



MINISTERIO DE  
MEDIO AMBIENTE  
Y RECURSOS  
NATURALES

MINISTERIO DE MEDIO AMBIENTE Y RECURSOS NATURALES  
DIRECCION GENERAL OBSERVATORIO AMBIENTAL  
GERENCIA DE GEOLOGIA  
AREA DE SISMOLOGIA

Parámetros principales de los sismos registrados por la Red Sísmica Nacional de El Salvador para el período de abril a junio 2019  
Atención a solicitud OIR #MARN-2019-0221

No	Año	Mes	Día	HrMn (GMT)	Segundos	Tipo	Latitud (°)	Longitud (°)	Prof (Km)	Magnitud
1	2019	4	1	700	40.8	R	12.307	-89.391	20.0	2.9
2	2019	4	1	953	49.4	R	12.092	-89.394	32.4	3.8
3	2019	4	1	1027	59.5	R	11.350	-87.794	34.4	3.3
4	2019	4	1	1456	29.7	R	12.739	-88.387	13.0	3.0
5	2019	4	2	38	37.3	R	14.082	-91.127	19.7	3.4
6	2019	4	2	104	5.3	R	14.893	-86.575	26.7	3.7
7	2019	4	2	448	45.1	R	12.711	-88.515	23.6	1.6
8	2019	4	2	850	33.8	R	12.600	-88.937	23.7	2.6
9	2019	4	2	918	24.5	R	12.692	-88.467	15.0	2.8
10	2019	4	2	1230	52.1	R	12.542	-88.001	48.0	3.2
11	2019	4	2	1353	5.7	R	12.709	-88.226	16.1	3.2
12	2019	4	2	1738	39.8	R	12.894	-88.792	38.8	3.1
13	2019	4	2	1749	52.2	R	12.397	-89.082	14.6	3.3
14	2019	4	2	2049	1.6	R	13.294	-90.305	20.0	5.0
15	2019	4	2	2324	33	R	12.603	-88.292	26.8	2.6
16	2019	4	3	557	40.9	R	12.178	-88.364	15.4	3.7
17	2019	4	3	601	37.8	R	12.133	-88.362	15.0	3.8
18	2019	4	3	848	18.7	R	14.122	-88.681	25.0	3.1
19	2019	4	3	924	53.9	R	12.584	-89.472	35.0	3.7
20	2019	4	3	943	16	R	14.370	-89.232	3.1	1.8
21	2019	4	3	944	47.3	R	13.888	-91.046	21.7	3.8
22	2019	4	3	1355	56.3	R	11.722	-85.851	243.5	4.3
23	2019	4	3	1647	53.1	R	13.012	-87.869	103.1	3.3
24	2019	4	4	617	1.1	R	12.872	-87.224	151.0	2.8

25	2019	4	4	946	32.5	L	13.440	-88.269	0.1	1.3
26	2019	4	4	1947	40.3	R	13.346	-89.058	74.7	3.0
27	2019	4	4	2043	33.6	L	13.867	-89.671	1.3	1.9
28	2019	4	4	2256	5.5	R	13.823	-92.365	34.9	3.9
29	2019	4	5	518	40	R	14.296	-88.221	10.0	2.8
30	2019	4	5	629	44.2	R	13.187	-89.284	60.6	2.5
31	2019	4	5	908	14.8	R	13.091	-89.833	15.5	4.6
32	2019	4	5	1041	34.5	R	13.111	-89.795	29.6	2.8
33	2019	4	5	1141	42.5	R	13.076	-88.889	63.9	3.2
34	2019	4	5	1801	25.5	L	13.442	-88.275	0.0	1.0
35	2019	4	5	1804	44.3	L	13.422	-88.268	0.0	1.2
36	2019	4	5	1809	45.2	L	13.434	-88.270	0.0	0.8
37	2019	4	5	2353	55.2	R	14.496	-89.129	10.0	4.4
38	2019	4	5	2358	41	R	13.156	-89.605	48.2	3.3
39	2019	4	6	423	48.9	R	14.523	-89.188	5.0	1.5
40	2019	4	6	447	47.7	R	14.587	-89.163	5.0	1.4
41	2019	4	6	724	32.8	R	13.086	-89.286	47.4	3.8
42	2019	4	6	833	0.7	R	13.301	-89.748	34.2	2.4
43	2019	4	6	848	51.2	R	14.226	-86.906	11.4	2.6
44	2019	4	6	1114	14.7	R	13.618	-90.500	60.7	2.8
45	2019	4	6	1128	56.9	R	13.795	-91.438	12.9	3.7
46	2019	4	6	1517	29.9	R	12.711	-89.075	35.1	3.9
47	2019	4	6	1730	14.6	R	13.671	-91.079	12.4	3.3
48	2019	4	6	2257	44	R	13.935	-91.550	18.8	3.4
49	2019	4	7	413	58.7	R	13.098	-90.040	12.5	2.8
50	2019	4	7	643	24	R	11.327	-86.706	4.5	5.2
51	2019	4	7	958	32.8	R	12.859	-90.407	15.8	3.4
52	2019	4	7	1602	54.5	R	13.102	-89.318	41.8	2.9
53	2019	4	7	1630	57	R	14.456	-91.121	106.7	4.0
54	2019	4	7	1744	0.2	R	14.520	-89.105	6.1	3.6
55	2019	4	7	1747	53.5	R	14.495	-89.125	6.1	2.9
56	2019	4	7	1828	52.1	R	13.016	-89.007	24.7	3.0
57	2019	4	8	602	28.4	R	14.445	-89.134	1.1	2.1

58	2019	4	8	957	38	R	11.931	-88.713	15.7	3.5
59	2019	4	8	1314	44.7	R	14.494	-89.117	1.1	3.4
60	2019	4	8	1539	29.8	R	12.874	-88.599	35.0	2.4
61	2019	4	8	1604	11.6	R	14.663	-89.116	5.0	2.3
62	2019	4	8	2045	59	R	12.157	-88.508	14.6	2.7
63	2019	4	8	2156	45.3	R	13.527	-90.274	70.4	4.1
64	2019	4	8	2225	41.8	R	12.601	-89.343	7.4	4.9
65	2019	4	9	252	34.4	R	12.706	-89.248	10.0	3.9
66	2019	4	9	305	37.9	R	13.836	-89.629	0.1	0.6
67	2019	4	9	435	5.6	R	12.956	-88.780	50.6	3.2
68	2019	4	9	948	6.4	R	14.555	-89.478	12.0	0.6
69	2019	4	9	948	34.5	R	14.476	-89.134	6.9	1.4
70	2019	4	9	948	28.9	R	13.036	-88.766	63.5	3.1
71	2019	4	9	1233	54.8	R	12.316	-89.499	9.1	3.8
72	2019	4	9	1242	57.5	R	12.502	-89.406	10.0	3.8
73	2019	4	9	1752	43.1	L	13.189	-87.844	4.0	2.0
74	2019	4	9	2103	4.1	R	12.931	-89.779	30.6	2.7
75	2019	4	10	225	51.3	R	11.673	-88.100	10.0	3.8
76	2019	4	10	830	28.5	R	13.338	-89.831	18.2	2.7
77	2019	4	10	902	28.7	R	12.734	-88.680	21.2	2.9
78	2019	4	10	1203	4.1	R	12.656	-89.023	12.9	3.4
79	2019	4	10	1608	35.7	R	13.164	-88.610	198.1	3.3
80	2019	4	10	1816	34.5	R	12.919	-88.938	52.4	4.5
81	2019	4	10	1933	7	R	12.885	-89.028	36.8	3.5
82	2019	4	10	2056	56.4	R	12.972	-88.925	26.1	0.0
83	2019	4	11	358	10.2	R	11.570	-85.778	34.5	3.4
84	2019	4	11	538	33	R	13.006	-88.920	32.7	2.4
85	2019	4	11	614	55.6	R	13.089	-89.185	19.1	2.4
86	2019	4	11	649	13.7	L	14.134	-89.675	4.9	3.4
87	2019	4	11	725	9.3	L	13.881	-89.668	7.2	1.1
88	2019	4	11	837	46.3	L	13.692	-89.068	10.1	1.7
89	2019	4	11	1041	21.9	R	12.029	-89.287	29.6	3.2
90	2019	4	11	1212	50.2	L	13.949	-89.597	3.3	1.4

