35	40.0	1.1	La Jagua de Ibirico - Cesar
1327	2018/11/23	22:57:31	4.51	-75.68	9.0	1.5	Calarcá - Quindío
1328	2018/11/23	23:32:59	6.83	-73.16	144.0	1.9	Los Santos - Santander
1329	2018/11/23	23:56:57	6.83	-73.21	147.0	1.6	Zapatoca - Santander
1330	2018/11/24	00:36:06	6.81	-73.14	146.0	2.1	Los Santos - Santander
1331	2018/11/24	00:56:30	5.43	-73.81	135.0	1.6	Susa - Cundinamarca
1332	2018/11/24	01:01:11	6.84	-73.14	148.0	2.3	Los Santos - Santander
1333	2018/11/24	01:24:13	6.82	-73.13	143.0	1.9	Los Santos - Santander
1334	2018/11/24	01:58:45	6.82	-73.17	142.0	1.5	Los Santos - Santander
1335	2018/11/24	02:03:06	6.79	-73.19	142.0	1.7	Los Santos - Santander
1336	2018/11/24	02:20:18	6.8	-73.19	141.0	1.6	Los Santos - Santander
1337	2018/11/24	02:44:18	11.43	-74.16	3.0	1.8	Mar Caribe
1338	2018/11/24	03:49:36	1.88	-76.31	20.0	0.8	San Agustín - Huila
1339	2018/11/24	03:52:19	10.51	-73.38	11.0	1.4	Valledupar - Cesar
1340	2018/11/24	03:55:05	6.81	-73.16	143.0	1.6	Los Santos - Santander
1341	2018/11/24	03:59:46	6.86	-73.25	128.0	1.2	Zapatoca - Santander
1342	2018/11/24	04:07:12	7.0	-73.2	115.0	1.4	Girón - Santander
1343	2018/11/24	04:23:55	2.37	-75.61	4.0	1.4	Gigante - Huila
1344	2018/11/24	05:02:42	6.85	-73.16	149.0	2.5	Los Santos - Santander
1345	2018/11/24	05:52:46	6.76	-73.13	148.0	1.6	Los Santos - Santander
1346	2018/11/24	05:55:13	5.82	-74.47	61.0	1.2	Puerto Boyacá - Boyacá
1347	2018/11/24	05:56:18	6.85	-73.28	138.0	1.6	Zapatoca - Santander
1348	2018/11/24	06:11:31	10.67	-73.45	16.0	1.4	Valledupar - Cesar
1349	2018/11/24	06:33:58	6.68	-72.73	52.0	1.4	Málaga - Santander
1350	2018/11/24	06:34:14	7.01	-73.47	48.0	1.3	Betulia - Santander
1351	2018/11/24	07:29:25	6.82	-73.25	151.0	1.6	Zapatoca - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1352	2018/11/24	07:49:17	6.81	-73.15	149.0	2.5	Los Santos - Santander
1353	2018/11/24	08:29:20	6.83	-73.16	149.0	2.7	Los Santos - Santander
1354	2018/11/24	08:49:46	7.41	-73.29	121.0	2.2	Rionegro - Santander
1355	2018/11/24	09:26:52	3.58	-76.93	62.0	1.2	Buenaventura - Valle del Cauca
1356	2018/11/24	09:29:01	6.83	-73.17	151.0	2.6	Los Santos - Santander
1357	2018/11/24	09:37:48	6.82	-73.17	147.0	2.7	Los Santos - Santander
1358	2018/11/24	10:07:32	4.2	-75.51	15.0	1.7	Rovira - Tolima
1359	2018/11/24	10:54:28	6.81	-73.19	146.0	1.5	Zapatoca - Santander
1360	2018/11/24	11:11:45	4.78	-74.53	46.0	1.4	Quipile - Cundinamarca
1361	2018/11/24	11:47:06	2.88	-75.91	18.0	1.1	Teruel - Huila
1362	2018/11/24	12:15:07	6.8	-73.13	153.0	2.0	Los Santos - Santander
1363	2018/11/24	14:11:14	2.42	-75.54	4.0	1.8	Gigante - Huila
1364	2018/11/24	14:18:04	6.8	-73.15	150.0	2.8	Los Santos - Santander
1365	2018/11/24	14:24:31	5.82	-73.5	0.0	1.5	Arcabuco - Boyacá
1366	2018/11/24	14:30:16	6.79	-73.13	143.0	1.8	Los Santos - Santander
1367	2018/11/24	14:38:10	6.83	-73.2	143.0	1.5	Zapatoca - Santander
1368	2018/11/24	14:42:16	10.54	-73.37	86.0	1.5	Valledupar - Cesar
1369	2018/11/24	14:51:41	6.94	-78.12	4.0	2.3	Océano Pacífico
1370	2018/11/24	15:43:29	4.97	-75.12	15.0	1.7	Villahermosa - Tolima
1371	2018/11/24	16:13:15	6.81	-73.11	145.0	1.5	Los Santos - Santander
1372	2018/11/24	16:15:26	6.8	-71.71	29.0	1.4	Fortul - Arauca
1373	2018/11/24	16:31:06	6.79	-73.1	138.0	1.9	Los Santos - Santander
1374	2018/11/24	16:36:28	6.91	-78.09	15.0	2.9	Océano Pacífico
1375	2018/11/24	16:52:39	3.41	-74.69	20.0	2.8	Colombia - Huila
1376	2018/11/24	17:01:12	3.54	-74.55	32.0	0.9	Uribe - Meta
1377	2018/11/24	17:38:34	6.79	-73.14	141.0	1.2	Los Santos - Santander
1378	2018/11/24	17:58:52	6.83	-73.18	139.0	1.6	Zapatoca - Santander
1379	2018/11/24	18:00:04	6.79	-73.18	148.0	1.3	Los Santos - Santander
1380	2018/11/24	18:49:30	4.24	-76.63	80.0	1.9	El Litoral del San Juan (Docordó) - Chocó
1381	2018/11/24	18:49:56	6.78	-73.1	146.0	1.8	Los Santos - Santander
1382	2018/11/24	18:51:54	5.69	-73.92	119.0	1.4	Briceño - Boyacá
1383	2018/11/24	19:17:49	4.91	-76.27	88.0	1.9	San José del Palmar - Chocó
1384	2018/11/24	19:26:22	6.82	-73.17	146.0	2.1	Los Santos - Santander
1385	2018/11/24	19:58:52	5.0	-75.06	5.0	1.3	Villahermosa - Tolima
1386	2018/11/24	20:10:55	4.48	-75.67	13.0	0.9	Calarcá - Quindío
1387	2018/11/24	20:55:48	1.0	-77.07	-0.0	1.9	Pasto - Nariño
1388	2018/11/24	21:16:27	3.41	-74.69	16.0	1.2	Colombia - Huila
1389	2018/11/24	21:19:29	1.64	-77.24	34.0	1.3	San Lorenzo - Nariño
1390	2018/11/24	21:24:17	3.95	-76.36	115.0	1.5	Yotoco - Valle del Cauca
1391	2018/11/24	21:28:48	6.78	-73.12	147.0	2.0	Los Santos - Santander
1392	2018/11/24	22:06:34	6.94	-78.08	7.0	3.3	Océano Pacífico
1393	2018/11/24	22:09:21	6.58	-73.54	110.0	1.7	El Carmen - Santander
1394	2018/11/24	22:36:20	4.03	-76.53	59.0	1.6	Calima (El Darién) - Valle del Cauca
1395	2018/11/24	23:04:09	6.83	-73.14	148.0	1.8	Los Santos - Santander
1396	2018/11/24	23:19:47	6.89	-76.27	0.0	1.7	Dabeiba - Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1397	2018/11/24	23:52:26	6.93	-73.19	148.0	1.6	Girón - Santander
1398	2018/11/24	23:59:24	6.84	-71.9	13.0	1.3	Saravena - Arauca
1399	2018/11/25	00:52:20	6.81	-73.13	146.0	1.7	Los Santos - Santander
1400	2018/11/25	01:02:23	5.07	-73.0	5.0	1.4	Páez - Boyacá
1401	2018/11/25	01:19:06	13.24	-81.2	12.0	4.7	Caribbean Sea
1402	2018/11/25	01:29:26	13.49	-81.4	35.0	2.2	Caribbean Sea
1403	2018/11/25	01:30:44	13.29	-81.33	23.0	2.1	Caribbean Sea
1404	2018/11/25	01:50:32	13.24	-81.19	13.0	2.1	Caribbean Sea
1405	2018/11/25	02:32:55	5.67	-74.34	83.0	1.1	Yacopí - Cundinamarca
1406	2018/11/25	03:40:50	13.23	-81.18	14.0	6.0	Caribbean Sea
1407	2018/11/25	03:55:05	13.22	-81.25	12.0	3.2	Caribbean Sea
1408	2018/11/25	03:58:07	13.28	-81.22	15.0	3.2	Caribbean Sea
1409	2018/11/25	04:02:33	13.31	-81.37	15.0	2.2	Caribbean Sea
1410	2018/11/25	04:03:56	13.31	-81.17	3.0	2.3	Caribbean Sea
1411	2018/11/25	04:04:34	13.26	-81.18	15.0	2.0	Caribbean Sea
1412	2018/11/25	04:05:27	13.26	-81.35	21.0	2.2	Caribbean Sea
1413	2018/11/25	04:08:39	13.27	-81.2	12.0	2.1	Caribbean Sea
1414	2018/11/25	04:11:50	13.26	-81.21	14.0	3.1	Caribbean Sea
1415	2018/11/25	04:13:16	13.29	-81.16	15.0	3.1	Caribbean Sea
1416	2018/11/25	04:14:48	13.2	-81.21	12.0	2.2	Caribbean Sea
1417	2018/11/25	04:22:35	13.27	-81.38	20.0	2.4	Caribbean Sea
1418	2018/11/25	04:29:53	13.24	-81.22	-0.0	2.4	Caribbean Sea
1419	2018/11/25	04:30:39	13.25	-81.23	15.0	3.0	Caribbean Sea
1420	2018/11/25	04:32:54	9.24	-73.48	94.0	1.6	Curumaní - Cesar
1421	2018/11/25	04:36:33	13.25	-81.15	14.0	3.3	Caribbean Sea
1422	2018/11/25	04:38:00	10.43	-73.57	72.0	1.5	Pueblo Bello - Cesar
1423	2018/11/25	04:39:42	4.64	-76.26	112.0	1.6	Versalles - Valle del Cauca
1424	2018/11/25	04:39:50	13.25	-81.19	22.0	2.9	Caribbean Sea
1425	2018/11/25	04:41:07	13.2	-81.19	13.0	3.5	Caribbean Sea
1426	2018/11/25	04:43:17	13.26	-81.22	13.0	3.3	Caribbean Sea
1427	2018/11/25	04:45:07	13.24	-81.24	12.0	3.0	Caribbean Sea
1428	2018/11/25	04:48:28	13.26	-81.27	16.0	2.8	Caribbean Sea
1429	2018/11/25	04:50:29	13.26	-81.3	16.0	2.1	Caribbean Sea
1430	2018/11/25	04:57:43	13.23	-81.25	15.0	2.7	Caribbean Sea
1431	2018/11/25	04:59:38	13.23	-81.28	12.0	2.4	Caribbean Sea
1432	2018/11/25	05:00:56	13.35	-81.35	30.0	2.0	Caribbean Sea
1433	2018/11/25	05:03:48	13.24	-81.25	16.0	2.7	Caribbean Sea
1434	2018/11/25	05:07:19	13.24	-81.36	20.0	2.1	Caribbean Sea
1435	2018/11/25	05:10:26	13.27	-81.16	13.0	2.0	Caribbean Sea

