

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

August 27, 2020

Cockpit Display

Factual Report
By Doug Brazy

1. EVENT SUMMARY

Location: New Salem, North Carolina
Date: October 17, 2019
Aircraft: Bell 206B
Registration: N167AG
Operator: Vertical Flight Technologies
NTSB Number: ERA20FA012

2. DETAILS OF INVESTIGATION

The following device was downloaded:

Device: AGNAV GUIA Platinum P771
Serial Number: 771190011

2.1. Data Recovery

The device was largely undamaged and was downloaded normally using the manufacturer's software. Figure 1 shows the front and rear of the device.

Figure 1. Photos of AGNAV GUIA



2.2. Data Description

The data extracted included GPS parameters (time latitude, longitude, altitude, groundspeed) and spray on/off engine, flight, and system parameters from October 5, 2019 through October 17, 2019. The accident flight began on October 17, 2019 at 18:48:59¹ and the recorded data ended at 19:37:36. The last position recorded was in the vicinity of the accident location, about 1 minute prior to the reported accident time.

2.3. GRAPHICAL AND TABULAR DATA

Graphical and tabular data for the accident flight are included as Attachments 1 and 2. These attachments are provided in electronic format. The time of day parameter is labeled as “Local Time”, in the attachments, however the time values reflect UTC time.

¹ All dates and times are referenced to Coordinated Universal Time (UTC).