91	2019	4	11	1225	52.9	R	12.641	-88.333	13.0	2.5
92	2019	4	11	1322	12	R	13.237	-89.328	58.9	2.6
93	2019	4	11	1536	30.5	R	11.935	-88.114	19.3	3.1
94	2019	4	11	1606	56.2	L	13.868	-89.659	8.9	1.8
95	2019	4	11	1612	30.1	L	13.858	-89.677	4.0	1.3
96	2019	4	11	1629	5.7	R	14.536	-87.117	12.2	3.4
97	2019	4	11	2048	1.9	L	13.845	-89.662	7.7	1.4
98	2019	4	11	2303	34.4	L	13.284	-87.976	8.0	2.1
99	2019	4	12	204	45	R	12.459	-89.322	10.3	4.0
100	2019	4	12	345	29.8	R	12.582	-88.330	51.0	2.8
101	2019	4	12	512	33	R	12.617	-88.041	27.5	4.8
102	2019	4	12	755	12	R	13.000	-90.331	34.9	4.3
103	2019	4	12	852	46.4	L	13.686	-89.021	4.4	2.4
104	2019	4	12	858	52.9	L	13.698	-89.025	1.3	1.9
105	2019	4	12	1309	1.9	L	13.852	-89.642	2.0	1.8
106	2019	4	12	1331	50.5	R	14.238	-93.000	56.2	5.3
107	2019	4	12	1613	14.9	R	13.184	-89.289	56.8	3.2
108	2019	4	12	1635	35	R	13.300	-89.894	45.0	3.6
109	2019	4	12	2316	11.8	R	12.564	-89.180	10.9	4.0
110	2019	4	12	2320	1.5	R	12.340	-89.308	29.9	3.5
111	2019	4	13	1031	24.6	R	13.403	-90.087	56.1	2.8
112	2019	4	13	1825	51	R	12.593	-87.976	60.0	4.4
113	2019	4	13	1922	51.5	R	13.625	-90.440	54.5	3.6
114	2019	4	13	1937	59.6	R	12.480	-88.048	22.5	2.9
115	2019	4	13	2106	1.3	R	12.032	-87.764	18.3	3.4
116	2019	4	13	2347	14.6	R	13.128	-89.925	10.5	4.2
117	2019	4	14	26	35.4	R	13.045	-88.981	52.8	2.7
118	2019	4	14	118	30.8	R	13.252	-90.084	11.0	2.7
119	2019	4	14	149	50.1	R	13.249	-89.821	31.9	2.8
120	2019	4	14	332	31.4	R	13.708	-90.018	94.2	4.3
121	2019	4	14	914	41.1	R	12.973	-88.895	52.3	3.8
122	2019	4	14	1342	41.5	L	13.437	-88.270	0.0	0.8
123	2019	4	14	1435	10.5	R	13.634	-90.475	68.7	3.2

124	2019	4	14	1745	1.2	R	13.320	-90.285	31.0	3.4
125	2019	4	14	1843	42.3	L	13.861	-89.632	6.0	1.2
126	2019	4	14	1907	48.3	L	13.853	-89.637	6.6	1.2
127	2019	4	14	1937	21.2	R	12.826	-88.162	49.4	3.8
128	2019	4	14	2116	29.8	R	12.118	-89.432	20.0	3.8
129	2019	4	14	2219	39.6	R	12.497	-88.087	16.8	3.0
130	2019	4	15	217	35.7	R	13.106	-88.641	67.4	2.7
131	2019	4	15	226	23.1	R	13.684	-90.179	90.3	3.2
132	2019	4	15	620	3.8	L	13.668	-89.024	2.2	2.2
133	2019	4	15	624	13	L	13.651	-89.022	5.3	2.2
134	2019	4	15	632	11.3	R	13.250	-90.465	15.0	3.1
135	2019	4	15	818	29.8	R	12.811	-89.041	18.4	3.2
136	2019	4	15	847	22.4	L	13.914	-89.729	2.7	2.7
137	2019	4	15	847	24.7	L	13.951	-89.713	6.3	2.3
138	2019	4	15	926	39	L	13.940	-89.658	3.8	3.6
139	2019	4	16	404	50.8	R	14.397	-90.895	38.0	4.4
140	2019	4	16	615	51.8	R	12.377	-88.901	15.0	2.9
141	2019	4	16	742	47.4	R	12.425	-87.906	25.7	3.3
142	2019	4	16	1437	6	R	12.689	-88.654	30.7	2.9
143	2019	4	16	1742	50	R	12.952	-89.036	15.0	3.3
144	2019	4	16	2013	10.5	R	12.356	-87.791	18.4	3.7
145	2019	4	16	2149	15.9	R	12.501	-90.525	85.3	3.5
146	2019	4	17	335	5.4	R	12.789	-90.385	16.1	3.0
147	2019	4	17	543	46.8	R	12.820	-88.933	33.7	3.1
148	2019	4	17	620	51.4	L	13.261	-87.830	4.9	1.4
149	2019	4	17	807	9.4	R	11.802	-87.638	34.6	2.9
150	2019	4	17	1551	16.6	R	13.915	-90.787	75.9	3.4
151	2019	4	18	148	16	R	12.794	-88.595	54.5	3.4
152	2019	4	18	317	26.5	R	13.907	-91.661	28.4	3.9
153	2019	4	18	430	43.7	R	13.090	-89.239	24.8	2.6
154	2019	4	18	651	58.3	R	12.461	-90.183	15.2	2.9
155	2019	4	18	812	16.6	L	13.857	-89.939	17.2	2.3
156	2019	4	18	1026	47.6	L	13.878	-89.653	3.2	2.3

157	2019	4	18	1027	1.5	R	12.675	-88.140	60.2	3.8
158	2019	4	18	1313	54.9	R	12.974	-88.831	15.0	2.1
159	2019	4	18	1418	51.6	L	13.923	-89.796	16.0	2.4
160	2019	4	18	1445	2.5	R	12.541	-89.415	11.2	3.8
161	2019	4	18	2356	12.9	R	11.750	-87.778	34.5	4.2
162	2019	4	19	840	24.7	R	12.924	-90.820	15.0	3.5
163	2019	4	19	1143	9.3	R	14.645	-92.546	63.4	3.9
164	2019	4	19	1336	7	R	11.821	-87.126	35.0	5.4
165	2019	4	19	2329	40.5	L	13.228	-87.851	5.2	2.3
166	2019	4	20	1001	4.6	L	13.485	-88.330	5.4	1.9
167	2019	4	20	1005	59.3	L	13.483	-88.333	5.5	1.8
168	2019	4	20	1007	25.2	L	13.476	-88.338	5.5	1.9
169	2019	4	20	1026	10.5	L	13.492	-88.325	5.2	2.2
170	2019	4	20	1059	33	L	13.490	-88.317	4.9	1.7
171	2019	4	20	1242	37.3	L	13.492	-88.319	4.9	1.8
172	2019	4	21	703	50	L	13.457	-88.372	2.9	1.6
173	2019	4	21	828	18.8	R	12.790	-89.027	108.1	3.0
174	2019	4	21	957	17.8	L	13.474	-88.343	5.9	2.7
175	2019	4	21	1003	39.9	L	13.462	-88.338	4.2	1.2
176	2019	4	21	1050	51.3	L	13.483	-88.309	4.3	1.3
177	2019	4	21	1208	19	R	13.437	-89.561	70.7	3.0
178	2019	4	21	1820	1.4	R	13.312	-89.885	32.8	2.7
179	2019	4	21	2142	38.7	R	12.660	-88.241	51.8	4.1
180	2019	4	21	2159	11.7	R	12.946	-88.928	17.6	2.7
181	2019	4	22	203	9	R	12.634	-88.248	51.3	3.7
182	2019	4	22	821	43.8	R	12.817	-88.932	15.0	2.2
183	2019	4	22	856	54.9	R	12.066	-87.549	14.5	3.5
184	2019	4	22	1124	48.9	R	13.077	-89.825	29.7	2.3
185	2019	4	22	1706	39.2	L	13.507	-88.500	1.2	1.1
186	2019	4	22	1813	13.8	R	12.997	-88.991	40.2	2.4
187	2019	4	22	1855	54.8	R	13.042	-89.822	14.6	4.0
188	2019	4	22	1957	20.6	R	13.203	-89.802	34.1	2.6
189	2019	4	23	55	33.6	R	13.214	-89.480	48.6	2.9