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1436	2018/11/25	05:11:40	13.23	-81.27	-0.0	2.5	Caribbean Sea
1437	2018/11/25	05:12:18	13.26	-81.27	16.0	2.3	Caribbean Sea
1438	2018/11/25	05:14:52	13.27	-81.24	14.0	2.6	Caribbean Sea
1439	2018/11/25	05:15:51	13.22	-81.19	12.0	3.1	Caribbean Sea
1440	2018/11/25	05:16:16	13.21	-81.24	11.0	4.3	Caribbean Sea
1441	2018/11/25	05:20:44	13.24	-81.28	14.0	3.1	Caribbean Sea
1442	2018/11/25	05:23:13	13.23	-81.25	14.0	2.6	Caribbean Sea
1443	2018/11/25	05:28:34	13.24	-81.21	13.0	3.9	Caribbean Sea
1444	2018/11/25	05:29:08	13.26	-81.27	13.0	3.5	Mar Caribe
1445	2018/11/25	05:30:07	13.24	-81.24	15.0	3.2	Caribbean Sea
1446	2018/11/25	05:32:45	13.22	-81.18	0.0	3.4	Caribbean Sea
1447	2018/11/25	05:35:18	13.33	-81.17	24.0	2.3	Caribbean Sea
1448	2018/11/25	05:35:59	5.5	-73.96	158.0	1.8	Buenavista - Boyacá
1449	2018/11/25	05:39:11	13.28	-81.22	15.0	2.9	Caribbean Sea
1450	2018/11/25	05:44:01	13.27	-81.2	18.0	2.1	Caribbean Sea
1451	2018/11/25	05:46:11	13.23	-81.26	15.0	3.2	Caribbean Sea
1452	2018/11/25	05:51:47	13.21	-81.21	11.0	2.4	Caribbean Sea
1453	2018/11/25	05:58:56	13.22	-81.23	13.0	3.7	Caribbean Sea
1454	2018/11/25	06:04:59	13.25	-81.28	11.0	2.4	Caribbean Sea
1455	2018/11/25	06:06:24	13.25	-81.15	9.0	2.4	Caribbean Sea
1456	2018/11/25	06:08:36	13.25	-81.24	13.0	3.4	Caribbean Sea
1457	2018/11/25	06:14:22	13.26	-81.17	14.0	2.8	Mar Caribe
1458	2018/11/25	06:15:59	13.2	-81.2	13.0	3.8	Caribbean Sea
1459	2018/11/25	06:18:27	13.38	-81.33	28.0	2.9	Caribbean Sea
1460	2018/11/25	06:25:28	13.25	-81.36	17.0	2.5	Caribbean Sea
1461	2018/11/25	06:38:15	13.24	-81.21	4.0	2.6	Caribbean Sea
1462	2018/11/25	06:39:40	13.3	-81.18	14.0	2.7	Caribbean Sea
1463	2018/11/25	06:47:35	13.28	-81.24	15.0	3.4	Caribbean Sea
1464	2018/11/25	06:50:19	13.3	-81.36	21.0	2.5	Caribbean Sea
1465	2018/11/25	06:53:11	13.22	-81.23	12.0	3.7	Caribbean Sea
1466	2018/11/25	06:54:52	13.26	-81.34	21.0	3.5	Caribbean Sea
1467	2018/11/25	06:58:26	13.22	-81.23	-1.0	2.2	Caribbean Sea
1468	2018/11/25	07:00:40	13.33	-81.26	24.0	2.3	Caribbean Sea
1469	2018/11/25	07:06:01	13.27	-81.17	15.0	2.1	Caribbean Sea
1470	2018/11/25	07:09:34	13.23	-81.35	31.0	2.4	Caribbean Sea
1471	2018/11/25	07:10:59	13.3	-81.18	14.0	2.2	Caribbean Sea
1472	2018/11/25	07:13:16	13.3	-81.29	25.0	2.3	Caribbean Sea
1473	2018/11/25	07:17:21	13.26	-81.24	15.0	2.3	Caribbean Sea

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1474	2018/11/25	07:19:52	13.22	-81.13	14.0	2.8	Caribbean Sea
1475	2018/11/25	07:25:26	13.28	-81.13	16.0	2.4	Caribbean Sea
1476	2018/11/25	07:29:51	13.28	-81.15	15.0	2.8	Caribbean Sea
1477	2018/11/25	07:41:32	1.4	-76.52	60.0	1.2	Santa Rosa - Cauca
1478	2018/11/25	07:43:26	13.28	-81.16	15.0	2.4	Caribbean Sea
1479	2018/11/25	07:48:34	13.27	-81.16	15.0	2.6	Caribbean Sea
1480	2018/11/25	07:54:52	13.29	-81.14	15.0	2.2	Caribbean Sea
1481	2018/11/25	08:06:09	13.36	-81.29	36.0	2.3	Caribbean Sea
1482	2018/11/25	08:07:25	13.25	-81.16	15.0	2.3	Caribbean Sea
1483	2018/11/25	08:17:35	6.36	-73.7	101.0	1.3	Vélez - Santander
1484	2018/11/25	08:19:09	6.79	-73.18	142.0	1.5	Los Santos - Santander
1485	2018/11/25	08:29:27	13.4	-81.31	29.0	2.9	Caribbean Sea
1486	2018/11/25	08:34:50	13.23	-81.27	13.0	2.3	Caribbean Sea
1487	2018/11/25	08:37:14	5.64	-77.97	32.0	2.0	Océano Pacífico
1488	2018/11/25	08:46:12	13.21	-81.24	12.0	2.9	Caribbean Sea
1489	2018/11/25	08:52:15	13.3	-81.3	23.0	2.4	Caribbean Sea
1490	2018/11/25	09:05:42	13.27	-81.3	23.0	2.4	Caribbean Sea
1491	2018/11/25	09:30:38	6.78	-73.12	149.0	1.8	Los Santos - Santander
1492	2018/11/25	09:31:09	6.83	-73.13	149.0	2.3	Los Santos - Santander
1493	2018/11/25	09:33:09	13.26	-81.16	15.0	2.9	Caribbean Sea
1494	2018/11/25	09:42:59	13.27	-81.23	16.0	2.5	Caribbean Sea
1495	2018/11/25	10:02:50	13.25	-81.16	14.0	2.1	Caribbean Sea
1496	2018/11/25	10:06:25	13.26	-81.19	15.0	2.4	Caribbean Sea
1497	2018/11/25	10:09:13	13.25	-81.26	12.0	2.3	Caribbean Sea
1498	2018/11/25	10:16:52	13.24	-81.22	13.0	2.9	Caribbean Sea
1499	2018/11/25	10:33:18	13.31	-81.15	16.0	2.2	Caribbean Sea
1500	2018/11/25	10:45:17	13.22	-81.25	11.0	4.7	Caribbean Sea
1501	2018/11/25	10:56:52	13.25	-81.23	16.0	2.1	Caribbean Sea
1502	2018/11/25	11:12:12	2.88	-79.46	5.0	1.3	Océano Pacífico
1503	2018/11/25	11:20:43	13.35	-81.29	28.0	2.4	Caribbean Sea
1504	2018/11/25	11:40:32	13.1	-81.31	0.0	3.1	Caribbean Sea
1505	2018/11/25	11:45:07	6.83	-73.16	151.0	2.0	Los Santos - Santander
1506	2018/11/25	11:47:12	13.24	-81.27	2.0	2.1	Caribbean Sea
1507	2018/11/25	11:53:20	13.21	-81.35	1.0	2.0	Caribbean Sea
1508	2018/11/25	12:01:49	13.24	-81.17	16.0	2.9	Caribbean Sea
1509	2018/11/25	12:24:41	13.23	-81.26	22.0	2.8	Caribbean Sea
1510	2018/11/25	12:26:40	13.26	-81.36	20.0	2.7	Caribbean Sea
1511	2018/11/25	12:28:23	13.27	-81.17	16.0	4.4	Caribbean Sea
1512	2018/11/25	12:36:29	13.3	-81.24	21.0	3.0	Caribbean Sea

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1513	2018/11/25	12:38:00	13.31	-81.23	22.0	2.7	Caribbean Sea
1514	2018/11/25	12:40:02	13.28	-81.15	15.0	2.7	Caribbean Sea
1515	2018/11/25	12:58:14	13.31	-81.35	25.0	2.2	Caribbean Sea
1516	2018/11/25	13:02:09	13.25	-81.27	21.0	2.5	Caribbean Sea
1517	2018/11/25	13:11:54	13.26	-81.19	14.0	2.2	Caribbean Sea
1518	2018/11/25	13:15:43	13.05	-81.56	16.0	1.9	Caribbean Sea
1519	2018/11/25	13:21:49	13.26	-81.25	13.0	2.4	Caribbean Sea
1520	2018/11/25	13:30:28	13.29	-81.14	16.0	2.4	Caribbean Sea
1521	2018/11/25	13:32:00	13.28	-81.22	0.0	2.9	Caribbean Sea
1522	2018/11/25	13:43:17	13.29	-81.15	15.0	3.0	Caribbean Sea
1523	2018/11/25	13:50:18	13.26	-81.15	18.0	3.1	Caribbean Sea
1524	2018/11/25	13:54:57	13.3	-81.17	15.0	2.7	Mar Caribe
1525	2018/11/25	14:03:55	13.29	-81.14	15.0	2.4	Caribbean Sea
1526	2018/11/25	14:06:01	6.88	-73.19	149.0	1.9	Zapatoca - Santander
1527	2018/11/25	14:11:21	13.45	-81.41	33.0	2.2	Caribbean Sea
1528	2018/11/25	14:14:11	13.27	-81.16	15.0	2.7	Caribbean Sea
1529	2018/11/25	14:14:51	13.48	-81.5	25.0	2.4	Caribbean Sea
1530	2018/11/25	14:18:37	13.28	-81.17	15.0	3.1	Caribbean Sea
1531	2018/11/25	14:22:06	13.6	-81.41	32.0	2.4	Caribbean Sea
1532	2018/11/25	14:26:16	13.28	-81.36	23.0	2.6	Caribbean Sea
1533	2018/11/25	14:31:11	13.3	-81.15	15.0	3.4	Caribbean Sea
1534	2018/11/25	14:46:16	6.85	-73.14	150.0	2.2	Los Santos - Santander
1535	2018/11/25	14:56:12	13.24	-81.17	2.0	2.4	Caribbean Sea
1536	2018/11/25	14:57:57	13.27	-81.13	15.0	2.6	Caribbean Sea
1537	2018/11/25	15:06:42	13.22	-81.27	12.0	3.4	Caribbean Sea
1538	2018/11/25	15:09:32	13.28	-81.28	-1.0	2.0	Caribbean Sea
1539	2018/11/25	15:13:12	13.28	-81.37	22.0	2.5	Caribbean Sea
1540	2018/11/25	15:29:27	13.27	-81.15	8.0	2.2	Mar Caribe
1541	2018/11/25	15:45:59	13.22	-81.26	16.0	4.9	Caribbean Sea
1542	2018/11/25	15:57:03	13.3	-81.16	17.0	2.8	Caribbean Sea
1543	2018/11/25	15:59:09	13.28	-81.41	11.0	1.9	Caribbean Sea
1544	2018/11/25	16:00:48	13.76	-81.71	1.0	2.3	Caribbean Sea
1545	2018/11/25	16:06:05	13.39	-81.59	11.0	1.9	Caribbean Sea
1546	2018/11/25	16:10:16	13.36	-81.53	13.0	1.9	Caribbean Sea
1547	2018/11/25	16:11:24	13.25	-81.29	-0.0	2.1	Caribbean Sea
1548	2018/11/25	16:14:15	13.16	-81.19	11.0	3.1	Caribbean Sea
1549	2018/11/25	16:17:39	13.24	-81.24	-0.0	2.0	Caribbean Sea
1550	2018/11/25	16:19:47	13.23	-81.25	11.0	4.6	Caribbean Sea