Date	TIME KML	local	TIME GPS	LAT	LON	UTMX	UTMY	ALTft	SPRY	LIN	XTft	SPmph	HEAD
10/17/2019	19:05:24	05:24.4	68724.4	35.150291	-80.36356	557970.3	3889895.2	463	0	1	-269	1.2	152
10/17/2019	19:05:38	05:37.6	68737.6	35.150291	-80.36356	557970.2	3889895.3	459	0	1	-269	0.7	152
10/17/2019	19:05:44	05:43.6	68743.6	35.150291	-80.363555	557970.7	3889895.3	459	0	1	-266	0.7	152
10/17/2019	19:06:30	06:30.4	68790.4	35.150291	-80.363546	557971.5	3889895.2	463	0	1	-266	0.9	152
10/17/2019	19:09:06	09:06.4	68946.4	35.150298	-80.363551	557971	3889896	459	0	1	-266	0.9	152
10/17/2019	19:09:12	09:12.4	68952.4	35.150298	-80.363551	557971	3889896	459	0	1	-266	0.7	152
10/17/2019	19:09:36	09:36.4	68976.4	35.150294	-80.363551	557971	3889895.6	459	0	1	-266	0.7	152
10/17/2019	19:09:54	09:54.2	68994.2	35.150294	-80.363553	557970.8	3889895.6	459	0	1	-266	0.7	152
10/17/2019	19:10:01	10:00.8	69000.8	35.150291	-80.363553	557970.8	3889895.2	459	0	1	-266	0.9	152
10/17/2019	19:10:13	10:12.8	69012.8	35.150291	-80.363553	557970.8	3889895.3	459	0	1	-266	0.6	152
10/17/2019	19:10:19	10:19.4	69019.4	35.150289	-80.363553	557970.8	3889895.1	459	0	1	-266	0.7	152
10/17/2019	19:10:30	10:30.4	69030.4	35.150291	-80.363553	557970.8	3889895.2	459	0	1	-266	0.8	152
10/17/2019	19:11:00	11:00.2	69060.2	35.150293	-80.363556	557970.5	3889895.4	459	0	1	-266	0.6	152
10/17/2019	19:11:01	11:00.6	69060.6	35.150291	-80.363555	557970.7	3889895.3	459	0	1	-266	0.7	152
10/17/2019	19:11:12	11:12.4	69072.4	35.150293	-80.363555	557970.7	3889895.4	459	0	1	-266	0.7	152
10/17/2019	19:11:14	11:13.6	69073.6	35.150291	-80.363555	557970.7	3889895.2	459	0	1	-266	0.7	152