190	2019	4	23	306	54.4	R	12.444	-87.875	24.6	3.4
191	2019	4	23	1005	24.1	R	13.311	-89.834	33.5	2.3
192	2019	4	23	1703	42.5	R	12.449	-91.494	35.7	3.5
193	2019	4	24	136	57.9	R	12.140	-89.176	15.0	3.4
194	2019	4	24	324	20.1	R	13.300	-89.728	47.7	2.8
195	2019	4	24	632	38.1	R	13.024	-88.813	54.6	3.1
196	2019	4	24	723	21.3	R	12.717	-88.085	32.4	2.4
197	2019	4	24	1716	28.9	R	13.026	-89.705	26.9	3.0
198	2019	4	25	652	43.4	R	12.985	-89.029	30.0	1.5
199	2019	4	25	1046	10	R	13.347	-87.755	10.8	1.3
200	2019	4	25	1120	16	R	12.878	-88.662	11.9	2.5
201	2019	4	25	1302	22.5	R	12.415	-87.909	19.9	2.7
202	2019	4	26	135	27.5	R	13.352	-89.586	54.0	3.1
203	2019	4	26	225	20	R	13.318	-86.859	91.4	3.2
204	2019	4	26	726	41.7	R	13.278	-89.731	54.8	2.3
205	2019	4	26	826	25.5	L	13.685	-89.228	8.1	2.4
206	2019	4	26	826	45	L	13.690	-89.231	8.6	2.4
207	2019	4	26	1045	4.5	L	13.672	-89.195	5.9	1.9
208	2019	4	26	1328	44.4	R	13.280	-89.679	51.6	2.7
209	2019	4	26	1533	5.2	L	13.667	-89.194	5.7	3.0
210	2019	4	27	216	0.7	R	13.103	-88.782	66.9	2.5
211	2019	4	27	553	55.9	L	13.827	-89.588	1.1	1.6
212	2019	4	27	1847	40.4	R	13.185	-89.891	31.8	3.2
213	2019	4	27	2202	9.5	R	12.757	-88.706	18.1	2.4
214	2019	4	27	2311	49.9	R	12.920	-88.810	15.0	2.2
215	2019	4	28	743	36	R	17.482	-85.600	34.5	5.4
216	2019	4	28	1012	16.3	R	13.516	-90.637	23.0	3.0
217	2019	4	28	1748	36.8	R	12.555	-88.028	29.6	3.1
218	2019	4	29	213	20.4	R	12.542	-87.983	64.7	2.8
219	2019	4	29	221	34.8	L	13.325	-88.043	4.6	3.4
220	2019	4	29	221	49.7	R	12.084	-88.497	17.4	3.5
221	2019	4	29	347	36.8	R	11.872	-87.026	99.9	3.3
222	2019	4	29	753	36.3	R	12.445	-89.029	20.0	2.0

223	2019	4	29	905	0.6	R	13.021	-91.867	20.0	3.3
224	2019	4	29	924	37.9	R	14.985	-92.155	35.0	3.9
225	2019	4	29	1006	25.3	R	12.873	-89.130	31.4	2.8
226	2019	4	29	1134	27.3	L	13.440	-88.271	0.0	1.7
227	2019	4	29	1148	14.3	R	16.250	-91.560	34.1	3.6
228	2019	4	29	1523	26.3	R	13.040	-89.205	50.5	3.1
229	2019	4	29	1829	56.9	R	12.845	-88.694	32.5	2.1
230	2019	4	29	2305	18.1	R	12.199	-88.055	12.6	3.5
231	2019	4	30	410	21.9	R	12.863	-90.323	17.9	3.0
232	2019	4	30	1413	2.5	R	14.928	-91.595	130.5	3.9
233	2019	4	30	1635	46.9	R	12.755	-88.344	42.1	2.5
234	2019	4	30	2131	14.3	R	13.185	-89.985	15.0	2.5
235	2019	4	30	2225	7.5	R	12.647	-88.450	31.5	3.2
236	2019	4	30	2325	31.5	L	13.987	-89.919	1.7	2.9
237	2019	5	1	22	30.2	R	13.347	-90.093	50.4	2.9
238	2019	5	1	124	0.5	L	13.659	-89.225	1.0	1.2
239	2019	5	1	134	31.8	L	13.669	-89.195	7.2	2.3
240	2019	5	1	413	5.9	R	12.949	-88.837	46.0	2.7
241	2019	5	1	602	48.4	R	13.047	-88.909	51.8	3.2
242	2019	5	1	803	34.6	R	12.975	-90.331	18.0	3.7
243	2019	5	1	1952	23.2	R	12.426	-87.888	27.2	2.3
244	2019	5	1	2022	29.9	R	13.563	-90.452	42.8	2.9
245	2019	5	2	38	28.3	R	13.252	-89.791	39.1	4.0
246	2019	5	2	356	57.4	R	13.088	-88.860	64.7	2.8
247	2019	5	2	425	6.1	R	13.648	-90.438	35.4	3.5
248	2019	5	2	445	59.5	R	12.821	-88.603	50.8	3.2
249	2019	5	2	943	4.7	R	12.450	-89.424	12.7	3.1
250	2019	5	2	2148	1.7	R	13.488	-90.922	15.0	4.5
251	2019	5	3	121	38.3	R	12.891	-88.852	15.0	2.2
252	2019	5	3	541	59.9	R	12.635	-89.068	13.6	2.5
253	2019	5	3	711	3.5	R	12.786	-89.043	13.1	2.3
254	2019	5	3	1056	30.8	R	12.823	-91.243	25.8	3.8
255	2019	5	3	1120	38.1	R	13.048	-90.987	20.0	3.4



256	2019	5	3	1302	31.9	R	13.071	-90.736	13.5	2.6
257	2019	5	4	446	16.5	R	13.164	-89.150	71.8	2.4
258	2019	5	4	633	13.8	R	13.149	-89.219	47.7	3.2
259	2019	5	4	653	59.6	R	12.292	-87.671	22.8	2.7
260	2019	5	4	1239	38.2	R	12.998	-88.929	37.7	2.5
261	2019	5	4	1614	4.4	R	13.619	-90.099	75.8	4.3
262	2019	5	5	236	35	R	13.013	-88.878	55.7	2.5
263	2019	5	5	1104	3.7	R	13.088	-90.314	19.9	3.1
264	2019	5	5	1123	33.9	R	12.816	-88.548	42.8	2.5
265	2019	5	5	1414	31.5	R	13.008	-88.925	45.2	3.2
266	2019	5	5	1531	51.9	R	13.155	-88.843	39.2	4.0
267	2019	5	5	1758	56.5	R	12.540	-87.882	25.5	4.3
268	2019	5	5	1926	49.6	R	14.183	-91.453	40.0	3.5
269	2019	5	5	2012	41.5	R	12.689	-88.644	27.2	4.8
270	2019	5	5	2016	47.9	R	12.461	-88.092	14.0	2.8
271	2019	5	5	2049	49.4	R	13.052	-89.640	44.9	2.9
272	2019	5	6	3	19.1	L	13.674	-89.193	6.2	3.6
273	2019	5	6	3	35.4	L	13.661	-89.191	4.0	2.7
274	2019	5	6	357	29.1	R	13.364	-89.637	35.0	4.1
275	2019	5	6	849	20	R	13.232	-89.789	30.8	2.8
276	2019	5	6	1231	52.6	L	13.463	-88.276	0.1	2.0
277	2019	5	6	1605	35.9	R	13.073	-88.911	61.1	3.4
278	2019	5	6	1739	3	L	13.677	-89.054	4.9	2.4
279	2019	5	7	258	42.2	R	14.185	-91.589	24.4	3.7
280	2019	5	7	627	51.8	R	13.112	-89.169	48.9	2.6
281	2019	5	8	47	7.7	R	13.255	-89.958	24.1	3.2
282	2019	5	8	638	34	R	12.866	-88.958	13.8	2.6
283	2019	5	8	1209	0.5	R	12.530	-87.988	15.0	2.8
284	2019	5	8	1449	28.9	L	13.920	-89.663	3.8	2.0
285	2019	5	8	1525	33.3	R	14.091	-91.496	66.0	4.2
286	2019	5	9	144	10.3	L	13.822	-89.374	14.9	1.9
287	2019	5	9	426	25	R	12.600	-88.068	6.7	2.9
288	2019	5	9	535	50.6	R	12.936	-89.806	140.0	2.7