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1551	2018/11/25	16:23:24	6.76	-73.11	148.0	2.2	Los Santos - Santander
1552	2018/11/25	16:24:09	13.25	-81.2	1.0	2.7	Caribbean Sea
1553	2018/11/25	16:25:47	13.23	-81.25	12.0	3.4	Caribbean Sea
1554	2018/11/25	16:31:16	13.27	-81.23	14.0	2.1	Caribbean Sea
1555	2018/11/25	16:36:55	13.2	-81.19	6.0	2.3	Caribbean Sea
1556	2018/11/25	16:41:59	13.26	-81.18	16.0	2.5	Caribbean Sea
1557	2018/11/25	16:45:07	13.24	-81.22	14.0	3.6	Caribbean Sea
1558	2018/11/25	16:46:49	13.25	-81.24	19.0	3.4	Caribbean Sea
1559	2018/11/25	16:50:36	13.26	-81.23	12.0	2.8	Caribbean Sea
1560	2018/11/25	17:02:16	13.31	-81.14	16.0	2.8	Caribbean Sea
1561	2018/11/25	17:05:58	13.27	-81.2	-0.0	2.5	Caribbean Sea
1562	2018/11/25	17:10:34	13.27	-81.23	13.0	2.3	Caribbean Sea
1563	2018/11/25	18:11:26	6.8	-73.18	148.0	1.8	Los Santos - Santander
1564	2018/11/25	18:15:30	13.26	-81.19	13.0	2.7	Caribbean Sea
1565	2018/11/25	18:37:37	13.23	-81.26	11.0	2.3	Caribbean Sea
1566	2018/11/25	18:38:56	13.25	-81.26	12.0	2.5	Caribbean Sea
1567	2018/11/25	18:46:08	6.83	-73.15	146.0	1.8	Los Santos - Santander
1568	2018/11/25	18:50:53	13.28	-81.28	25.0	3.4	Caribbean Sea
1569	2018/11/25	18:53:44	13.24	-81.2	13.0	3.5	Caribbean Sea
1570	2018/11/25	18:55:07	13.28	-81.18	16.0	3.3	Caribbean Sea
1571	2018/11/25	19:04:43	13.31	-81.16	14.0	2.3	Caribbean Sea
1572	2018/11/25	19:38:16	13.38	-81.37	29.0	2.2	Caribbean Sea
1573	2018/11/25	19:50:17	6.81	-73.17	146.0	2.1	Los Santos - Santander
1574	2018/11/25	20:03:03	13.23	-81.2	13.0	3.0	Caribbean Sea
1575	2018/11/25	20:52:29	8.96	-76.84	27.0	2.2	Mar Caribe
1576	2018/11/25	20:56:37	13.3	-81.13	15.0	5.6	Caribbean Sea
1577	2018/11/25	21:02:27	13.27	-81.12	15.0	3.2	Caribbean Sea
1578	2018/11/25	21:08:27	13.29	-81.11	16.0	2.8	Caribbean Sea
1579	2018/11/25	21:09:33	13.32	-81.16	2.0	2.6	Caribbean Sea
1580	2018/11/25	21:12:51	13.26	-81.1	14.0	3.5	Caribbean Sea
1581	2018/11/25	21:16:55	13.26	-81.09	15.0	2.9	Caribbean Sea
1582	2018/11/25	21:29:44	13.3	-81.11	14.0	4.2	Caribbean Sea
1583	2018/11/25	21:34:48	13.24	-81.18	17.0	2.7	Caribbean Sea
1584	2018/11/25	21:36:42	7.0	-73.82	112.0	1.8	Barrancabermeja - Santander
1585	2018/11/25	21:40:47	13.3	-81.11	18.0	3.6	Caribbean Sea
1586	2018/11/25	21:44:56	13.29	-81.12	17.0	2.9	Caribbean Sea
1587	2018/11/25	21:52:24	13.26	-81.15	14.0	3.1	Caribbean Sea
1588	2018/11/25	22:00:42	13.25	-81.13	13.0	2.7	Caribbean Sea

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1589	2018/11/25	22:01:25	13.25	-81.16	17.0	3.5	Caribbean Sea
1590	2018/11/25	22:03:19	13.3	-81.13	15.0	2.7	Caribbean Sea
1591	2018/11/25	22:09:56	13.3	-81.14	15.0	3.7	Caribbean Sea
1592	2018/11/25	22:16:19	13.27	-81.13	15.0	3.1	Caribbean Sea
1593	2018/11/25	22:20:17	13.27	-81.14	15.0	2.6	Caribbean Sea
1594	2018/11/25	22:34:28	7.31	-75.42	56.0	1.6	Valdivia - Antioquia
1595	2018/11/25	22:35:31	13.27	-81.12	16.0	2.6	Caribbean Sea
1596	2018/11/25	22:39:34	13.3	-81.14	16.0	2.6	Caribbean Sea
1597	2018/11/25	22:44:13	13.22	-81.19	16.0	3.0	Caribbean Sea
1598	2018/11/25	22:50:25	6.8	-73.17	146.0	1.8	Los Santos - Santander
1599	2018/11/25	22:55:52	13.29	-81.16	15.0	3.3	Caribbean Sea
1600	2018/11/25	23:16:03	13.23	-81.21	12.0	3.7	Caribbean Sea
1601	2018/11/25	23:25:35	13.32	-81.14	15.0	2.6	Caribbean Sea
1602	2018/11/25	23:27:00	13.3	-81.11	16.0	2.5	Caribbean Sea
1603	2018/11/25	23:33:59	13.21	-81.23	-0.0	2.6	Caribbean Sea
1604	2018/11/25	23:43:07	13.3	-81.12	16.0	2.7	Caribbean Sea
1605	2018/11/25	23:50:58	13.29	-81.11	16.0	3.2	Caribbean Sea
1606	2018/11/25	23:51:31	13.3	-81.13	20.0	3.0	Caribbean Sea
1607	2018/11/25	23:52:22	13.26	-81.1	-0.0	2.7	Caribbean Sea
1608	2018/11/25	23:56:38	13.28	-81.11	16.0	2.9	Caribbean Sea
1609	2018/11/26	00:22:11	6.82	-73.13	147.0	2.1	Los Santos - Santander
1610	2018/11/26	00:27:03	13.24	-81.19	16.0	3.2	Caribbean Sea
1611	2018/11/26	00:28:01	13.32	-81.18	23.0	2.6	Caribbean Sea
1612	2018/11/26	00:39:27	13.23	-81.18	13.0	2.6	Caribbean Sea
1613	2018/11/26	00:48:58	13.28	-81.1	15.0	3.0	Caribbean Sea
1614	2018/11/26	00:50:41	13.32	-81.11	17.0	2.8	Caribbean Sea
1615	2018/11/26	01:03:59	13.31	-81.2	15.0	2.0	Caribbean Sea
1616	2018/11/26	01:06:35	13.31	-81.13	16.0	3.1	Caribbean Sea
1617	2018/11/26	01:08:19	13.32	-81.16	16.0	2.7	Caribbean Sea
1618	2018/11/26	01:15:17	13.31	-81.11	19.0	2.5	Caribbean Sea
1619	2018/11/26	01:19:13	13.3	-81.11	16.0	2.5	Caribbean Sea
1620	2018/11/26	01:22:47	6.55	-71.75	37.0	1.6	Tame - Arauca
1621	2018/11/26	01:23:33	6.53	-73.4	117.0	2.3	Simacota - Santander
1622	2018/11/26	01:30:19	13.22	-81.18	13.0	2.6	Caribbean Sea
1623	2018/11/26	01:32:26	6.36	-77.42	3.0	2.1	Océano Pacífico
1624	2018/11/26	01:41:01	13.3	-81.1	16.0	2.5	Caribbean Sea
1625	2018/11/26	01:50:36	13.22	-81.21	14.0	3.7	Caribbean Sea
1626	2018/11/26	01:53:01	13.25	-81.2	12.0	3.1	Caribbean Sea
1627	2018/11/26	01:54:51	6.74	-73.05	179.0	2.0	Aratoca - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1628	2018/11/26	01:57:05	13.29	-81.12	14.0	4.2	Caribbean Sea
1629	2018/11/26	01:58:19	13.29	-81.17	15.0	3.6	Caribbean Sea
1630	2018/11/26	02:02:57	8.9	-73.54	111.0	1.8	Pailitas - Cesar
1631	2018/11/26	02:14:47	6.92	-76.22	-0.0	2.0	Uramita - Antioquia
1632	2018/11/26	02:15:40	13.26	-81.11	16.0	2.9	Caribbean Sea
1633	2018/11/26	02:34:20	5.84	-74.19	26.0	1.1	Otanche - Boyacá
1634	2018/11/26	02:59:11	6.8	-73.13	148.0	1.8	Los Santos - Santander
1635	2018/11/26	03:06:02	13.22	-81.27	11.0	2.8	Caribbean Sea
1636	2018/11/26	03:16:10	5.76	-74.7	1.0	0.7	La Dorada - Caldas
1637	2018/11/26	03:43:05	13.28	-81.1	17.0	4.7	Caribbean Sea
1638	2018/11/26	03:51:27	13.29	-81.11	16.0	3.3	Caribbean Sea
1639	2018/11/26	03:54:55	5.85	-76.13	5.0	2.8	El Carmen - Chocó
1640	2018/11/26	03:59:36	13.19	-81.13	1.0	2.4	Caribbean Sea
1641	2018/11/26	04:01:41	6.8	-73.15	145.0	2.0	Los Santos - Santander
1642	2018/11/26	04:03:38	13.29	-81.37	21.0	2.5	Caribbean Sea
1643	2018/11/26	04:11:15	13.24	-81.16	6.0	2.6	Caribbean Sea
1644	2018/11/26	04:14:08	13.36	-81.21	28.0	2.6	Caribbean Sea
1645	2018/11/26	04:38:57	13.27	-81.21	16.0	2.3	Caribbean Sea
1646	2018/11/26	04:45:43	13.23	-81.33	9.0	2.3	Caribbean Sea
1647	2018/11/26	04:54:03	13.27	-81.36	24.0	2.7	Caribbean Sea
1648	2018/11/26	05:18:24	13.29	-81.24	20.0	3.2	Caribbean Sea
1649	2018/11/26	05:19:14	6.82	-73.14	138.0	1.9	Los Santos - Santander
1650	2018/11/26	05:21:00	13.28	-81.14	16.0	3.4	Caribbean Sea
1651	2018/11/26	05:21:33	6.81	-73.16	146.0	1.9	Los Santos - Santander
1652	2018/11/26	05:33:08	6.76	-73.16	141.0	1.8	Los Santos - Santander
1653	2018/11/26	05:38:50	3.11	-74.8	26.0	1.8	Colombia - Huila
1654	2018/11/26	05:39:25	13.32	-81.12	16.0	2.4	Caribbean Sea
1655	2018/11/26	05:48:29	13.37	-81.43	27.0	2.4	Caribbean Sea
1656	2018/11/26	05:51:51	13.22	-81.26	11.0	2.9	Caribbean Sea
1657	2018/11/26	06:08:15	7.08	-77.16	24.0	2.3	Carmen del Darién (Curbaradó) - Chocó
1658	2018/11/26	06:14:53	6.81	-76.21	1.0	1.3	Frontino - Antioquia
1659	2018/11/26	06:27:11	13.21	-81.18	13.0	2.2	Caribbean Sea
1660	2018/11/26	06:36:14	13.22	-81.26	11.0	4.5	Caribbean Sea
1661	2018/11/26	06:38:03	6.87	-73.41	113.0	1.7	San Vicente de Chucurí - Santander
1662	2018/11/26	06:38:43	6.97	-76.31	6.0	1.6	Dabeiba - Antioquia
1663	2018/11/26	06:43:45	6.91	-74.63	12.0	1.0	Vegachí - Antioquia
1664	2018/11/26	06:43:51	13.27	-81.37	23.0	2.6	Caribbean Sea
1665	2018/11/26	06:53:08	6.33	-73.19	176.0	1.9	Charalá - Santander
1666	2018/11/26	06:54:25	6.8	-73.07	141.0	1.9	Los Santos - Santander
1667	2018/11/26	06:55:33	13.23	-81.24	11.0	3.5	Caribbean Sea
1668	2018/11/26	06:57:26	13.22	-81.29	10.0	2.9	Caribbean Sea