10/17/2019	19:11:30	11:30.4	69090.4	35.150289	-80.363556	557970.5	3889895.1	459	0	1	-269	0.7	152
10/17/2019	19:11:48	11:48.4	69108.4	35.150291	-80.363555	557970.7	3889895.2	459	0	1	-266	0.7	152
10/17/2019	19:12:37	12:37.4	69157.4	35.150291	-80.363553	557970.8	3889895.3	459	0	1	-266	0.7	152
10/17/2019	19:12:42	12:42.2	69162.2	35.150291	-80.363553	557970.8	3889895.3	459	0	1	-266	0.7	152
10/17/2019	19:15:30	15:30.4	69330.4	35.150294	-80.363555	557970.7	3889895.6	459	0	1	-266	0.6	152
10/17/2019	19:15:48	15:48.4	69348.4	35.150294	-80.363556	557970.5	3889895.6	459	0	1	-266	0.9	152
10/17/2019	19:16:00	16:00.4	69360.4	35.150294	-80.363556	557970.5	3889895.6	459	0	1	-266	0.7	152
10/17/2019	19:16:07	16:06.8	69366.8	35.150294	-80.363555	557970.7	3889895.6	459	0	1	-266	0.6	152
10/17/2019	19:18:30	18:30.4	69510.4	35.150289	-80.363553	557970.8	3889895.1	456	0	1	-266	0.7	152
10/17/2019	19:26:00	26:00.4	69960.4	35.150296	-80.363555	557970.7	3889895.8	459	0	1	-266	0.6	152
10/17/2019	19:26:06	26:06.4	69966.4	35.150296	-80.363555	557970.7	3889895.8	459	0	1	-266	0.7	152
10/17/2019	19:34:21	34:20.8	70460.8	35.150289	-80.363553	557970.8	3889895.1	459	0	1	-266	0.7	152
10/17/2019	19:34:21	34:21.2	70461.2	35.150288	-80.363555	557970.5	3889894.7	459	0	1	-269	1.6	197
10/17/2019	19:34:22	34:21.6	70461.6	35.150284	-80.363556	557970.3	3889894.3	463	0	1	-269	2.2	204
10/17/2019	19:34:22	34:21.8	70461.8	35.150283	-80.363558	557970.1	3889894	463	0	1	-269	2.7	204
10/17/2019	19:34:22	34:22.2	70462.2	35.150278	-80.363561	557969.7	3889893.3	463	0	1	-272	3.6	208
10/17/2019	19:34:23	34:22.6	70462.6	35.150271	-80.363566	557969.2	3889892.5	466	0	1	-276	4.1	214