289	2019	5	9	923	58.1	R	13.473	-90.007	58.7	2.4
290	2019	5	9	1029	40.5	R	13.199	-89.998	27.0	3.6
291	2019	5	9	1708	15.2	R	13.296	-89.897	31.9	3.9
292	2019	5	9	1723	40.3	R	12.698	-87.046	34.0	4.3
293	2019	5	9	1824	1.6	R	14.167	-92.606	93.1	4.8
294	2019	5	9	2300	17.5	R	12.993	-89.109	41.9	2.8
295	2019	5	10	44	31.9	R	13.069	-90.017	25.5	3.2
296	2019	5	10	53	12.5	R	12.810	-89.249	19.4	3.5
297	2019	5	10	138	8	R	13.040	-88.937	70.0	3.1
298	2019	5	10	245	32.3	R	12.431	-89.350	22.6	2.8
299	2019	5	10	708	6	R	13.361	-89.241	59.6	2.6
300	2019	5	10	815	50.2	R	13.133	-88.925	58.3	2.2
301	2019	5	10	1604	57.9	R	13.474	-90.232	49.3	3.2
302	2019	5	11	200	59.9	R	12.996	-90.086	15.0	3.8
303	2019	5	11	253	40.7	R	12.651	-90.555	15.0	3.1
304	2019	5	11	319	54.8	R	13.503	-90.906	35.6	4.0
305	2019	5	11	323	51.2	R	12.669	-90.506	16.3	3.2
306	2019	5	11	423	2.4	R	13.404	-90.168	57.1	3.3
307	2019	5	11	450	30.3	R	14.009	-90.884	55.0	3.1
308	2019	5	11	534	36.6	R	13.107	-89.945	20.0	3.9
309	2019	5	11	543	21.5	R	13.005	-89.550	51.1	2.7
310	2019	5	11	954	7.8	L	13.441	-88.268	0.0	1.0
311	2019	5	11	1235	14.2	R	13.661	-87.457	92.4	2.8
312	2019	5	11	1632	27.1	R	13.067	-89.143	32.1	2.6
313	2019	5	11	1715	4.7	R	12.260	-88.035	20.2	2.8
314	2019	5	11	2010	47.4	R	11.962	-87.335	15.0	3.5
315	2019	5	12	53	30.6	L	13.499	-88.537	5.5	1.4
316	2019	5	12	1916	44.7	R	13.300	-89.678	45.5	3.1
317	2019	5	12	1925	0.7	R	8.318	-83.873	40.3	6.2
318	2019	5	12	2151	50.5	R	14.105	-90.853	63.8	3.5
319	2019	5	12	2338	25	R	12.405	-88.383	7.2	3.3
320	2019	5	13	102	46.5	R	12.341	-87.085	99.0	3.6
321	2019	5	13	1210	10.7	R	13.359	-89.612	58.5	3.8

322	2019	5	13	1304	2.1	R	12.879	-88.889	30.7	2.7
323	2019	5	13	1328	54.2	R	12.605	-87.954	30.3	2.5
324	2019	5	13	1734	5.1	R	13.300	-89.922	55.4	3.2
325	2019	5	13	1903	44.7	R	15.158	-92.221	15.0	3.9
326	2019	5	13	2002	14	R	12.702	-90.368	19.3	3.1
327	2019	5	14	612	11.1	R	13.056	-88.758	55.3	2.5
328	2019	5	14	619	16.1	R	14.628	-92.617	158.9	4.2
329	2019	5	14	704	57.5	R	13.314	-89.527	48.0	2.7
330	2019	5	14	835	55.9	R	13.826	-91.047	30.5	3.4
331	2019	5	14	1014	46.9	R	13.153	-89.555	41.3	3.5
332	2019	5	14	1149	16.3	R	13.402	-90.234	26.2	3.8
333	2019	5	14	1245	9.4	L	13.851	-89.400	5.8	2.0
334	2019	5	14	1536	27.8	L	13.845	-89.402	7.3	2.7
335	2019	5	14	1614	28.5	R	12.741	-86.880	162.6	4.4
336	2019	5	14	1729	18.9	R	13.088	-89.007	48.7	2.8
337	2019	5	15	529	1.9	R	13.153	-89.628	53.9	2.4
338	2019	5	15	649	11.1	R	14.207	-91.336	0.0	3.7
339	2019	5	15	847	40.9	R	12.978	-89.989	57.4	3.7
340	2019	5	15	1003	37.3	R	13.145	-90.391	14.5	2.9
341	2019	5	15	1248	46.9	L	13.874	-89.671	1.0	1.1
342	2019	5	16	113	59.9	R	13.046	-89.604	25.5	4.9
343	2019	5	16	312	11.2	R	13.545	-89.940	59.3	2.7
344	2019	5	16	335	29.5	L	13.505	-88.512	1.0	2.0
345	2019	5	16	404	12.8	R	12.832	-88.322	57.9	2.6
346	2019	5	16	510	34.7	R	13.778	-91.179	15.6	3.4
347	2019	5	16	758	41.8	R	13.444	-89.955	56.9	3.2
348	2019	5	16	1622	17	R	12.705	-88.034	36.7	5.9
349	2019	5	16	1625	55.9	R	12.613	-88.129	47.1	4.3
350	2019	5	16	1628	37.7	R	12.774	-88.047	60.0	5.1
351	2019	5	16	1651	7.2	R	12.624	-87.985	63.9	4.0
352	2019	5	16	1832	17.8	R	12.570	-88.081	30.1	2.6
353	2019	5	16	2023	12.4	R	12.670	-88.046	51.7	3.0
354	2019	5	16	2057	5.5	R	12.596	-88.215	16.1	3.0

355	2019	5	16	2230	45.3	R	11.088	-89.091	39.8	4.9
356	2019	5	17	48	18.4	R	12.633	-88.134	27.7	3.4
357	2019	5	17	101	50.5	R	13.041	-89.501	30.9	3.3
358	2019	5	17	202	5	R	12.727	-88.142	32.6	2.9
359	2019	5	17	233	33.5	R	12.577	-88.028	25.0	4.3
360	2019	5	17	401	49.6	R	12.667	-88.120	28.2	3.3
361	2019	5	17	2007	30.6	R	13.201	-88.725	78.4	3.2
362	2019	5	17	2150	56.2	R	12.576	-88.057	31.0	3.7
363	2019	5	18	203	49.1	R	13.209	-90.209	53.3	4.0
364	2019	5	18	250	26.3	R	12.643	-88.202	19.9	3.1
365	2019	5	18	431	48.2	R	12.601	-88.118	28.9	3.2
366	2019	5	18	631	57.3	R	12.689	-88.079	57.9	3.0
367	2019	5	18	639	4.9	R	12.663	-88.114	49.0	3.2
368	2019	5	18	1011	54.6	R	12.996	-89.050	34.5	2.4
369	2019	5	18	1203	45.4	L	13.954	-89.805	2.1	2.2
370	2019	5	18	1230	22.4	L	13.953	-89.788	3.2	2.4
371	2019	5	18	1234	48.4	R	13.703	-90.481	56.1	3.8
372	2019	5	18	1238	0.5	L	13.886	-89.773	4.8	2.0
373	2019	5	18	1258	11.7	R	12.796	-88.424	44.6	2.7
374	2019	5	18	1312	6.2	L	13.949	-89.791	4.4	2.4
375	2019	5	18	1550	54.7	R	12.991	-87.963	59.8	3.5
376	2019	5	18	1600	13.6	R	12.632	-87.980	20.1	4.4
377	2019	5	18	1806	14	R	13.216	-87.418	12.6	3.0
378	2019	5	18	2139	17.6	R	12.928	-87.967	46.1	3.7
379	2019	5	18	2202	55.4	R	13.307	-89.769	35.1	3.3
380	2019	5	19	143	59.6	R	13.176	-89.239	50.6	2.7
381	2019	5	19	148	30.6	L	13.795	-89.395	13.0	2.2
382	2019	5	19	151	19.7	L	13.829	-89.400	14.5	2.0
383	2019	5	19	741	7.3	R	12.621	-88.204	16.0	2.2
384	2019	5	19	820	25.5	R	12.590	-88.197	17.4	3.3
385	2019	5	19	834	18.5	L	13.861	-89.363	6.0	1.8
386	2019	5	19	937	38.6	R	13.292	-89.117	32.6	3.9
387	2019	5	19	1102	56.7	L	13.249	-87.767	6.6	2.3