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1669	2018/11/26	07:00:52	13.28	-81.37	21.0	2.1	Mar Caribe
1670	2018/11/26	07:04:14	13.3	-81.11	16.0	2.9	Caribbean Sea
1671	2018/11/26	07:06:31	2.81	-76.3	100.0	1.4	Jambaló - Cauca
1672	2018/11/26	07:12:18	13.34	-81.19	27.0	2.0	Caribbean Sea
1673	2018/11/26	07:20:56	8.02	-73.66	90.0	1.8	Aguachica - Cesar
1674	2018/11/26	07:21:16	5.63	-77.83	42.0	2.4	Océano Pacífico
1675	2018/11/26	07:28:08	6.61	-72.16	31.0	1.9	Guicán - Boyacá
1676	2018/11/26	07:38:53	3.8	-77.16	15.0	1.8	Buenaventura - Valle del Cauca
1677	2018/11/26	07:44:49	6.88	-73.28	123.0	1.6	Betulia - Santander
1678	2018/11/26	07:52:27	3.87	-77.2	35.0	1.5	Buenaventura - Valle del Cauca
1679	2018/11/26	07:52:28	6.81	-73.15	144.0	2.2	Los Santos - Santander
1680	2018/11/26	07:59:24	13.31	-81.12	13.0	3.3	Caribbean Sea
1681	2018/11/26	08:08:22	13.26	-81.2	14.0	3.1	Caribbean Sea
1682	2018/11/26	08:12:41	6.79	-73.16	147.0	2.0	Los Santos - Santander
1683	2018/11/26	08:24:51	13.38	-81.39	30.0	2.8	Caribbean Sea
1684	2018/11/26	08:34:22	6.8	-73.1	147.0	2.0	Los Santos - Santander
1685	2018/11/26	08:36:00	13.41	-81.35	30.0	2.6	Caribbean Sea
1686	2018/11/26	08:55:44	13.28	-81.13	15.0	2.3	Caribbean Sea
1687	2018/11/26	09:02:15	6.82	-73.14	142.0	2.3	Los Santos - Santander
1688	2018/11/26	09:06:04	13.29	-81.09	15.0	3.1	Caribbean Sea
1689	2018/11/26	09:13:13	13.26	-81.11	16.0	4.8	Caribbean Sea
1690	2018/11/26	09:16:15	13.29	-81.1	14.0	3.9	Caribbean Sea
1691	2018/11/26	09:22:20	13.27	-81.09	15.0	2.8	Caribbean Sea
1692	2018/11/26	09:23:23	5.27	-73.78	144.0	1.9	Cucunubá - Cundinamarca
1693	2018/11/26	09:27:10	13.29	-81.11	16.0	3.8	Caribbean Sea
1694	2018/11/26	09:28:38	13.29	-81.09	14.0	3.5	Caribbean Sea
1695	2018/11/26	09:31:17	13.29	-81.14	15.0	2.7	Caribbean Sea
1696	2018/11/26	09:35:47	13.27	-81.1	17.0	2.5	Caribbean Sea
1697	2018/11/26	09:44:10	13.3	-81.11	16.0	3.4	Caribbean Sea
1698	2018/11/26	09:45:15	6.81	-73.15	143.0	2.0	Los Santos - Santander
1699	2018/11/26	09:47:46	13.26	-81.13	12.0	3.7	Caribbean Sea
1700	2018/11/26	09:54:27	13.32	-81.13	4.0	2.3	Caribbean Sea
1701	2018/11/26	09:55:30	13.3	-81.1	17.0	2.4	Caribbean Sea
1702	2018/11/26	09:59:49	13.28	-81.08	16.0	2.5	Caribbean Sea
1703	2018/11/26	10:02:16	5.52	-74.21	40.0	1.0	Quípama - Boyacá
1704	2018/11/26	10:03:48	13.23	-81.26	15.0	2.2	Caribbean Sea
1705	2018/11/26	10:05:54	13.3	-81.1	17.0	2.9	Caribbean Sea
1706	2018/11/26	10:13:24	13.28	-81.08	16.0	3.1	Caribbean Sea
1707	2018/11/26	10:17:50	13.27	-81.14	13.0	3.1	Caribbean Sea
1708	2018/11/26	10:20:26	13.35	-81.14	-0.0	2.6	Caribbean Sea

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1709	2018/11/26	10:22:54	1.6	-76.58	2.0	1.6	Santa Rosa - Cauca
1710	2018/11/26	10:23:37	13.24	-81.09	8.0	2.8	Caribbean Sea
1711	2018/11/26	10:24:28	13.28	-81.23	25.0	3.1	Caribbean Sea
1712	2018/11/26	10:27:29	13.27	-81.11	2.0	2.6	Caribbean Sea
1713	2018/11/26	10:30:28	13.26	-81.11	-1.0	2.4	Caribbean Sea
1714	2018/11/26	10:36:38	13.28	-81.08	0.0	2.4	Caribbean Sea
1715	2018/11/26	10:40:20	13.29	-81.08	16.0	2.8	Caribbean Sea
1716	2018/11/26	10:40:42	6.81	-73.15	139.0	2.0	Los Santos - Santander
1717	2018/11/26	10:41:22	13.48	-81.5	30.0	2.5	Caribbean Sea
1718	2018/11/26	10:52:45	13.32	-81.11	15.0	2.5	Caribbean Sea
1719	2018/11/26	11:13:16	13.26	-81.15	-1.0	2.5	Caribbean Sea
1720	2018/11/26	11:15:06	13.29	-81.1	16.0	2.7	Caribbean Sea
1721	2018/11/26	11:20:52	13.26	-81.09	16.0	2.7	Caribbean Sea
1722	2018/11/26	11:22:43	13.42	-81.21	31.0	2.4	Caribbean Sea
1723	2018/11/26	11:28:40	6.76	-73.21	131.0	1.6	Villanueva - Santander
1724	2018/11/26	11:38:47	6.8	-73.16	146.0	2.1	Los Santos - Santander
1725	2018/11/26	11:43:33	6.79	-73.17	140.0	1.9	Los Santos - Santander
1726	2018/11/26	11:47:38	13.27	-81.1	-2.0	3.4	Caribbean Sea
1727	2018/11/26	11:50:28	13.29	-81.1	17.0	4.3	Caribbean Sea
1728	2018/11/26	11:57:32	13.31	-81.08	17.0	2.4	Caribbean Sea
1729	2018/11/26	12:02:02	13.23	-81.11	15.0	2.7	Caribbean Sea
1730	2018/11/26	12:07:06	13.3	-81.12	16.0	2.4	Caribbean Sea
1731	2018/11/26	12:08:07	13.29	-81.08	-1.0	2.6	Caribbean Sea
1732	2018/11/26	12:12:53	13.38	-81.27	30.0	2.9	Caribbean Sea
1733	2018/11/26	12:16:42	13.32	-81.21	-0.0	2.9	Caribbean Sea
1734	2018/11/26	12:33:31	13.33	-81.13	13.0	3.3	Caribbean Sea
1735	2018/11/26	12:34:14	8.65	-77.4	14.0	2.2	Acandí - Chocó
1736	2018/11/26	12:57:29	13.28	-81.1	15.0	2.3	Caribbean Sea
1737	2018/11/26	13:13:11	6.8	-73.14	146.0	2.0	Los Santos - Santander
1738	2018/11/26	13:13:31	13.29	-81.09	17.0	3.5	Caribbean Sea
1739	2018/11/26	13:23:15	6.75	-73.15	147.0	1.7	Los Santos - Santander
1740	2018/11/26	13:52:19	6.49	-74.26	0.0	1.9	Cimitarra - Santander
1741	2018/11/26	14:19:44	6.81	-73.22	147.0	1.3	Zapatoca - Santander
1742	2018/11/26	14:25:24	6.81	-73.14	140.0	1.4	Los Santos - Santander
1743	2018/11/26	14:35:19	6.11	-76.02	9.0	1.9	Urao - Antioquia
1744	2018/11/26	14:39:01	6.82	-73.15	143.0	2.2	Los Santos - Santander
1745	2018/11/26	15:04:58	6.78	-73.52	105.0	1.4	El Carmen - Santander
1746	2018/11/26	15:09:37	6.81	-73.15	148.0	2.1	Los Santos - Santander
1747	2018/11/26	15:10:57	6.79	-73.16	141.0	2.0	Los Santos - Santander
1748	2018/11/26	15:15:49	3.32	-74.4	18.0	1.9	Uribe - Meta
1749	2018/11/26	15:20:30	13.27	-81.2	16.0	3.1	Caribbean Sea