10/17/2019	19:34:23	34:23.0	70463	35.150266	-80.363571	557968.6	3889891.9	469	0	1	-279	4.9	215
10/17/2019	19:34:23	34:23.4	70463.4	35.150258	-80.363578	557967.9	3889890.8	469	0	1	-282	5.7	215
10/17/2019	19:34:24	34:23.8	70463.8	35.150249	-80.363586	557967.1	3889889.8	472	0	1	-285	6.5	212
10/17/2019	19:34:24	34:24.2	70464.2	35.150239	-80.363593	557966.4	3889888.5	476	0	1	-289	7.7	212
10/17/2019	19:34:25	34:24.6	70464.6	35.150228	-80.363603	557965.4	3889887	479	0	1	-292	8.6	214
10/17/2019	19:34:25	34:25.0	70465	35.150216	-80.363613	557964.4	3889885.6	482	0	1	-299	9.8	214
10/17/2019	19:34:25	34:25.4	70465.4	35.150203	-80.363626	557962.9	3889883.9	482	0	1	-305	11.4	218
10/17/2019	19:34:26	34:25.8	70465.8	35.150188	-80.363643	557961.1	3889882.1	486	0	1	-312	12.7	221
10/17/2019	19:34:26	34:26.0	70466	35.150181	-80.363651	557960.3	3889881.4	486	0	1	-315	13	224
10/17/2019	19:34:26	34:26.4	70466.4	35.150165	-80.363671	557958.2	3889879.5	489	0	1	-325	14.5	226
10/17/2019	19:34:27	34:26.8	70466.8	35.150149	-80.363695	557955.8	3889877.7	489	0	1	-335	16	229
10/17/2019	19:34:27	34:27.2	70467.2	35.150133	-80.363721	557953.1	3889875.8	489	0	1	-344	17.1	232
10/17/2019	19:34:28	34:27.6	70467.6	35.150116	-80.363749	557950.4	3889874	489	0	1	-354	18.1	233
10/17/2019	19:34:28	34:28.0	70468	35.1501	-80.363781	557947.3	3889872.1	489	0	1	-367	18.9	236
10/17/2019	19:34:28	34:28.4	70468.4	35.150084	-80.363815	557944.1	3889870.5	489	0	1	-381	19.7	239
10/17/2019	19:34:29	34:28.8	70468.8	35.150068	-80.363849	557940.7	3889868.6	486	0	1	-390	20.6	240
10/17/2019	19:34:29	34:29.2	70469.2	35.150053	-80.363884	557937.4	3889867	486	0	1	-404	20.9	240
10/17/2019	19:34:30	34:29.6	70469.6	35.150036	-80.363921	557934.1	3889865.1	486	0	1	-417	21.1	242
10/17/2019	19:34:30	34:30.0	70470	35.150021	-80.363958	557930.8	3889863.4	486	0	1	-430	21	240
10/17/2019	19:34:30	34:30.2	70470.2	35.150013	-80.363976	557929.2	3889862.3	486	0	1	-433	20.9	238
10/17/2019	19:34:31	34:30.6	70470.6	35.149994	-80.364009	557926.3	3889860.3	486	0	1	-446	20.4	238
10/17/2019	19:34:31	34:31.0	70471	35.149978	-80.364043	557923.5	3889858.3	486	0	1	-456	19.5	233
10/17/2019	19:34:31	34:31.4	70471.4	35.14996	-80.364071	557921.2	3889856.2	486	0	1	-466	18.5	231
10/17/2019	19:34:32	34:31.8	70471.8	35.14994	-80.364098	557919.1	3889853.9	486	0	1	-476	17.7	226
10/17/2019	19:34:32	34:32.2	70472.2	35.149921	-80.364121	557917.2	3889851.9	489	0	1	-486	16.8	224
10/17/2019	19:34:33	34:32.6	70472.6	35.149901	-80.364141	557915.6	3889849.7	489	0	1	-492	15.7	221
10/17/2019	19:34:33	34:33.0	70473	35.149883	-80.364159	557914.2	3889847.6	492	0	1	-499	14.7	217
10/17/2019	19:34:33	34:33.4	70473.4	35.149864	-80.364175	557913.1	3889845.7	492	0	1	-505	13.7	214
10/17/2019	19:34:34	34:33.8	70473.8	35.149848	-80.364188	557912.1	3889843.9	495	0	1	-509	12.2	210
10/17/2019	19:34:34	34:34.2	70474.2	35.14983	-80.364191	557912.5	3889841.9	495	0	1	-512	10.8	194
10/17/2019	19:34:34	34:34.4	70474.4	35.149821	-80.364193	557912.4	3889841	495	0	1	-512	10.5	191
10/17/2019	19:34:35	34:34.8	70474.8	35.149806	-80.364193	557912.8	3889839.5	495	0	1	-512	9.4	180
10/17/2019	19:34:35	34:35.2	70475.2	35.149793	-80.364191	557913.2	3889838.2	495	0	1	-515	8.7	172
10/17/2019	19:34:36	34:35.6	70475.6	35.149779	-80.364186	557914	3889836.9	495	0	1	-512	8.1	159