388	2019	5	19	1305	20.8	R	13.733	-87.946	9.2	2.5
389	2019	5	19	1517	47	L	13.219	-87.793	5.9	2.1
390	2019	5	19	2201	14.5	R	12.653	-88.019	40.6	2.9
391	2019	5	20	144	55.5	R	13.092	-88.023	73.7	3.3
392	2019	5	20	632	59.4	R	13.194	-89.504	50.3	2.6
393	2019	5	20	649	51.2	R	13.093	-89.326	51.0	3.5
394	2019	5	20	925	56.8	R	12.922	-88.351	62.4	2.6
395	2019	5	20	1003	8.1	L	13.657	-89.033	2.3	2.3
396	2019	5	20	1318	22.1	R	11.138	-86.230	36.0	3.9
397	2019	5	20	1328	43	R	12.650	-88.119	30.9	3.1
398	2019	5	20	1413	41.1	R	13.050	-89.229	28.2	2.9
399	2019	5	20	1520	37.6	R	13.094	-90.002	15.1	3.4
400	2019	5	20	1750	4.2	R	12.679	-88.138	31.4	3.2
401	2019	5	20	2336	9.4	R	13.011	-89.068	31.2	3.2
402	2019	5	21	646	26	R	13.240	-87.629	186.4	2.7
403	2019	5	21	824	21.1	R	12.464	-87.811	42.3	3.1
404	2019	5	21	1042	40.9	R	13.020	-89.029	32.9	2.3
405	2019	5	21	1057	5	R	12.964	-88.946	32.8	2.7
406	2019	5	21	1418	56.5	R	12.564	-88.047	24.3	2.8
407	2019	5	21	1916	27.8	R	12.648	-88.005	42.1	3.6
408	2019	5	21	2024	1.9	R	12.692	-87.973	63.6	3.6
409	2019	5	22	142	35.4	R	12.154	-86.820	11.1	3.7
410	2019	5	22	251	20.1	R	13.074	-89.171	9.0	2.4
411	2019	5	22	408	15.2	R	13.326	-89.852	61.0	2.8
412	2019	5	22	413	30	R	14.559	-90.995	20.6	4.6
413	2019	5	22	443	24	R	13.829	-91.325	15.0	2.9
414	2019	5	22	618	54.1	R	13.017	-88.612	67.9	2.6
415	2019	5	22	1631	25.9	R	13.081	-88.606	79.1	3.0
416	2019	5	22	1739	6.7	R	13.156	-88.475	64.4	2.3
417	2019	5	23	824	12.2	R	12.743	-88.088	56.4	3.3
418	2019	5	23	1157	28	R	13.067	-89.126	46.9	2.9
419	2019	5	23	1722	19.4	L	13.671	-89.190	1.6	1.6
420	2019	5	24	1618	57.1	R	13.485	-90.004	56.6	2.6

421	2019	5	24	2336	52.7	L	13.256	-87.917	13.2	2.2
422	2019	5	25	354	40.1	R	13.240	-88.144	86.1	3.1
423	2019	5	25	929	17.9	R	14.128	-91.557	13.2	3.4
424	2019	5	25	1058	6.5	R	12.926	-88.482	51.7	3.9
425	2019	5	25	1344	10.9	R	13.498	-89.897	71.9	2.5
426	2019	5	25	1423	19.3	R	12.671	-88.093	31.1	3.0
427	2019	5	25	2200	0.6	R	13.460	-89.479	89.2	4.0
428	2019	5	26	715	41.3	R	12.878	-88.622	41.3	2.9
429	2019	5	26	1509	44.1	R	12.488	-87.950	15.0	2.7
430	2019	5	26	1821	10.2	R	14.855	-87.542	11.4	3.6
431	2019	5	26	2019	32	R	11.872	-86.663	34.9	3.7
432	2019	5	26	2234	47.6	R	14.061	-90.821	62.0	3.3
433	2019	5	27	636	18.1	R	12.938	-89.109	30.0	2.8
434	2019	5	27	933	12.4	R	13.518	-90.439	48.2	2.6
435	2019	5	27	948	51.1	R	13.017	-89.099	46.4	3.6
436	2019	5	28	309	57.7	R	12.093	-89.117	19.3	3.0
437	2019	5	28	532	19.2	R	13.020	-89.022	43.8	3.1
438	2019	5	28	2102	27.2	R	13.926	-91.146	19.1	3.5
439	2019	5	28	2127	46.8	R	13.218	-89.827	34.5	2.5
440	2019	5	29	330	29.7	R	12.940	-90.443	19.5	3.3
441	2019	5	29	734	46.5	R	12.626	-88.746	13.0	3.3
442	2019	5	29	1407	25	R	13.123	-89.284	45.9	4.1
443	2019	5	29	2121	18.8	L	13.493	-88.508	4.0	1.8
444	2019	5	30	317	28.2	R	12.354	-87.856	15.0	2.5
445	2019	5	30	321	13	R	12.570	-88.151	15.7	3.8
446	2019	5	30	357	31.2	R	12.091	-88.277	14.6	2.4
447	2019	5	30	903	32.2	R	13.211	-89.371	48.0	6.8
448	2019	5	30	906	36.4	R	13.078	-89.448	35.1	4.9
449	2019	5	30	909	3.6	R	13.003	-89.402	39.3	4.8
450	2019	5	30	912	35.7	R	13.182	-89.407	69.1	4.4
451	2019	5	30	917	13	R	13.062	-89.390	43.6	4.3
452	2019	5	30	937	2	R	13.076	-89.503	47.1	4.4
453	2019	5	30	940	19.8	R	13.060	-89.509	38.8	4.6

454	2019	5	30	1009	52	R	13.076	-89.505	51.6	3.3
455	2019	5	30	1010	50	R	13.090	-89.470	41.8	3.7
456	2019	5	30	1016	3	R	13.080	-89.470	44.6	3.7
457	2019	5	30	1021	18.3	R	13.064	-89.468	37.1	4.7
458	2019	5	30	1030	31.2	R	13.054	-89.522	42.5	3.2
459	2019	5	30	1104	19.4	R	13.109	-89.382	44.5	3.6
460	2019	5	30	1107	1.9	R	13.045	-89.459	41.4	4.4
461	2019	5	30	1144	56.2	R	13.637	-89.129	4.2	2.6
462	2019	5	30	1149	54.5	R	13.227	-89.403	56.4	3.7
463	2019	5	30	1152	11.7	R	13.101	-89.510	36.3	3.9
464	2019	5	30	1202	11.6	R	13.081	-89.474	41.7	3.9
465	2019	5	30	1231	34.6	R	13.117	-89.377	57.1	3.4
466	2019	5	30	1418	38.5	R	13.143	-89.489	47.1	3.3
467	2019	5	30	2012	20.7	L	13.503	-88.540	3.1	2.9
468	2019	5	30	2100	58.5	L	13.497	-88.435	3.7	2.9
469	2019	5	30	2107	50.3	L	13.518	-88.428	3.7	2.9
470	2019	5	30	2229	42.5	L	13.523	-88.428	4.1	2.6
471	2019	5	30	2236	16.7	R	13.012	-89.497	27.1	4.7
472	2019	5	31	21	16	L	13.522	-88.430	7.0	2.9
473	2019	5	31	59	30	R	13.066	-89.461	33.4	3.7
474	2019	5	31	114	52	L	13.492	-88.442	7.8	2.6
475	2019	5	31	122	43.3	R	13.139	-89.527	53.4	3.0
476	2019	5	31	305	22.6	R	13.120	-89.392	53.9	3.0
477	2019	5	31	403	56.1	R	13.144	-89.473	52.4	2.7
478	2019	5	31	405	44.5	R	13.145	-89.437	54.9	2.9
479	2019	5	31	513	17.6	R	13.123	-89.445	45.1	3.3
480	2019	5	31	522	18	R	13.112	-89.497	42.3	3.1
481	2019	5	31	546	4.6	R	13.047	-89.402	47.2	4.5
482	2019	5	31	605	57.3	R	13.195	-89.456	60.6	2.8
483	2019	5	31	619	19.3	R	13.062	-89.485	39.3	3.4
484	2019	5	31	626	56.5	R	13.143	-89.398	55.4	2.9
485	2019	5	31	713	44.8	R	13.010	-89.415	25.6	3.3
486	2019	5	31	732	22	R	13.026	-89.372	31.5	3.7