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1750	2018/11/26	15:42:17	4.0	-71.63	0.0	2.3	Puerto Gaitán - Meta
1751	2018/11/26	15:46:03	13.61	-81.33	42.0	2.9	Caribbean Sea
1752	2018/11/26	15:48:09	3.77	-71.47	1.0	2.0	Puerto Gaitán - Meta
1753	2018/11/26	15:50:05	3.94	-71.43	0.0	1.9	Puerto Gaitán - Meta
1754	2018/11/26	16:08:47	13.25	-81.27	13.0	2.6	Caribbean Sea
1755	2018/11/26	16:21:50	5.06	-75.88	106.0	1.5	Viterbo - Caldas
1756	2018/11/26	16:23:02	13.3	-81.11	14.0	3.0	Caribbean Sea
1757	2018/11/26	16:24:19	6.85	-73.17	147.0	2.2	Zapatoca - Santander
1758	2018/11/26	16:27:42	6.79	-73.16	137.0	1.8	Los Santos - Santander
1759	2018/11/26	16:28:21	13.31	-81.09	15.0	2.4	Mar Caribe
1760	2018/11/26	16:31:36	3.91	-76.27	115.0	1.4	Buga - Valle del Cauca
1761	2018/11/26	16:46:11	6.4	-73.51	113.0	2.1	Santa Helena del Opón - Santander
1762	2018/11/26	17:07:07	13.3	-81.1	20.0	3.1	Caribbean Sea
1763	2018/11/26	17:09:09	13.35	-81.12	22.0	2.8	Mar Caribe
1764	2018/11/26	17:16:55	6.83	-73.4	142.0	1.4	San Vicente de Chucurí - Santander
1765	2018/11/26	17:38:48	6.79	-73.23	144.0	1.5	Zapatoca - Santander
1766	2018/11/26	17:50:20	13.31	-81.11	15.0	2.3	Mar Caribe
1767	2018/11/26	18:01:15	2.39	-75.35	5.0	1.6	Algeciras - Huila
1768	2018/11/26	18:06:04	6.83	-73.2	144.0	1.8	Zapatoca - Santander
1769	2018/11/26	18:17:33	13.28	-81.11	4.0	2.5	Mar Caribe
1770	2018/11/26	18:23:31	13.24	-81.22	13.0	2.5	Mar Caribe
1771	2018/11/26	18:27:40	6.84	-73.17	148.0	1.7	Zapatoca - Santander
1772	2018/11/26	18:27:44	13.38	-81.28	28.0	2.7	Mar Caribe
1773	2018/11/26	18:34:29	13.31	-81.13	16.0	2.7	Mar Caribe
1774	2018/11/26	18:44:24	5.26	-73.74	149.0	1.8	Cucunubá - Cundinamarca
1775	2018/11/26	18:45:55	13.29	-81.14	15.0	2.5	Mar Caribe
1776	2018/11/26	18:49:04	4.41	-76.23	121.0	1.6	Roldanillo - Valle del Cauca
1777	2018/11/26	18:54:10	13.31	-81.15	15.0	2.8	Mar Caribe
1778	2018/11/26	18:57:45	13.29	-81.12	17.0	3.1	Mar Caribe
1779	2018/11/26	19:02:20	6.81	-73.16	150.0	1.9	Los Santos - Santander
1780	2018/11/26	19:04:11	13.3	-81.14	17.0	2.3	Mar Caribe
1781	2018/11/26	19:19:45	6.81	-73.18	144.0	1.9	Los Santos - Santander
1782	2018/11/26	19:26:03	6.81	-73.19	137.0	1.8	Zapatoca - Santander
1783	2018/11/26	19:29:58	2.06	-76.24	0.0	1.3	Saladoblanco - Huila
1784	2018/11/26	19:42:15	13.27	-81.32	22.0	2.6	Mar Caribe
1785	2018/11/26	19:42:33	6.79	-73.17	148.0	1.7	Los Santos - Santander
1786	2018/11/26	19:44:29	13.32	-81.12	16.0	2.2	Mar Caribe
1787	2018/11/26	19:51:08	13.31	-81.14	18.0	2.0	Mar Caribe
1788	2018/11/26	20:07:17	13.31	-81.08	18.0	2.9	Mar Caribe
1789	2018/11/26	20:16:22	13.25	-81.15	16.0	2.2	Mar Caribe
1790	2018/11/26	20:17:54	6.78	-73.14	145.0	1.9	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1791	2018/11/26	22:13:14	13.36	-81.21	27.0	3.1	Mar Caribe
1792	2018/11/26	22:21:12	13.23	-81.27	14.0	3.5	Mar Caribe
1793	2018/11/26	22:23:29	13.36	-81.2	25.0	2.4	Mar Caribe
1794	2018/11/26	22:27:58	3.83	-73.65	2.0	1.4	Castilla la Nueva - Meta
1795	2018/11/26	23:04:21	13.29	-81.13	15.0	2.8	Mar Caribe
1796	2018/11/26	23:08:02	13.27	-81.11	15.0	3.9	Mar Caribe
1797	2018/11/26	23:13:41	13.32	-81.16	15.0	3.2	Mar Caribe
1798	2018/11/26	23:25:07	6.84	-73.17	147.0	2.4	Los Santos - Santander
1799	2018/11/26	23:27:44	13.29	-81.13	15.0	3.2	Mar Caribe
1800	2018/11/26	23:43:27	13.31	-81.18	15.0	2.6	Mar Caribe
1801	2018/11/26	23:45:52	13.29	-81.19	14.0	2.5	Mar Caribe
1802	2018/11/27	00:03:24	13.39	-81.17	28.0	2.4	Mar Caribe
1803	2018/11/27	00:13:39	6.85	-73.22	145.0	1.7	Zapatoca - Santander
1804	2018/11/27	00:34:15	2.59	-76.76	118.0	1.2	Cajibío - Cauca
1805	2018/11/27	00:34:45	6.81	-73.14	151.0	2.2	Los Santos - Santander
1806	2018/11/27	01:11:20	6.79	-73.18	149.0	1.6	Los Santos - Santander
1807	2018/11/27	01:11:21	13.25	-81.18	1.0	2.1	Mar Caribe
1808	2018/11/27	01:17:04	5.24	-73.73	145.0	1.9	Cucunubá - Cundinamarca
1809	2018/11/27	01:17:44	13.26	-81.11	14.0	4.6	Mar Caribe
1810	2018/11/27	01:22:50	13.32	-81.12	18.0	2.4	Mar Caribe
1811	2018/11/27	02:06:25	5.24	-73.87	128.0	1.7	Sutatausa - Cundinamarca
1812	2018/11/27	02:20:36	6.83	-73.16	147.0	2.4	Los Santos - Santander
1813	2018/11/27	02:31:31	4.39	-73.77	-0.0	2.0	El Calvario - Meta
1814	2018/11/27	02:38:49	13.4	-81.22	28.0	2.8	Mar Caribe
1815	2018/11/27	02:42:00	6.78	-73.13	146.0	1.8	Los Santos - Santander
1816	2018/11/27	02:47:41	6.81	-73.15	148.0	2.1	Los Santos - Santander
1817	2018/11/27	03:28:52	13.29	-81.13	15.0	2.4	Mar Caribe
1818	2018/11/27	03:32:24	3.18	-74.65	3.0	1.3	Uribe - Meta
1819	2018/11/27	03:40:06	4.38	-73.68	5.0	1.4	San Juanito - Meta
1820	2018/11/27	03:42:48	7.41	-74.01	24.0	1.5	San Pablo - Bolívar
1821	2018/11/27	03:42:56	13.3	-81.11	-0.0	2.9	Mar Caribe
1822	2018/11/27	04:26:51	13.32	-81.15	23.0	2.7	Mar Caribe
1823	2018/11/27	04:33:43	13.27	-81.14	16.0	2.7	Mar Caribe
1824	2018/11/27	04:36:42	6.15	-73.64	30.0	1.3	La Paz - Santander
1825	2018/11/27	04:51:15	13.29	-81.15	14.0	3.9	Mar Caribe
1826	2018/11/27	04:58:46	3.98	-76.55	30.0	1.8	Calima (El Darién) - Valle del Cauca
1827	2018/11/27	05:18:21	13.28	-81.13	19.0	2.8	Mar Caribe
1828	2018/11/27	05:43:51	3.03	-77.59	60.0	1.3	López - Cauca
1829	2018/11/27	05:44:14	6.8	-73.15	146.0	2.2	Los Santos - Santander
1830	2018/11/27	05:51:00	6.82	-73.19	146.0	2.0	Zapatoca - Santander
1831	2018/11/27	06:20:09	6.8	-73.16	131.0	1.4	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1832	2018/11/27	06:28:14	13.29	-81.13	16.0	2.6	Mar Caribe
1833	2018/11/27	06:28:37	3.84	-77.14	13.0	1.4	Near West Coast of Colombia
1834	2018/11/27	06:42:14	6.82	-73.17	139.0	1.8	Los Santos - Santander
1835	2018/11/27	06:45:33	2.24	-75.52	0.0	0.9	Garzón - Huila
1836	2018/11/27	06:56:39	6.81	-73.19	142.0	1.7	Zapatoca - Santander
1837	2018/11/27	07:24:55	13.22	-81.23	14.0	3.4	Mar Caribe
1838	2018/11/27	07:37:03	13.47	-81.46	32.0	2.7	Mar Caribe
1839	2018/11/27	07:59:05	13.2	-81.3	23.0	2.6	Mar Caribe
1840	2018/11/27	08:15:00	6.81	-73.16	145.0	2.7	Los Santos - Santander
1841	2018/11/27	08:26:53	6.81	-73.19	137.0	1.7	Zapatoca - Santander
1842	2018/11/27	09:13:09	6.77	-73.07	140.0	1.6	Los Santos - Santander
1843	2018/11/27	09:25:48	13.32	-81.23	26.0	3.0	Mar Caribe
1844	2018/11/27	09:53:08	5.59	-74.87	12.0	1.4	Norcasia - Caldas
1845	2018/11/27	10:04:03	7.09	-73.47	97.0	1.8	Betulia - Santander
1846	2018/11/27	10:41:59	6.8	-73.16	131.0	1.8	Los Santos - Santander
1847	2018/11/27	11:03:07	8.02	-73.43	106.0	1.8	San Martín - Cesar
1848	2018/11/27	11:08:02	13.28	-81.12	17.0	2.4	Mar Caribe
1849	2018/11/27	11:12:26	7.5	-75.05	28.0	1.8	Zaragoza - Antioquia
1850	2018/11/27	11:23:30	6.78	-73.14	140.0	1.9	Los Santos - Santander
1851	2018/11/27	11:33:54	3.98	-76.33	129.0	1.9	Yotoco - Valle del Cauca
1852	2018/11/27	11:40:22	3.9	-76.56	120.0	2.5	Calima (El Darién) - Valle del Cauca
1853	2018/11/27	11:42:08	6.81	-73.16	142.0	1.7	Los Santos - Santander
1854	2018/11/27	11:46:52	13.28	-81.18	15.0	2.6	Mar Caribe
1855	2018/11/27	12:08:55	11.9	-72.01	35.0	2.7	Uribia - la Guajira
1856	2018/11/27	12:23:34	13.29	-81.08	14.0	2.4	Mar Caribe
1857	2018/11/27	12:33:51	13.31	-81.15	16.0	2.3	Mar Caribe
1858	2018/11/27	12:52:46	6.66	-73.18	130.0	1.5	Villanueva - Santander
1859	2018/11/27	13:10:55	7.45	-73.17	131.0	3.3	El Playón - Santander
1860	2018/11/27	13:42:02	6.82	-73.21	124.0	1.7	Zapatoca - Santander
1861	2018/11/27	13:50:24	6.81	-73.22	140.0	1.4	Zapatoca - Santander
1862	2018/11/27	14:39:15	6.5	-73.79	87.0	1.2	Landázuri - Santander
1863	2018/11/27	14:43:10	13.3	-81.13	20.0	2.6	Mar Caribe
1864	2018/11/27	15:32:03	13.29	-81.12	15.0	3.0	Mar Caribe
1865	2018/11/27	16:02:19	6.79	-73.16	144.0	1.7	Los Santos - Santander
1866	2018/11/27	16:07:52	6.8	-73.18	143.0	1.3	Los Santos - Santander
1867	2018/11/27	16:27:10	6.81	-73.13	143.0	2.0	Los Santos - Santander
1868	2018/11/27	16:34:44	5.45	-77.7	36.0	2.0	Océano Pacífico
1869	2018/11/27	17:25:40	7.45	-73.37	117.0	1.7	Rionegro - Santander
1870	2018/11/27	17:25:51	5.5	-77.66	35.0	2.1	Océano Pacífico
1871	2018/11/27	17:55:38	13.27	-81.08	0.0	2.7	Mar Caribe
1872	2018/11/27	18:25:20	5.51	-72.66	4.0	2.2	Labranzagrande - Boyacá
1873	2018/11/27	18:32:50	4.32	-76.78	0.0	1.4	El Litoral del San Juan (Docordó) - Chocó