10/17/2019	19:34:36	34:36.0	70476	35.149769	-80.36418	557914.8	3889836	495	0	1	-512	7.6	149
10/17/2019	19:34:36	34:36.4	70476.4	35.14976	-80.36417	557915.9	3889835.1	495	0	1	-509	7.5	135
10/17/2019	19:34:37	34:36.8	70476.8	35.149753	-80.364158	557917.1	3889834.6	495	0	1	-505	7	124
10/17/2019	19:34:37	34:37.2	70477.2	35.149749	-80.364144	557918.4	3889834.4	495	0	1	-502	7.1	114
10/17/2019	19:34:38	34:37.6	70477.6	35.149746	-80.364131	557919.7	3889834.3	495	0	1	-499	7	101
10/17/2019	19:34:38	34:38.0	70478	35.149746	-80.364116	557921.2	3889834.5	495	0	1	-495	7.4	93
10/17/2019	19:34:38	34:38.4	70478.4	35.149746	-80.364103	557922.4	3889834.7	492	0	1	-489	7.7	86
10/17/2019	19:34:39	34:38.6	70478.6	35.149746	-80.364095	557923.2	3889834.7	492	0	1	-489	7.7	84
10/17/2019	19:34:39	34:39.0	70479	35.149749	-80.36408	557924.6	3889835.3	492	0	1	-482	7.9	79
10/17/2019	19:34:39	34:39.4	70479.4	35.149753	-80.364064	557925.9	3889835.7	489	0	1	-479	7.8	76
10/17/2019	19:34:40	34:39.8	70479.8	35.149756	-80.36405	557927.3	3889836.2	489	0	1	-472	7.9	72
10/17/2019	19:34:40	34:40.2	70480.2	35.149761	-80.364035	557928.6	3889836.8	489	0	1	-469	8	68
10/17/2019	19:34:41	34:40.6	70480.6	35.149766	-80.364021	557929.8	3889837.5	489	0	1	466	7.9	63
10/17/2019	19:34:41	34:41.0	70481	35.149773	-80.364008	557930.9	3889838.3	486	0	1	459	7.7	59
10/17/2019	19:34:41	34:41.4	70481.4	35.149778	-80.363995	557932	3889838.9	486	0	1	456	7.3	56
10/17/2019	19:34:42	34:41.8	70481.8	35.149785	-80.363984	557932.8	3889839.6	482	0	1	453	6.6	55
10/17/2019	19:34:42	34:42.2	70482.2	35.14979	-80.363974	557933.5	3889840.1	482	0	1	449	5.5	53
10/17/2019	19:34:43	34:42.6	70482.6	35.149794	-80.363966	557934.2	3889840.6	479	0	1	446	5	49
10/17/2019	19:34:43	34:42.8	70482.8	35.149798	-80.363963	557934.4	3889841	479	0	1	446	4.7	48
10/17/2019	19:34:43	34:43.2	70483.2	35.149801	-80.363958	557934.8	3889841.2	479	0	1	446	3.8	51
10/17/2019	19:34:44	34:43.6	70483.6	35.149805	-80.363953	557935.1	3889841.5	476	0	1	443	3.2	49
10/17/2019	19:34:44	34:44.0	70484	35.149808	-80.36395	557935.4	3889841.8	476	0	1	443	2.7	53
10/17/2019	19:34:44	34:44.4	70484.4	35.14981	-80.363945	557935.8	3889842	476	0	1	440	2.5	58
10/17/2019	19:34:45	34:44.8	70484.8	35.149811	-80.363941	557936.1	3889842.1	472	0	1	440	2.3	60
10/17/2019	19:34:45	34:45.2	70485.2	35.149813	-80.363938	557936.4	3889842.3	472	0	1	440	2.3	63
10/17/2019	19:34:46	34:45.6	70485.6	35.149814	-80.363933	557936.9	3889842.5	472	0	1	436	2.5	62
10/17/2019	19:34:46	34:46.0	70486	35.149818	-80.363928	557937.3	3889842.9	469	0	1	436	2.4	59
10/17/2019	19:34:46	34:46.4	70486.4	35.149819	-80.363924	557937.6	3889843.1	469	0	1	433	2.4	59
10/17/2019	19:34:47	34:46.8	70486.8	35.149821	-80.363921	557937.9	3889843.3	469	0	1	433	2.2	55
10/17/2019	19:34:47	34:47.0	70487	35.149821	-80.363919	557938	3889843.2	469	0	1	433	2.1	62
10/17/2019	19:34:47	34:47.4	70487.4	35.149823	-80.363915	557938.5	3889843.4	466	0	1	430	2.2	59
10/17/2019	19:34:48	34:47.8	70487.8	35.149824	-80.363911	557938.8	3889843.6	466	0	1	430	2.2	60
10/17/2019	19:34:48	34:48.2	70488.2	35.149826	-80.363908	557939.1	3889843.8	463	0	1	430	2.1	60
10/17/2019	19:34:49	34:48.6	70488.6	35.149828	-80.363905	557939.4	3889843.9	463	0	1	427	2	62