487	2019	5	31	750	53.4	R	13.158	-89.395	54.4	3.0
488	2019	5	31	910	57.2	R	13.006	-89.456	21.0	3.1
489	2019	5	31	931	31	R	13.115	-89.452	33.2	4.3
490	2019	5	31	1045	25.1	R	13.128	-89.437	54.0	2.9
491	2019	5	31	1057	2.7	R	13.139	-89.479	48.6	3.3
492	2019	5	31	1249	19	R	13.104	-89.512	36.5	4.0
493	2019	5	31	1501	20.5	R	12.730	-89.645	19.7	3.6
494	2019	5	31	2201	50.8	R	13.043	-89.435	34.1	4.0
495	2019	5	31	2241	35.3	R	13.096	-89.497	42.4	3.3
496	2019	6	1	18	29.4	R	13.152	-89.437	41.3	4.2
497	2019	6	1	144	17.6	R	13.050	-89.302	21.9	4.9
498	2019	6	1	327	45.2	R	13.097	-89.477	43.3	3.2
499	2019	6	1	455	39.9	R	13.046	-89.439	44.3	3.4
500	2019	6	1	621	12.6	R	13.172	-89.373	57.2	2.9
501	2019	6	1	652	32.5	R	13.118	-89.443	48.3	2.9
502	2019	6	1	713	51	R	13.200	-89.449	50.9	2.2
503	2019	6	1	807	48.6	R	12.634	-88.625	37.2	2.6
504	2019	6	1	812	51.7	R	13.109	-89.440	50.0	2.7
505	2019	6	1	919	13.5	R	13.317	-89.876	50.0	2.4
506	2019	6	1	1101	53.7	R	13.112	-89.482	47.7	2.6
507	2019	6	1	1914	29.1	R	13.255	-89.483	64.4	2.9
508	2019	6	1	2014	55.1	R	13.190	-89.477	63.0	3.1
509	2019	6	1	2337	12.2	R	13.271	-89.370	56.2	3.0
510	2019	6	1	2346	18.4	R	13.115	-87.767	169.8	3.6
511	2019	6	2	112	44.1	R	13.067	-89.460	52.2	3.2
512	2019	6	2	118	47.1	R	13.307	-89.301	62.8	3.1
513	2019	6	2	122	44.8	R	13.131	-89.463	47.7	2.9
514	2019	6	2	330	43.8	R	13.114	-89.463	54.8	2.9
515	2019	6	2	345	15.8	R	13.048	-89.473	35.2	3.7
516	2019	6	2	454	28.7	R	13.284	-89.360	57.2	2.9
517	2019	6	2	524	22.4	R	13.137	-89.413	58.9	2.9
518	2019	6	2	605	57.7	R	13.123	-89.481	51.8	2.7
519	2019	6	2	710	51.6	R	13.083	-89.466	48.4	3.1



520	2019	6	2	734	11.4	R	13.080	-89.364	43.4	2.6
521	2019	6	2	852	33.4	R	13.119	-89.491	48.3	3.1
522	2019	6	2	936	39.7	R	13.082	-89.504	46.1	3.6
523	2019	6	2	1309	10.4	R	14.490	-89.184	5.0	3.5
524	2019	6	2	1514	42	R	13.273	-89.459	60.8	3.2
525	2019	6	2	1850	41.6	L	13.438	-88.286	0.1	0.5
526	2019	6	2	1902	23.3	L	13.422	-88.312	0.1	0.8
527	2019	6	2	2001	19.4	R	13.293	-89.383	37.4	4.7
528	2019	6	3	0	5.1	R	13.108	-89.498	58.6	3.0
529	2019	6	3	149	52.6	R	12.962	-89.524	24.5	2.9
530	2019	6	3	253	15.2	R	12.935	-89.572	13.0	3.0
531	2019	6	3	347	32.2	R	12.967	-89.505	36.7	3.7
532	2019	6	3	403	53.6	R	13.449	-89.494	100.0	2.4
533	2019	6	3	616	3.1	R	12.870	-89.535	39.2	3.8
534	2019	6	3	652	13.4	R	15.361	-90.714	10.0	4.5
535	2019	6	3	700	40	R	12.033	-88.476	25.0	3.1
536	2019	6	3	808	45.6	R	13.139	-89.449	55.4	2.7
537	2019	6	3	823	47.4	R	13.108	-89.463	51.7	3.3
538	2019	6	3	1124	54.3	R	12.991	-89.534	39.4	3.2
539	2019	6	3	1243	47.1	R	13.243	-89.415	51.8	3.0
540	2019	6	3	1258	19.7	R	13.155	-89.369	45.8	2.9
541	2019	6	3	1710	16.9	R	13.096	-89.453	55.1	3.5
542	2019	6	3	2340	16.9	R	13.286	-90.277	27.7	3.4
543	2019	6	4	106	6.4	R	13.582	-90.319	37.9	3.7
544	2019	6	4	141	50.4	R	13.991	-89.530	42.4	3.7
545	2019	6	4	151	58.6	R	13.044	-87.699	96.4	3.0
546	2019	6	4	320	50.2	R	13.063	-89.429	47.5	2.8
547	2019	6	4	430	13.9	R	12.931	-89.381	33.0	2.3
548	2019	6	4	539	19.9	R	13.127	-89.546	53.8	3.4
549	2019	6	4	722	29	R	13.111	-89.544	52.1	2.9
550	2019	6	4	1040	51.9	R	13.093	-89.456	42.7	2.3
551	2019	6	4	1127	15.1	R	13.178	-89.511	54.6	3.7
552	2019	6	4	1159	49	R	12.886	-88.727	45.3	2.4

553	2019	6	4	1502	15.8	R	12.737	-88.158	40.9	3.0
554	2019	6	4	2054	58.1	R	13.949	-91.370	12.9	3.7
555	2019	6	4	2248	12	L	13.628	-88.679	4.0	2.8
556	2019	6	5	126	14.9	R	13.113	-89.448	53.7	3.1
557	2019	6	5	412	3.7	R	12.114	-88.523	13.8	2.8
558	2019	6	5	440	53.6	L	13.710	-89.141	2.6	1.9
559	2019	6	5	529	32.1	R	13.090	-89.422	55.8	2.3
560	2019	6	5	705	39.6	R	13.162	-89.502	59.1	2.5
561	2019	6	5	736	15.5	R	13.458	-90.757	15.0	2.7
562	2019	6	5	844	17.4	R	13.000	-89.037	37.4	3.1
563	2019	6	5	920	10.7	R	13.264	-89.382	67.3	2.3
564	2019	6	5	925	34	R	13.013	-89.401	38.6	3.8
565	2019	6	5	1006	5.1	L	13.637	-88.691	6.9	2.0
566	2019	6	5	1632	28.5	R	13.353	-89.280	77.2	2.5
567	2019	6	5	1919	45.1	R	13.384	-90.203	31.8	3.0
568	2019	6	5	2045	39.4	R	12.553	-88.097	18.2	3.5
569	2019	6	5	2104	56.3	R	13.396	-89.633	60.3	2.9
570	2019	6	5	2120	35.9	R	13.139	-89.455	51.6	3.1
571	2019	6	5	2303	33	R	12.521	-89.204	35.0	3.6
572	2019	6	6	141	21.9	R	12.521	-89.204	35.0	3.6
573	2019	6	6	239	13.1	R	13.480	-90.836	14.7	3.3
574	2019	6	6	329	17.1	R	13.087	-89.469	43.9	3.0
575	2019	6	6	533	23.9	R	13.039	-90.610	13.2	3.0
576	2019	6	6	617	39	R	13.057	-89.455	34.2	2.3
577	2019	6	6	702	56.7	R	13.405	-89.438	89.3	2.3
578	2019	6	6	837	30.8	R	13.166	-89.456	57.2	2.1
579	2019	6	6	855	27.5	R	13.242	-89.949	32.4	3.1
580	2019	6	6	858	22.2	R	12.751	-88.189	14.5	3.2
581	2019	6	6	910	56.8	R	13.152	-89.458	59.0	2.9
582	2019	6	6	921	10	R	13.137	-89.949	22.6	3.3
583	2019	6	6	1008	55.3	R	13.116	-89.507	55.3	2.7
584	2019	6	6	1108	52.8	R	13.115	-89.512	49.4	3.2
585	2019	6	6	1245	20.3	R	12.762	-88.670	25.5	3.5