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1874	2018/11/27	18:51:31	4.35	-76.27	123.0	2.0	Bolívar - Valle del Cauca
1875	2018/11/27	19:02:59	6.76	-73.12	146.0	1.7	Los Santos - Santander
1876	2018/11/27	19:17:38	6.81	-73.18	143.0	1.7	Los Santos - Santander
1877	2018/11/27	19:19:17	2.99	-74.74	4.0	1.8	Uribe - Meta
1878	2018/11/27	20:26:53	13.32	-81.11	17.0	2.8	Mar Caribe
1879	2018/11/27	20:49:04	13.32	-81.13	16.0	2.9	Mar Caribe
1880	2018/11/27	21:17:38	6.87	-73.47	132.0	1.4	San Vicente de Chucurí - Santander
1881	2018/11/27	21:39:34	6.83	-73.14	154.0	1.7	Los Santos - Santander
1882	2018/11/27	22:16:10	6.79	-73.18	146.0	1.7	Los Santos - Santander
1883	2018/11/27	22:24:22	3.62	-76.82	3.0	1.3	Dagua - Valle del Cauca
1884	2018/11/27	22:57:40	13.27	-81.14	16.0	3.1	Mar Caribe
1885	2018/11/27	23:20:44	6.84	-73.39	118.0	1.4	San Vicente de Chucurí - Santander
1886	2018/11/27	23:59:19	1.93	-76.0	9.0	1.5	Pitalito - Huila
1887	2018/11/28	00:13:01	6.9	-73.15	148.0	1.6	Girón - Santander
1888	2018/11/28	00:17:31	4.85	-76.4	94.0	1.7	San José del Palmar - Chocó
1889	2018/11/28	00:37:52	3.91	-76.3	122.0	1.3	Buga - Valle del Cauca
1890	2018/11/28	00:43:20	6.84	-73.15	148.0	1.9	Los Santos - Santander
1891	2018/11/28	00:52:17	6.71	-73.13	146.0	1.4	Jordán - Santander
1892	2018/11/28	00:57:08	6.88	-76.66	5.0	1.7	Murindó - Antioquia
1893	2018/11/28	01:03:51	6.72	-73.17	156.0	1.6	Villanueva - Santander
1894	2018/11/28	01:19:25	10.42	-73.65	73.0	1.7	Pueblo Bello - Cesar
1895	2018/11/28	01:24:15	6.01	-73.79	107.0	1.3	Bolívar - Santander
1896	2018/11/28	01:41:54	5.74	-78.24	32.0	2.8	Océano Pacífico
1897	2018/11/28	01:45:34	6.8	-73.14	143.0	1.8	Los Santos - Santander
1898	2018/11/28	02:06:01	13.21	-81.16	15.0	2.7	Mar Caribe
1899	2018/11/28	02:30:49	7.32	-74.0	26.0	1.5	Cantagallo - Bolívar
1900	2018/11/28	03:00:06	6.81	-73.13	146.0	2.2	Los Santos - Santander
1901	2018/11/28	03:24:34	13.21	-81.22	8.0	3.2	Mar Caribe
1902	2018/11/28	03:39:13	6.49	-73.38	126.0	1.7	Simacota - Santander
1903	2018/11/28	04:07:52	9.48	-73.48	25.0	0.9	Chiriguana - Cesar
1904	2018/11/28	04:25:48	6.83	-73.16	146.0	1.9	Los Santos - Santander
1905	2018/11/28	05:12:35	4.7	-76.14	60.0	1.4	Argelia - Valle del Cauca
1906	2018/11/28	05:46:03	5.26	-73.78	143.0	1.6	Cucunubá - Cundinamarca
1907	2018/11/28	06:19:23	13.53	-81.47	28.0	2.7	Mar Caribe
1908	2018/11/28	06:25:40	6.78	-73.19	141.0	1.4	Los Santos - Santander
1909	2018/11/28	06:29:27	13.34	-81.5	24.0	2.3	Mar Caribe
1910	2018/11/28	06:30:13	5.18	-77.76	38.0	1.6	Océano Pacífico
1911	2018/11/28	06:35:28	13.2	-81.35	10.0	2.8	Mar Caribe
1912	2018/11/28	06:55:44	13.31	-81.12	16.0	2.5	Mar Caribe
1913	2018/11/28	07:05:15	6.81	-73.18	144.0	1.4	Los Santos - Santander
1914	2018/11/28	07:37:45	4.61	-75.01	31.0	0.8	Alvarado - Tolima
1915	2018/11/28	07:46:04	6.78	-73.16	146.0	1.4	Los Santos - Santander
1916	2018/11/28	07:50:18	13.2	-81.37	17.0	2.4	Mar Caribe

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1917	2018/11/28	07:54:30	6.74	-73.19	134.0	1.3	Villanueva - Santander
1918	2018/11/28	07:57:34	13.28	-81.19	20.0	2.5	Mar Caribe
1919	2018/11/28	08:07:34	1.87	-76.06	15.0	0.6	Pitalito - Huila
1920	2018/11/28	08:21:09	3.5	-76.71	105.0	1.5	Dagua - Valle del Cauca
1921	2018/11/28	08:33:18	6.77	-73.46	155.0	1.2	San Vicente de Chucurí - Santander
1922	2018/11/28	08:45:39	6.83	-73.15	145.0	1.8	Los Santos - Santander
1923	2018/11/28	08:46:29	4.03	-76.43	130.0	0.9	Calima (El Darién) - Valle del Cauca
1924	2018/11/28	09:21:07	1.81	-77.15	19.0	1.0	Mercaderes - Cauca
1925	2018/11/28	09:25:09	2.72	-76.75	26.0	0.6	Cajibío - Cauca
1926	2018/11/28	09:27:23	5.12	-76.52	85.0	1.6	Condoto - Chocó
1927	2018/11/28	09:28:43	6.79	-73.19	137.0	1.5	Los Santos - Santander
1928	2018/11/28	09:42:28	5.76	-78.21	40.0	2.8	Océano Pacífico
1929	2018/11/28	09:47:07	6.79	-73.18	149.0	1.5	Los Santos - Santander
1930	2018/11/28	10:03:38	13.31	-81.35	14.0	2.8	Mar Caribe
1931	2018/11/28	10:07:01	6.86	-73.19	147.0	1.8	Zapatoca - Santander
1932	2018/11/28	10:07:17	6.79	-73.17	142.0	1.6	Los Santos - Santander
1933	2018/11/28	10:25:07	6.77	-73.13	146.0	1.4	Los Santos - Santander
1934	2018/11/28	10:38:18	6.82	-73.16	147.0	2.1	Los Santos - Santander
1935	2018/11/28	10:43:50	13.26	-81.18	16.0	3.6	Mar Caribe
1936	2018/11/28	10:52:54	13.27	-81.36	20.0	3.1	Mar Caribe
1937	2018/11/28	11:05:39	2.29	-75.61	66.0	1.5	Garzón - Huila
1938	2018/11/28	11:28:11	1.86	-77.22	33.0	1.1	Mercaderes - Cauca
1939	2018/11/28	11:43:44	6.82	-73.16	145.0	1.6	Los Santos - Santander
1940	2018/11/28	12:10:15	6.79	-73.2	144.0	1.3	Zapatoca - Santander
1941	2018/11/28	12:16:53	13.29	-81.14	15.0	2.9	Mar Caribe
1942	2018/11/28	14:20:43	13.29	-81.21	25.0	2.7	Mar Caribe
1943	2018/11/28	14:54:48	6.78	-73.18	140.0	1.6	Los Santos - Santander
1944	2018/11/28	14:56:28	5.28	-73.73	142.0	1.8	Lenguazaque - Cundinamarca
1945	2018/11/28	15:37:16	13.29	-81.21	14.0	3.0	Mar Caribe
1946	2018/11/28	15:55:57	4.63	-73.05	18.0	2.5	Barranca de Upía - Meta
1947	2018/11/28	16:02:59	13.3	-81.15	14.0	3.4	Mar Caribe
1948	2018/11/28	16:09:21	6.78	-73.16	133.0	1.5	Los Santos - Santander
1949	2018/11/28	16:12:37	5.76	-78.21	31.0	2.6	Océano Pacífico
1950	2018/11/28	16:21:16	2.85	-79.22	18.0	2.0	Océano Pacífico
1951	2018/11/28	16:25:48	1.82	-77.18	20.0	1.4	Mercaderes - Cauca
1952	2018/11/28	16:26:46	6.76	-73.13	144.0	2.0	Los Santos - Santander
1953	2018/11/28	17:13:05	6.77	-73.05	143.0	1.7	Los Santos - Santander
1954	2018/11/28	17:40:45	6.41	-74.41	23.0	1.6	Puerto Berrío - Antioquia
1955	2018/11/28	18:23:52	6.9	-74.73	15.0	1.6	Remedios - Antioquia
1956	2018/11/28	18:26:05	7.94	-72.94	161.0	1.8	Villa Caro - Norte de Santander
1957	2018/11/28	18:31:20	6.82	-73.22	141.0	1.8	Zapatoca - Santander
1958	2018/11/28	19:12:52	6.83	-73.17	145.0	1.7	Los Santos - Santander
1959	2018/11/28	19:28:11	6.79	-73.18	146.0	1.7	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
1960	2018/11/28	19:28:36	3.59	-76.33	5.0	1.4	Palmira - Valle del Cauca
1961	2018/11/28	19:49:21	3.56	-74.48	12.0	2.5	Uribe - Meta
1962	2018/11/28	20:13:39	6.61	-73.48	115.0	1.8	El Carmen - Santander
1963	2018/11/28	20:27:24	6.8	-73.17	144.0	2.0	Los Santos - Santander
1964	2018/11/28	21:11:44	6.8	-73.16	147.0	2.9	Los Santos - Santander
1965	2018/11/28	21:49:59	6.83	-73.17	143.0	1.8	Los Santos - Santander
1966	2018/11/28	22:02:27	5.87	-74.88	5.0	1.4	San Francisco - Antioquia
1967	2018/11/28	22:32:01	4.68	-74.31	4.0	1.1	Bojacá - Cundinamarca
1968	2018/11/28	23:50:26	6.85	-73.29	119.0	2.5	Zapatoca - Santander
1969	2018/11/28	23:51:12	6.8	-73.11	141.0	2.8	Los Santos - Santander
1970	2018/11/29	01:08:55	9.95	-73.56	87.0	1.6	San Diego - Cesar
1971	2018/11/29	01:09:27	6.8	-73.15	143.0	1.8	Los Santos - Santander
1972	2018/11/29	01:24:33	6.8	-73.18	146.0	1.9	Los Santos - Santander
1973	2018/11/29	01:47:30	2.05	-77.22	115.0	1.1	Balboa - Cauca
1974	2018/11/29	02:03:57	6.82	-73.15	145.0	1.8	Los Santos - Santander
1975	2018/11/29	02:09:40	6.83	-73.14	144.0	2.4	Los Santos - Santander
1976	2018/11/29	02:12:52	13.31	-81.2	22.0	2.4	Mar Caribe
1977	2018/11/29	02:34:30	4.61	-74.94	29.0	1.1	Alvarado - Tolima
1978	2018/11/29	02:39:03	13.33	-81.16	24.0	2.3	Mar Caribe
1979	2018/11/29	02:40:39	7.14	-76.07	-0.0	1.3	Dabeiba - Antioquia
1980	2018/11/29	02:41:20	13.26	-81.13	0.0	2.3	Mar Caribe
1981	2018/11/29	02:51:03	4.78	-76.19	101.0	1.6	El Cairo - Valle del Cauca
1982	2018/11/29	02:51:50	3.55	-74.47	2.0	2.2	Uribe - Meta
1983	2018/11/29	03:03:41	6.91	-73.19	142.0	1.6	Girón - Santander
1984	2018/11/29	03:12:36	13.37	-81.2	26.0	2.1	Mar Caribe
1985	2018/11/29	03:17:04	3.65	-78.96	38.0	2.7	Océano Pacífico
1986	2018/11/29	03:22:35	3.2	-76.52	111.0	1.5	Jamundí - Valle del Cauca
1987	2018/11/29	03:30:41	3.74	-76.9	40.0	1.3	Buenaventura - Valle del Cauca
1988	2018/11/29	03:33:54	6.81	-73.15	146.0	1.5	Los Santos - Santander
1989	2018/11/29	03:44:45	3.58	-74.43	4.0	1.1	Uribe - Meta
1990	2018/11/29	04:03:28	6.83	-73.18	136.0	1.8	Zapatoca - Santander
1991	2018/11/29	04:05:49	13.4	-81.44	30.0	2.2	Mar Caribe
1992	2018/11/29	04:20:45	6.79	-73.16	133.0	1.7	Los Santos - Santander
1993	2018/11/29	04:29:03	13.33	-81.1	17.0	2.0	Mar Caribe
1994	2018/11/29	04:42:37	13.29	-81.13	15.0	2.9	Mar Caribe
1995	2018/11/29	04:49:30	13.24	-81.26	16.0	4.5	Mar Caribe
1996	2018/11/29	04:59:41	6.82	-73.14	150.0	2.8	Los Santos - Santander
1997	2018/11/29	05:08:45	13.25	-81.29	4.0	2.0	Mar Caribe
1998	2018/11/29	05:13:13	6.82	-73.17	147.0	2.3	Los Santos - Santander
1999	2018/11/29	05:20:53	6.78	-73.18	139.0	1.6	Los Santos - Santander
2000	2018/11/29	05:27:11	7.49	-75.69	80.0	1.4	Tarazá - Antioquia
2001	2018/11/29	05:31:56	6.84	-73.15	148.0	4.5	Los Santos - Santander
2002	2018/11/29	05:58:56	13.3	-81.14	15.0	2.1	Mar Caribe