10/17/2019	19:34:49	34:49.0	70489	35.14983	-80.363903	557939.4	3889844.1	463	0	1	427	1.4	55
10/17/2019	19:34:49	34:49.4	70489.4	35.149831	-80.363901	557939.6	3889844.3	463	0	1	427	1.5	52
10/17/2019	19:34:50	34:49.8	70489.8	35.149833	-80.363898	557939.9	3889844.5	459	0	1	427	1.4	59
10/17/2019	19:34:50	34:50.2	70490.2	35.149835	-80.363896	557940	3889844.7	459	0	1	423	1.5	41
10/17/2019	19:34:51	34:50.6	70490.6	35.149836	-80.363894	557940.1	3889844.9	459	0	1	423	1.4	42
10/17/2019	19:34:51	34:51.0	70491	35.149838	-80.363894	557940.1	3889845	459	0	1	423	1.1	42
10/17/2019	19:34:51	34:51.2	70491.2	35.149838	-80.363894	557940.1	3889845	459	0	1	423	1	42
10/17/2019	19:34:52	34:51.6	70491.6	35.149839	-80.363893	557940.2	3889845.2	459	0	1	423	0.9	42
10/17/2019	19:34:52	34:52.0	70492	35.149841	-80.363893	557940.2	3889845.4	459	0	1	423	0.8	42
10/17/2019	19:34:52	34:52.4	70492.4	35.149841	-80.363893	557940.2	3889845.4	459	0	1	423	0.7	42
10/17/2019	19:34:53	34:53.4	70493.4	35.149843	-80.363893	557940.2	3889845.6	459	0	1	423	0.8	42
10/17/2019	19:34:53	34:53.4	70493.4	35.149843	-80.363893	557940.2	3889845.6	459	0	1	423	0.8	42
10/17/2019	19:37:04	37:04.4	70624.4	35.149851	-80.363894	557940	3889846.5	459	0	3	341	0.6	42
10/17/2019	19:37:04	37:04.4	70624.4	35.149851	-80.363894	557940	3889846.5	459	0	3	341	0.6	42
10/17/2019	19:37:05	37:04.8	70624.8	35.149851	-80.363896	557939.9	3889846.5	463	0	3	341	0.9	42
10/17/2019	19:37:05	37:05.2	70625.2	35.149853	-80.363894	557940	3889846.9	463	0	3	341	1.7	7
10/17/2019	19:37:06	37:05.6	70625.6	35.149858	-80.363894	557940.1	3889847.6	463	0	3	341	2.7	10
10/17/2019	19:37:06	37:06.0	70626	35.149863	-80.363894	557940.1	3889848.3	463	0	3	338	3.8	11
10/17/2019	19:37:06	37:06.4	70626.4	35.149871	-80.363891	557940.5	3889849.7	463	0	3	338	6.3	11
10/17/2019	19:37:07	37:06.8	70626.8	35.149881	-80.363889	557940.7	3889851	463	0	3	335	7.4	14
10/17/2019	19:37:07	37:07.0	70627	35.149888	-80.363888	557940.9	3889851.8	463	0	3	331	7.7	15
10/17/2019	19:37:07	37:07.4	70627.4	35.149901	-80.363881	557941.7	3889853.5	463	0	3	328	9.2	17
10/17/2019	19:37:08	37:07.8	70627.8	35.149918	-80.363876	557942.2	3889855.6	463	0	3	325	10.9	17
10/17/2019	19:37:08	37:08.2	70628.2	35.149936	-80.363868	557943	3889857.9	463	0	3	318	12.4	18
10/17/2019	19:37:09	37:08.6	70628.6	35.149958	-80.36386	557943.9	3889860.6	463	0	3	312	13.8	18
10/17/2019	19:37:09	37:09.0	70629	35.149979	-80.363849	557944.9	3889863.2	463	0	3	305	15.1	18
10/17/2019	19:37:09	37:09.4	70629.4	35.150005	-80.363839	557945.8	3889866.1	463	0	3	299	16.2	18
10/17/2019	19:37:10	37:09.8	70629.8	35.15003	-80.363829	557946.8	3889869.1	463	0	3	292	17.3	18
10/17/2019	19:37:10	37:10.2	70630.2	35.150058	-80.363818	557947.9	3889872.4	463	0	3	285	18.3	18
10/17/2019	19:37:11	37:10.6	70630.6	35.150086	-80.363804	557949.2	3889875.8	463	0	3	276	19.5	20
10/17/2019	19:37:11	37:11.0	70631	35.150116	-80.363791	557950.4	3889879.2	463	0	3	269	20	18
10/17/2019	19:37:11	37:11.2	70631.2	35.150133	-80.363785	557951	3889881.1	466	0	3	266	20.1	18
10/17/2019	19:37:12	37:11.6	70631.6	35.150163	-80.363771	557952.2	3889884.5	466	0	3	256	20.6	18
10/17/2019	19:37:12	37:12.0	70632	35.150196	-80.363756	557953.6	3889888.4	466	0	3	246	21.7	18