586	2019	6	6	1318	33	R	12.997	-89.468	40.5	2.7
587	2019	6	6	1708	57.9	R	13.081	-89.458	43.9	3.0
588	2019	6	6	1720	53.8	R	13.066	-89.478	52.6	2.7
589	2019	6	6	1829	5.1	R	13.047	-89.379	37.0	2.9
590	2019	6	6	2108	48.9	R	12.813	-88.682	46.1	3.9
591	2019	6	6	2130	8.6	R	13.058	-89.538	38.8	3.8
592	2019	6	7	130	2.6	R	12.523	-88.165	23.1	3.6
593	2019	6	7	200	52.6	R	13.163	-89.453	51.0	3.3
594	2019	6	7	232	3.1	R	13.138	-89.460	59.4	2.9
595	2019	6	7	302	39.7	R	13.128	-89.440	49.1	2.3
596	2019	6	7	653	59.8	R	12.489	-89.901	23.4	3.0
597	2019	6	7	1046	6.2	R	12.845	-88.930	37.4	2.9
598	2019	6	7	1053	51.4	R	13.125	-89.474	49.8	3.2
599	2019	6	7	1438	31.6	R	13.029	-89.521	35.0	3.1
600	2019	6	7	1528	48.9	R	15.773	-88.646	17.6	2.3
601	2019	6	7	1916	27.1	R	13.904	-90.633	91.9	3.4
602	2019	6	7	2039	54.1	R	13.218	-89.478	63.3	3.0
603	2019	6	7	2203	48.8	R	13.301	-89.207	68.3	2.7
604	2019	6	7	2315	53.9	R	12.952	-88.956	51.0	3.8
605	2019	6	8	257	55.9	R	13.164	-89.559	59.0	2.7
606	2019	6	8	635	23.8	R	12.985	-89.367	26.5	2.6
607	2019	6	8	650	11.2	R	13.109	-89.482	54.1	3.3
608	2019	6	8	745	26.4	R	13.058	-89.494	44.9	3.2
609	2019	6	8	753	45.4	R	13.116	-89.480	48.9	2.6
610	2019	6	8	1139	2	R	12.818	-88.947	27.7	2.9
611	2019	6	9	2	14.7	L	13.902	-89.703	9.6	2.4
612	2019	6	9	27	20	L	13.899	-89.697	7.8	2.1
613	2019	6	9	206	58	R	13.136	-89.481	44.0	3.5
614	2019	6	9	413	25.7	R	13.107	-89.414	60.2	2.3
615	2019	6	9	507	33.4	R	13.148	-89.369	60.3	3.1
616	2019	6	9	552	13.5	R	12.654	-88.968	16.5	4.4
617	2019	6	9	632	5.4	R	14.939	-87.643	11.3	3.4
618	2019	6	9	636	16.4	R	12.652	-90.204	30.1	2.7

619	2019	6	9	641	28.8	R	12.981	-89.420	45.1	3.6
620	2019	6	9	710	59.4	L	13.897	-89.692	5.3	1.4
621	2019	6	9	736	44.8	R	13.189	-89.463	61.2	2.1
622	2019	6	9	847	42	R	14.345	-89.064	25.5	2.1
623	2019	6	9	850	2.4	R	13.025	-89.509	26.9	3.1
624	2019	6	9	853	47.4	R	13.105	-89.436	38.9	4.1
625	2019	6	9	1143	37.6	R	12.892	-88.908	44.9	3.2
626	2019	6	9	1318	39.7	R	13.156	-89.511	53.5	3.0
627	2019	6	9	1442	23.6	R	13.435	-90.224	56.1	2.7
628	2019	6	9	1836	28.8	L	13.736	-89.290	3.5	1.4
629	2019	6	9	2034	23.9	R	13.042	-89.019	46.9	3.0
630	2019	6	9	2154	44.5	R	13.086	-89.031	59.0	3.1
631	2019	6	9	2336	49.4	R	13.166	-89.372	55.8	2.6
632	2019	6	10	249	48	R	13.816	-89.982	9.1	2.0
633	2019	6	10	316	9.9	R	13.327	-89.457	56.8	3.2
634	2019	6	10	510	6	R	13.024	-89.471	31.9	3.5
635	2019	6	10	720	37	R	13.162	-89.449	52.7	2.2
636	2019	6	10	854	30.6	R	13.320	-89.291	59.8	2.5
637	2019	6	10	903	16.8	R	13.387	-89.524	67.1	3.1
638	2019	6	10	912	18	R	13.016	-88.677	54.8	5.7
639	2019	6	10	951	4.5	R	13.047	-88.682	66.3	2.9
640	2019	6	10	1004	0.5	R	13.002	-88.697	67.1	3.1
641	2019	6	10	1503	37.6	R	13.228	-89.296	50.1	3.6
642	2019	6	10	2253	1.4	R	13.476	-89.598	64.4	3.3
643	2019	6	11	3	13.8	R	13.392	-89.474	61.7	2.6
644	2019	6	11	9	52.7	R	12.992	-88.549	65.0	2.9
645	2019	6	11	153	16.7	R	13.314	-89.480	54.8	3.3
646	2019	6	11	323	58.9	R	13.303	-89.664	59.3	3.9
647	2019	6	11	558	33.5	R	13.112	-89.472	49.7	3.0
648	2019	6	11	604	48.7	R	13.389	-89.610	64.0	3.0
649	2019	6	11	611	1	R	13.406	-89.616	61.4	3.3
650	2019	6	11	616	14.2	R	12.830	-88.675	32.3	2.6
651	2019	6	11	1131	43.5	R	12.985	-89.272	37.9	2.7

652	2019	6	11	1713	4.9	R	13.078	-89.368	48.5	2.9
653	2019	6	11	1836	3.6	R	13.040	-90.315	17.1	3.4
654	2019	6	11	2218	51.7	R	12.871	-86.986	8.2	3.2
655	2019	6	11	2226	46.9	R	12.623	-88.259	14.7	3.0
656	2019	6	12	903	40	L	13.867	-89.656	3.9	1.3
657	2019	6	12	1404	11.7	R	13.061	-89.472	45.4	3.3
658	2019	6	12	1653	21.5	R	12.273	-89.302	17.0	3.3
659	2019	6	12	1659	53.9	R	12.752	-90.221	21.8	3.5
660	2019	6	12	2112	20.4	R	13.657	-90.283	71.9	3.4
661	2019	6	12	2357	55.5	R	13.202	-89.459	67.4	2.9
662	2019	6	13	108	55.1	R	13.147	-89.479	61.4	2.8
663	2019	6	13	112	37.1	R	13.046	-89.524	34.9	3.7
664	2019	6	13	331	10.3	R	14.375	-90.412	209.2	4.1
665	2019	6	13	641	28.9	R	13.296	-89.600	86.3	2.0
666	2019	6	13	921	6.6	R	13.358	-89.730	52.9	2.5
667	2019	6	13	1220	8.2	R	12.824	-88.646	33.2	2.8
668	2019	6	13	1548	3.1	R	13.542	-89.668	74.7	3.2
669	2019	6	13	1840	34.9	L	13.433	-88.268	0.0	1.1
670	2019	6	13	2041	6.7	L	13.254	-87.843	11.3	1.8
671	2019	6	13	2217	35.1	R	13.282	-89.927	32.3	2.8
672	2019	6	13	2320	34.6	R	12.196	-87.926	23.1	3.1
673	2019	6	13	2354	40.7	L	13.794	-89.463	10.8	2.0
674	2019	6	14	233	50.5	R	12.342	-87.920	14.3	3.8
675	2019	6	14	740	22.9	R	13.095	-89.530	55.8	3.3
676	2019	6	14	948	57.4	R	14.591	-89.112	11.1	2.4
677	2019	6	14	1107	48.7	R	12.847	-89.194	62.4	3.0
678	2019	6	14	1137	47.8	R	11.324	-87.410	34.2	3.9
679	2019	6	14	1626	27.5	R	14.210	-93.257	74.4	5.5
680	2019	6	14	1634	49.4	R	14.135	-92.867	21.4	4.9
681	2019	6	14	1715	48.3	R	13.263	-89.586	46.5	4.4
682	2019	6	14	1800	59.4	R	12.421	-87.762	15.8	3.3
683	2019	6	14	1917	21.3	R	14.927	-89.656	15.9	3.1
684	2019	6	14	2335	1.3	R	13.044	-89.024	47.4	3.7