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
2003	2018/11/29	06:38:03	3.71	-76.9	27.0	1.0	Buenaventura - Valle del Cauca
2004	2018/11/29	06:47:48	8.18	-72.4	93.0	1.5	Cúcuta - Norte de Santander
2005	2018/11/29	06:55:11	6.8	-73.18	141.0	1.7	Los Santos - Santander
2006	2018/11/29	06:58:11	6.87	-73.26	122.0	1.6	Zapatoca - Santander
2007	2018/11/29	07:04:37	6.79	-73.17	144.0	2.5	Los Santos - Santander
2008	2018/11/29	07:49:41	13.32	-81.22	22.0	2.7	Mar Caribe
2009	2018/11/29	07:53:23	6.83	-73.17	148.0	2.3	Los Santos - Santander
2010	2018/11/29	08:09:54	5.98	-74.23	20.0	1.6	Bolívar - Santander
2011	2018/11/29	08:34:38	6.76	-73.29	143.0	1.6	Zapatoca - Santander
2012	2018/11/29	08:55:17	2.05	-76.2	3.0	0.8	Saladoblanco - Huila
2013	2018/11/29	08:59:46	4.0	-76.89	20.0	1.4	Buenaventura - Valle del Cauca
2014	2018/11/29	09:15:00	5.25	-73.76	141.0	1.8	Cucunubá - Cundinamarca
2015	2018/11/29	09:16:27	2.46	-77.09	80.0	0.9	El Tambo - Cauca
2016	2018/11/29	09:58:38	6.82	-73.16	145.0	2.2	Los Santos - Santander
2017	2018/11/29	10:22:06	6.78	-73.1	138.0	1.8	Los Santos - Santander
2018	2018/11/29	10:31:37	4.86	-76.23	73.0	1.7	San José del Palmar - Chocó
2019	2018/11/29	10:56:18	1.9	-76.05	14.0	1.7	Pitalito - Huila
2020	2018/11/29	11:04:20	5.74	-73.93	105.0	1.9	Albania - Santander
2021	2018/11/29	12:00:40	6.71	-73.44	118.0	1.4	El Carmen - Santander
2022	2018/11/29	12:23:46	4.84	-78.49	25.0	2.0	Océano Pacífico
2023	2018/11/29	12:35:59	7.49	-74.64	47.0	1.5	El Bagre - Antioquia
2024	2018/11/29	13:00:13	13.29	-81.2	2.0	2.1	Mar Caribe
2025	2018/11/29	13:44:04	13.27	-81.13	13.0	3.3	Mar Caribe
2026	2018/11/29	13:51:24	6.79	-72.94	159.0	2.0	Cepitá - Santander
2027	2018/11/29	14:08:38	6.79	-73.17	144.0	1.8	Los Santos - Santander
2028	2018/11/29	14:46:59	6.17	-74.49	5.0	1.8	Puerto Boyacá - Boyacá
2029	2018/11/29	15:12:51	6.83	-73.16	149.0	2.5	Los Santos - Santander
2030	2018/11/29	16:43:59	6.87	-73.35	110.0	1.4	San Vicente de Chucurí - Santander
2031	2018/11/29	17:31:25	5.43	-73.78	138.0	2.0	Fúquene - Cundinamarca
2032	2018/11/29	17:50:16	6.8	-73.18	144.0	1.8	Los Santos - Santander
2033	2018/11/29	17:58:54	13.25	-81.2	14.0	3.9	Mar Caribe
2034	2018/11/29	18:14:10	6.8	-73.17	142.0	1.9	Los Santos - Santander
2035	2018/11/29	18:46:28	6.83	-73.18	141.0	2.2	Los Santos - Santander
2036	2018/11/29	19:58:54	6.79	-73.14	144.0	1.7	Los Santos - Santander
2037	2018/11/29	20:52:51	7.72	-73.75	39.0	1.5	Rionegro - Santander
2038	2018/11/29	21:42:14	6.01	-73.57	112.0	1.6	San José de Pare - Boyacá
2039	2018/11/29	22:30:21	6.79	-73.18	148.0	1.5	Los Santos - Santander
2040	2018/11/29	22:40:05	5.42	-78.06	38.0	2.0	Océano Pacífico
2041	2018/11/29	22:59:18	11.13	-72.74	-1.0	1.5	Hato Nuevo - la Guajira
2042	2018/11/29	23:27:20	4.73	-76.74	3.0	1.5	Sipí - Chocó
2043	2018/11/30	00:21:56	5.82	-74.78	1.0	1.5	Sonsón - Antioquia
2044	2018/11/30	00:46:16	7.63	-73.79	21.0	1.4	Puerto Wilches - Santander
2045	2018/11/30	01:28:18	7.14	-76.03	23.0	1.6	Dabeiba - Antioquia
2046	2018/11/30	01:44:53	6.79	-73.14	139.0	1.6	Los Santos - Santander

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
2047	2018/11/30	02:05:03	6.83	-73.16	145.0	1.9	Los Santos - Santander
2048	2018/11/30	02:12:46	6.59	-73.76	90.0	1.4	Simacota - Santander
2049	2018/11/30	02:15:51	2.68	-76.82	113.0	1.3	Cajibío - Cauca
2050	2018/11/30	02:24:05	9.96	-73.1	1.0	1.6	Agustín Codazzi - Cesar
2051	2018/11/30	02:25:50	8.27	-72.59	0.0	1.8	El Zulia - Norte de Santander
2052	2018/11/30	02:35:06	6.84	-73.19	144.0	1.8	Zapatoca - Santander
2053	2018/11/30	02:50:24	11.08	-73.3	51.0	1.8	Dibulla - la Guajira
2054	2018/11/30	03:13:50	7.8	-73.17	104.0	1.8	Ábrego - Norte de Santander
2055	2018/11/30	03:15:05	6.56	-73.77	81.0	1.5	Puerto Parra - Santander
2056	2018/11/30	03:24:44	6.74	-73.53	103.0	1.8	El Carmen - Santander
2057	2018/11/30	04:08:33	1.88	-76.09	8.0	0.6	Pitalito - Huila
2058	2018/11/30	04:35:23	6.77	-73.16	141.0	1.8	Los Santos - Santander
2059	2018/11/30	04:46:48	6.81	-73.19	141.0	1.6	Zapatoca - Santander
2060	2018/11/30	05:00:37	6.77	-73.16	137.0	1.5	Los Santos - Santander
2061	2018/11/30	05:04:46	3.97	-76.32	120.0	1.6	Buga - Valle del Cauca
2062	2018/11/30	05:41:14	6.78	-73.16	146.0	2.2	Los Santos - Santander
2063	2018/11/30	05:43:55	10.09	-73.28	114.0	2.0	La Paz - Cesar
2064	2018/11/30	06:10:54	13.29	-81.09	15.0	2.6	Mar Caribe
2065	2018/11/30	06:12:42	6.99	-74.08	4.0	1.3	Yondó (Casabe) - Antioquia
2066	2018/11/30	06:34:20	3.45	-76.42	66.0	1.1	Candelaria - Valle del Cauca
2067	2018/11/30	06:54:32	6.82	-73.14	142.0	2.4	Los Santos - Santander
2068	2018/11/30	06:56:21	6.81	-73.15	140.0	2.6	Los Santos - Santander
2069	2018/11/30	07:10:03	13.3	-81.09	1.0	2.2	Mar Caribe
2070	2018/11/30	07:24:36	2.35	-75.55	38.0	1.3	Gigante - Huila
2071	2018/11/30	07:29:02	13.31	-81.09	16.0	2.4	Mar Caribe
2072	2018/11/30	07:30:31	13.32	-81.09	18.0	3.9	Mar Caribe
2073	2018/11/30	07:43:10	6.81	-73.15	145.0	3.6	Los Santos - Santander
2074	2018/11/30	07:46:42	6.83	-73.16	149.0	3.9	Los Santos - Santander
2075	2018/11/30	08:05:02	4.89	-72.74	0.0	1.7	Tauramena - Casanare
2076	2018/11/30	08:09:28	6.8	-73.17	134.0	1.8	Los Santos - Santander
2077	2018/11/30	08:21:08	6.82	-73.17	145.0	1.9	Los Santos - Santander
2078	2018/11/30	08:33:42	9.99	-73.34	109.0	1.5	Agustín Codazzi - Cesar
2079	2018/11/30	08:50:26	6.81	-73.22	139.0	1.6	Zapatoca - Santander
2080	2018/11/30	09:04:13	6.98	-73.25	136.0	1.7	Girón - Santander
2081	2018/11/30	09:27:11	6.76	-73.19	139.0	1.7	Los Santos - Santander
2082	2018/11/30	09:33:26	6.66	-73.08	171.0	2.1	Curití - Santander
2083	2018/11/30	09:48:28	11.01	-73.57	27.0	1.7	Dibulla - la Guajira
2084	2018/11/30	10:01:30	6.77	-73.12	145.0	1.8	Los Santos - Santander
2085	2018/11/30	10:33:26	6.81	-73.18	134.0	1.8	Los Santos - Santander
2086	2018/11/30	10:35:35	9.09	-74.03	4.0	1.6	El Banco - Magdalena
2087	2018/11/30	10:44:29	6.83	-73.17	134.0	1.8	Los Santos - Santander
2088	2018/11/30	11:51:26	7.55	-73.4	108.0	1.8	Rionegro - Santander
2089	2018/11/30	12:00:18	6.83	-73.18	138.0	1.8	Zapatoca - Santander
2090	2018/11/30	12:12:21	6.85	-73.19	136.0	1.7	Zapatoca - Santander
2091	2018/11/30	12:24:51	7.19	-76.24	24.0	1.5	Ituango - Antioquia

N	FECHA	H:M:S	LAT	LON	Z	M	UBICACION
2092	2018/11/30	12:50:15	13.37	-81.23	26.0	2.8	Mar Caribe
2093	2018/11/30	13:12:23	6.9	-73.59	86.0	1.5	San Vicente de Chucurí - Santander
2094	2018/11/30	14:59:59	5.41	-73.71	147.0	1.8	Guachetá - Cundinamarca
2095	2018/11/30	15:05:47	6.8	-73.17	140.0	1.5	Los Santos - Santander
2096	2018/11/30	16:11:52	2.03	-75.78	13.0	1.2	Altamira - Huila
2097	2018/11/30	16:25:31	6.02	-73.67	116.0	1.7	Vélez - Santander
2098	2018/11/30	16:54:08	13.26	-81.17	17.0	3.4	Mar Caribe
2099	2018/11/30	18:26:11	13.31	-81.13	16.0	3.4	Mar Caribe
2100	2018/11/30	20:15:05	5.0	-75.15	15.0	1.1	Villahermosa - Tolima
2101	2018/11/30	20:19:06	13.21	-81.27	-0.0	2.8	Mar Caribe
2102	2018/11/30	21:02:58	6.79	-73.17	148.0	1.8	Los Santos - Santander
2103	2018/11/30	22:17:01	4.76	-76.22	105.0	1.6	El Cairo - Valle del Cauca
2104	2018/11/30	22:33:59	13.3	-81.23	23.0	2.8	Mar Caribe
2105	2018/11/30	22:41:16	3.91	-76.24	46.0	1.3	Buga - Valle del Cauca
2106	2018/11/30	22:59:05	11.24	-72.88	9.0	1.6	Riohacha - la Guajira
2107	2018/11/30	23:11:23	4.41	-75.25	19.0	1.3	Ibagué - Tolima
2108	2018/11/30	23:12:57	6.79	-73.18	146.0	2.0	Los Santos - Santander
2109	2018/11/30	23:31:58	6.81	-73.19	145.0	1.6	Zapatoca - Santander
2110	2018/11/30	23:37:22	6.81	-73.19	142.0	1.5	Zapatoca - Santander
2111	2018/11/30	23:55:15	6.84	-73.32	126.0	1.5	Zapatoca - Santander