10/17/2019	19:37:12	37:12.4	70632.4	35.15023	-80.363743	557954.8	3889892.2	469	0	3	240	22.5	17
10/17/2019	19:37:13	37:12.8	70632.8	35.150266	-80.363728	557956.1	3889896.5	472	0	3	230	23.4	17
10/17/2019	19:37:13	37:13.2	70633.2	35.150303	-80.363714	557957.3	3889900.8	472	0	3	220	24.4	15
10/17/2019	19:37:14	37:13.6	70633.6	35.150341	-80.363701	557958.5	3889905.2	476	0	3	210	25.3	15
10/17/2019	19:37:14	37:14.0	70634	35.150383	-80.363686	557960	3889910	479	0	3	200	26.4	17
10/17/2019	19:37:14	37:14.4	70634.4	35.150424	-80.363669	557961.6	3889914.8	479	0	3	190	27.7	17
10/17/2019	19:37:15	37:14.8	70634.8	35.150468	-80.363651	557963.4	3889919.8	479	0	3	177	28.8	18
10/17/2019	19:37:15	37:15.2	70635.2	35.150513	-80.363631	557965.3	3889925	482	0	3	164	30	20
10/17/2019	19:37:15	37:15.4	70635.4	35.150536	-80.363621	557966.3	3889927.6	482	0	3	157	30.6	20
10/17/2019	19:37:16	37:15.8	70635.8	35.150583	-80.3636	557968.3	3889932.9	482	0	3	144	31.3	20
10/17/2019	19:37:16	37:16.2	70636.2	35.150631	-80.363578	557970.3	3889938.4	486	0	3	131	32.1	20
10/17/2019	19:37:17	37:16.6	70636.6	35.15068	-80.363555	557972.4	3889943.8	489	0	3	118	32.3	20
10/17/2019	19:37:17	37:17.0	70637	35.150728	-80.363533	557974.4	3889949.2	489	0	3	105	32.6	20
10/17/2019	19:37:17	37:17.4	70637.4	35.150778	-80.36351	557976.5	3889954.8	492	0	3	92	32.7	21
10/17/2019	19:37:18	37:17.8	70637.8	35.150826	-80.363484	557978.8	3889960.2	495	0	3	79	32.9	21
10/17/2019	19:37:18	37:18.2	70638.2	35.150874	-80.36346	557981.2	3889965.5	502	0	3	66	32.6	22
10/17/2019	19:37:19	37:18.6	70638.6	35.150921	-80.363433	557983.6	3889970.6	505	0	3	52	32.4	24
10/17/2019	19:37:19	37:19.0	70639	35.150968	-80.363405	557986.4	3889975.6	512	0	3	36	32	27
10/17/2019	19:37:19	37:19.4	70639.4	35.151011	-80.363373	557989.6	3889980.2	515	0	3	20	31.7	30
10/17/2019	19:37:20	37:19.6	70639.6	35.151033	-80.363356	557991.2	3889982.5	518	0	3	13	31.5	32
10/17/2019	19:37:20	37:20.0	70640	35.151071	-80.36332	557994.9	3889986.3	525	0	3	-3	30.9	38
10/17/2019	19:37:20	37:20.4	70640.4	35.151106	-80.363278	557999.1	3889989.8	528	0	3	-20	30.4	44
10/17/2019	19:37:21	37:20.8	70640.8	35.151138	-80.363233	558003.6	3889992.8	535	0	3	-36	30.1	51
10/17/2019	19:37:21	37:21.2	70641.2	35.151164	-80.363185	558008.2	3889995.2	538	0	3	-56	29.8	58
10/17/2019	19:37:22	37:21.6	70641.6	35.151184	-80.363131	558013.4	3889996.8	545	0	3	-72	29.6	65
10/17/2019	19:37:22	37:22.0	70642	35.1512	-80.363076	558018.5	3889998	548	0	3	89	29.3	72
10/17/2019	19:37:22	37:22.4	70642.4	35.151209	-80.363021	558023.7	3889998.4	551	0	3	105	29.3	79
10/17/2019	19:37:23	37:22.8	70642.8	35.151213	-80.362963	558029.1	3889998.4	554	0	3	121	29.4	84
10/17/2019	19:37:23	37:23.2	70643.2	35.151213	-80.362906	558034.3	3889998	558	0	3	138	29.6	89
10/17/2019	19:37:24	37:23.6	70643.6	35.151203	-80.362849	558039.3	3889995.7	558	0	3	151	29.3	103
10/17/2019	19:37:24	37:23.8	70643.8	35.151196	-80.362821	558041.8	3889994.6	561	0	3	154	29.4	107
10/17/2019	19:37:24	37:24.2	70644.2	35.151176	-80.362768	558046.5	3889991.4	561	0	3	164	30.6	117
10/17/2019	19:37:25	37:24.6	70644.6	35.151115	-80.362716	558051	3889988	561	0	3	174	30.9	122
10/17/2019	19:37:25	37:25.0	70645	35.151118	-80.362668	558055.1	3889983.8	558	0	3	180	32.2	131