Tabla 3.2: Eventos durante noviembre de 2018

3.4 Mapa de sismicidad mensual noviembre de 2018

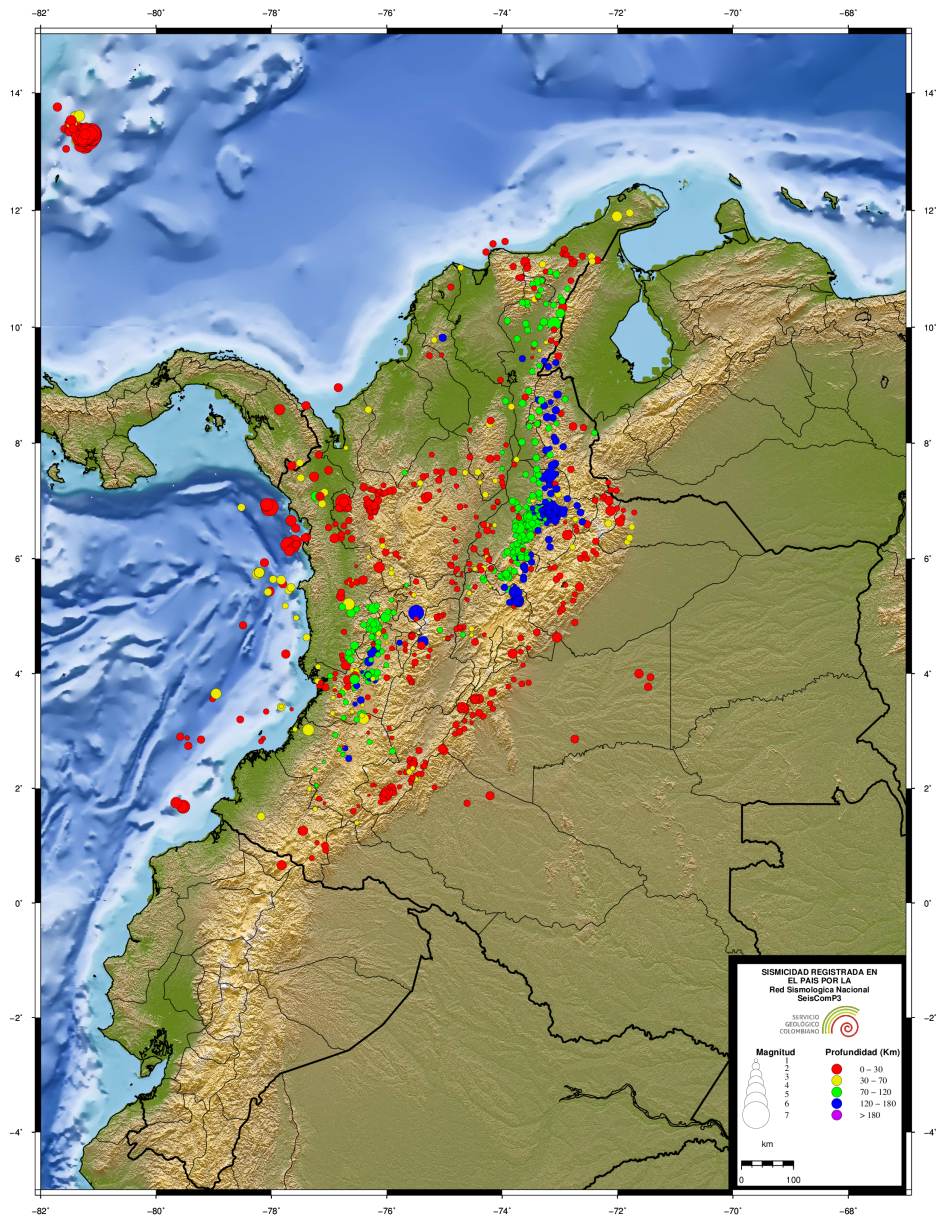


Figura 3.2: Eventos durante noviembre de 2018

4

ESTADÍSTICAS DE LA SISMICIDAD MENSUAL

4.1 Errores

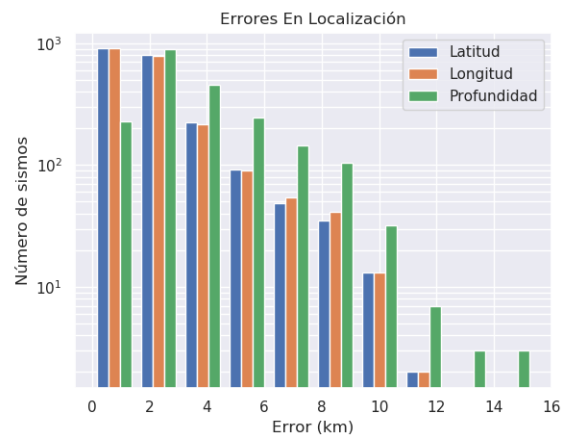


Figura 4.1: Error en latitud, longitud y profundidad (km)

4.2 No. de Sismos

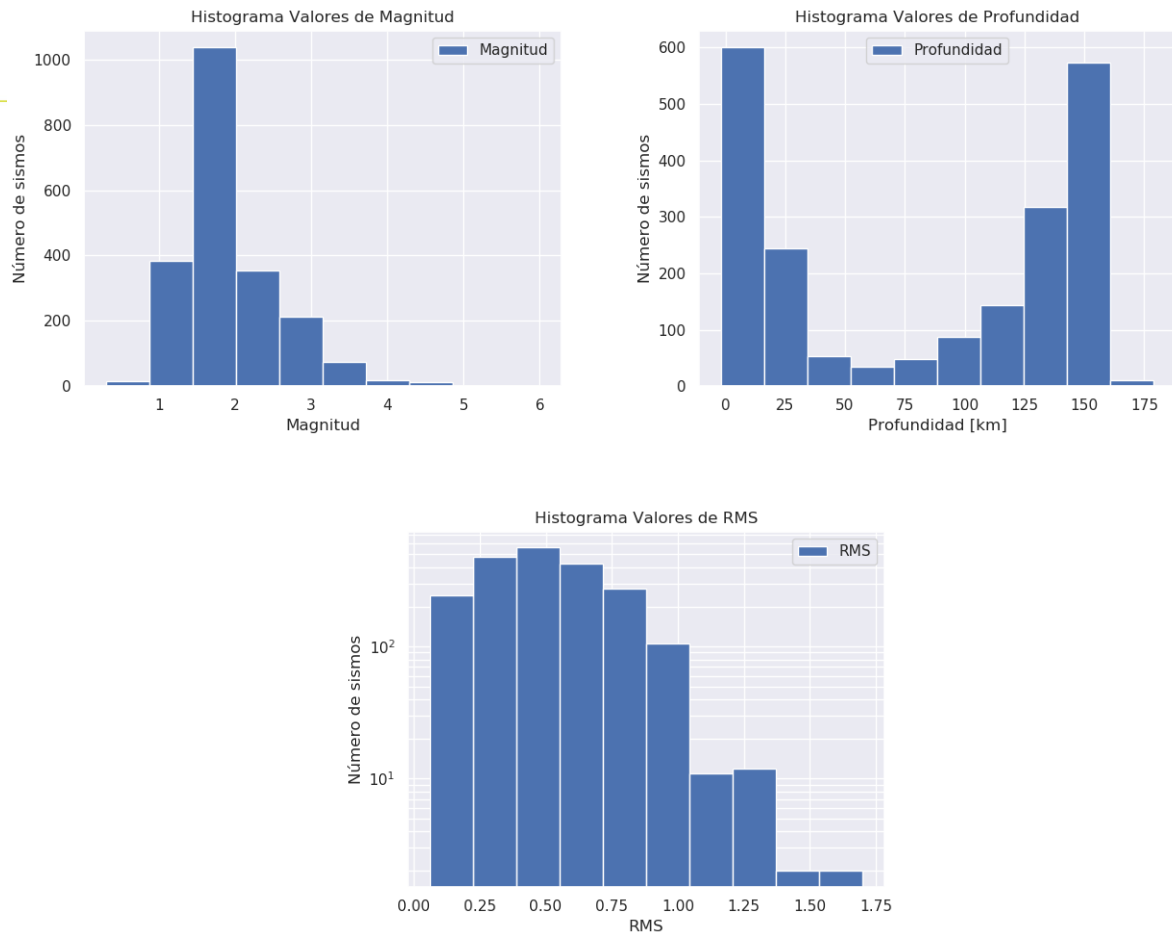


Figura 4.2: No de eventos por magnitud, profundidad y rms

4.3 Evolución Temporal

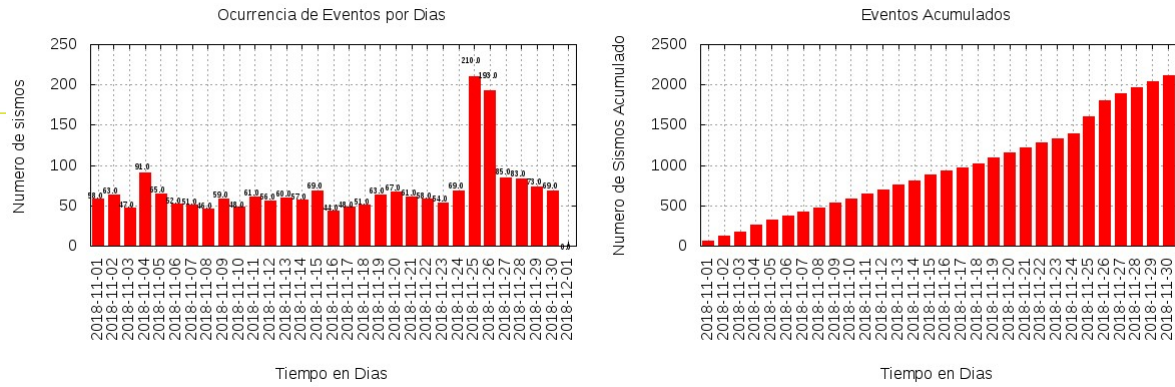
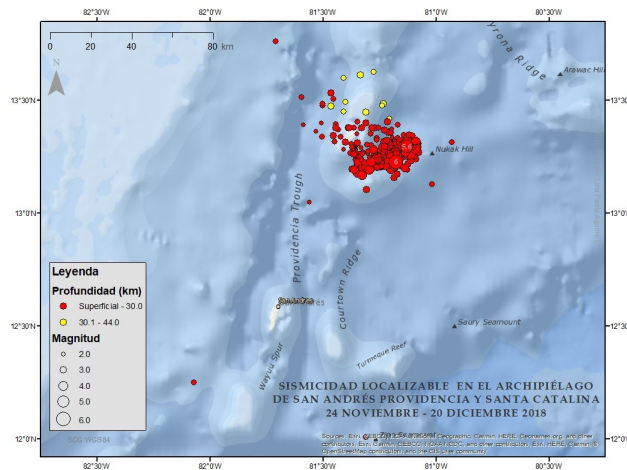


Figura 4.3: No de eventos por días y acumulado por días

5

SISMICIDAD ESPECIAL

El 24 de noviembre de 2018 a las 10:40:50 hora local, se presentó un sismo importante de magnitud Mw 6.0 con epicentro en el Mar Caribe, cerca la Isla de Providencia, Archipiélago de San Andrés Providencia y Santa Catalina, el cual fue ampliamente sentido en la Isla de Providencia y en la Isla de San Andrés. Previamente al evento de mayor magnitud, se presentó un sismo de magnitudes importantes Mw 5.7 y posteriormente, se desencadenó una secuencia de sismos de los cuales se localizaron trescientos noventa(390)en el mes de noviembre