10/17/2019	19:37:25	37:25.4	70645.4	35.151081	-80.362621	558059.1	3889979.3	558	0	3	187	32.9	135
10/17/2019	19:37:26	37:25.8	70645.8	35.15104	-80.362579	558062.6	3889974.1	558	0	3	194	34.1	142
10/17/2019	19:37:26	37:26.2	70646.2	35.150995	-80.362541	558065.9	3889968.7	554	0	3	194	35.1	146
10/17/2019	19:37:27	37:26.6	70646.6	35.150945	-80.362504	558069	3889962.8	551	0	3	197	36	150
10/17/2019	19:37:27	37:27.0	70647	35.150889	-80.362471	558071.8	3889956.2	551	0	3	197	37.9	153
10/17/2019	19:37:27	37:27.4	70647.4	35.150831	-80.362441	558074.4	3889949.4	548	0	3	197	39.6	156
10/17/2019	19:37:28	37:27.8	70647.8	35.15077	-80.362413	558076.8	3889942.2	548	0	3	194	41.2	159
10/17/2019	19:37:28	37:28.0	70648	35.150738	-80.362399	558078	3889938.6	545	0	3	194	41.5	159
10/17/2019	19:37:28	37:28.4	70648.4	35.150671	-80.362373	558080.4	3889930.9	545	0	3	190	43.1	160
10/17/2019	19:37:29	37:28.8	70648.8	35.150603	-80.362346	558082.9	3889923	545	0	3	187	44.7	162
10/17/2019	19:37:29	37:29.2	70649.2	35.150531	-80.362319	558085.4	3889914.7	545	0	3	184	46.7	162
10/17/2019	19:37:30	37:29.6	70649.6	35.150458	-80.362291	558088.2	3889906.3	545	0	3	180	48.3	162
10/17/2019	19:37:30	37:30.0	70650	35.150381	-80.362263	558090.9	3889897.6	545	0	3	180	49.8	162
10/17/2019	19:37:30	37:30.4	70650.4	35.150303	-80.362234	558093.6	3889888.6	545	0	3	177	51.7	162
10/17/2019	19:37:31	37:30.8	70650.8	35.150221	-80.362203	558096.7	3889879.3	545	0	3	174	53.2	162
10/17/2019	19:37:31	37:31.2	70651.2	35.150138	-80.36217	558099.9	3889869.9	545	0	3	171	54.6	162
10/17/2019	19:37:32	37:31.6	70651.6	35.150053	-80.362136	558103.2	3889860.3	548	0	3	167	55.8	160
10/17/2019	19:37:32	37:32.0	70652	35.149965	-80.362101	558106.6	3889850.3	548	0	3	167	57.2	160
10/17/2019	19:37:32	37:32.2	70652.2	35.149921	-80.362083	558108.4	3889845.4	548	0	3	164	57.9	160
10/17/2019	19:37:33	37:32.6	70652.6	35.149831	-80.362044	558112.1	3889835.3	551	0	3	164	59.1	159
10/17/2019	19:37:33	37:33.0	70653	35.14974	-80.362004	558115.9	3889825	551	0	3	161	60.1	159
10/17/2019	19:37:33	37:33.4	70653.4	35.149648	-80.361963	558119.9	3889814.7	554	0	3	161	61.5	159
10/17/2019	19:37:34	37:33.8	70653.8	35.149553	-80.361921	558123.9	3889804	558	0	3	157	62.6	159
10/17/2019	19:37:34	37:34.2	70654.2	35.149458	-80.361878	558128	3889793.2	558	0	3	157	63.8	159
10/17/2019	19:37:35	37:34.6	70654.6	35.14936	-80.361834	558132.1	3889782.2	561	0	3	154	64.9	159
10/17/2019	19:37:35	37:35.0	70655	35.149261	-80.361789	558136.3	3889771.2	561	0	3	154	65.9	159
10/17/2019	19:37:35	37:35.4	70655.4	35.14916	-80.361743	558140.8	3889759.7	564	0	3	154	67.1	159
10/17/2019	19:37:36	37:35.8	70655.8	35.149058	-80.361694	558145.3	3889748.3	564	0	3	151	68	159
10/17/2019	19:37:36	37:36.2	70656.2	35.148955	-80.361648	558149.7	3889736.7	568	0	3	151	69	158

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