685	2019	6	15	14	53.9	R	13.058	-90.654	17.9	3.4
686	2019	6	15	357	14.1	R	13.011	-89.024	35.7	2.7
687	2019	6	15	520	26.1	R	12.505	-87.968	26.7	2.9
688	2019	6	15	812	23.9	R	13.366	-89.288	75.9	2.7
689	2019	6	15	819	29.3	R	13.132	-89.341	39.8	2.5
690	2019	6	15	831	27.2	R	13.099	-89.142	61.2	2.7
691	2019	6	15	1054	7.8	R	12.085	-87.714	23.0	2.8
692	2019	6	15	1319	55.7	R	13.125	-89.497	46.9	2.8
693	2019	6	15	1357	33.2	R	12.990	-88.770	44.2	2.5
694	2019	6	16	53	30.9	R	13.533	-89.996	51.1	2.5
695	2019	6	16	243	28.7	L	13.442	-88.272	0.0	1.3
696	2019	6	16	737	17.4	R	15.464	-89.082	13.4	3.4
697	2019	6	16	946	45.7	R	13.105	-89.498	52.8	2.4
698	2019	6	16	1136	18	R	13.161	-89.277	49.8	3.2
699	2019	6	16	1744	19	R	12.962	-88.293	73.0	2.4
700	2019	6	16	2300	57.1	R	12.589	-88.273	66.1	2.3
701	2019	6	17	645	48.7	L	13.260	-87.653	12.0	2.4
702	2019	6	17	1037	24.1	R	12.967	-88.688	64.5	2.4
703	2019	6	17	1347	8	R	13.692	-91.315	14.5	3.7
704	2019	6	17	1407	59.2	R	13.107	-89.839	53.9	3.1
705	2019	6	17	1551	49.7	R	13.011	-89.484	46.6	2.6
706	2019	6	17	2042	36.7	R	13.340	-90.455	17.5	2.9
707	2019	6	17	2108	17.2	R	11.993	-89.002	15.1	4.1
708	2019	6	18	110	5.8	R	13.020	-89.435	48.3	3.6
709	2019	6	18	142	11.7	R	12.623	-87.575	29.5	3.5
710	2019	6	18	941	27.8	R	13.777	-89.978	101.1	2.6
711	2019	6	18	1331	13.9	R	13.069	-89.422	51.1	3.1
712	2019	6	18	1337	39.9	L	13.868	-89.680	3.7	0.9
713	2019	6	18	1708	17	L	13.237	-87.967	6.7	2.1
714	2019	6	18	1708	53.8	R	13.090	-90.021	24.4	2.8
715	2019	6	19	312	11.3	R	12.606	-88.032	29.7	2.5
716	2019	6	19	511	43.8	R	12.044	-87.899	15.9	3.2
717	2019	6	19	530	2.2	R	12.805	-88.914	15.0	2.3

718	2019	6	19	732	27.5	R	13.049	-89.576	53.9	2.4
719	2019	6	19	937	47.4	R	12.919	-88.908	31.6	2.7
720	2019	6	19	955	24.3	R	14.086	-89.876	6.1	1.9
721	2019	6	19	1418	31.6	R	12.664	-88.965	23.3	2.8
722	2019	6	20	112	13	R	13.249	-89.307	53.6	3.2
723	2019	6	20	339	33.6	R	11.885	-87.667	31.1	3.5
724	2019	6	20	411	32.2	R	12.100	-88.428	9.8	3.3
725	2019	6	20	448	47.9	R	14.330	-91.140	17.4	3.5
726	2019	6	20	502	0.9	L	13.282	-88.076	16.4	2.0
727	2019	6	20	502	33.9	R	12.780	-88.736	32.1	2.6
728	2019	6	20	541	1	R	13.090	-89.070	55.1	2.8
729	2019	6	20	822	49	R	12.971	-89.486	20.1	2.3
730	2019	6	20	1443	11.1	R	14.625	-89.105	1.1	3.4
731	2019	6	20	2252	50.1	R	13.023	-89.400	32.9	4.0
732	2019	6	21	717	19.3	R	13.183	-89.522	48.9	2.9
733	2019	6	21	804	17.3	R	13.113	-89.128	41.5	2.7
734	2019	6	21	856	15.8	R	13.898	-90.556	81.4	3.3
735	2019	6	21	1240	8.3	R	13.071	-89.470	51.2	2.5
736	2019	6	21	1451	0.3	R	12.958	-87.438	168.9	3.5
737	2019	6	21	1717	13.5	R	14.685	-92.270	111.2	4.3
738	2019	6	22	130	0.7	R	13.045	-89.036	35.0	3.1
739	2019	6	22	454	48.9	R	12.661	-88.359	32.8	2.5
740	2019	6	22	544	8.5	R	12.814	-88.717	22.7	2.6
741	2019	6	22	559	43.4	R	12.306	-87.652	15.5	3.0
742	2019	6	22	943	44	R	14.089	-89.917	118.7	3.0
743	2019	6	22	1411	42.4	R	12.961	-89.500	28.8	2.3
744	2019	6	22	1513	32.9	R	12.946	-89.081	15.0	2.8
745	2019	6	22	2129	12.5	R	13.015	-89.416	73.9	2.3
746	2019	6	22	2148	24.3	R	14.363	-93.062	124.6	4.9
747	2019	6	22	2231	35.7	R	14.081	-93.102	35.1	5.2
748	2019	6	23	447	18.1	R	13.037	-89.026	34.7	2.7
749	2019	6	23	603	39.7	R	14.319	-92.771	22.1	4.6
750	2019	6	23	625	50.8	R	12.999	-89.475	26.9	3.9

751	2019	6	23	714	8.5	L	13.868	-89.652	6.3	0.7
752	2019	6	23	901	18	R	11.967	-86.795	35.0	3.0
753	2019	6	23	1729	28.7	R	12.902	-88.988	14.4	2.4
754	2019	6	23	2305	37.9	R	13.037	-89.470	32.1	3.3
755	2019	6	24	151	57.6	R	12.913	-88.739	29.4	2.7
756	2019	6	24	253	51.6	R	13.250	-89.310	52.9	2.3
757	2019	6	24	320	17.2	R	13.085	-89.561	20.3	2.4
758	2019	6	24	711	23.5	R	12.977	-88.500	70.2	2.5
759	2019	6	24	1012	5.1	R	14.258	-92.783	15.0	4.8
760	2019	6	24	1046	34.2	R	13.028	-89.438	31.8	2.5
761	2019	6	24	1234	20.9	R	14.041	-92.430	35.0	4.0
762	2019	6	24	1239	41.7	R	13.032	-89.000	15.0	2.7
763	2019	6	24	1822	13.2	R	13.215	-89.877	29.5	2.9
764	2019	6	24	1842	6	R	13.110	-89.365	41.7	3.5
765	2019	6	25	241	9.2	R	13.189	-89.501	52.9	2.8
766	2019	6	25	614	54.4	R	13.255	-89.280	56.3	3.3
767	2019	6	25	1028	30	R	13.253	-90.007	25.5	3.0
768	2019	6	25	2108	48	R	12.972	-88.952	78.0	4.0
769	2019	6	26	219	31.8	R	13.222	-89.284	57.4	3.1
770	2019	6	26	523	55.4	R	8.730	-83.095	10.0	6.3
771	2019	6	26	832	53.5	R	12.720	-88.519	19.9	3.4
772	2019	6	26	1153	55.8	R	13.189	-89.470	69.4	2.4
773	2019	6	26	1956	56.7	R	13.111	-89.628	32.6	3.6
774	2019	6	26	2355	19.7	L	13.714	-89.322	0.1	1.3
775	2019	6	27	118	16.3	R	13.203	-89.991	32.4	3.1
776	2019	6	27	520	13.3	R	12.680	-88.720	20.5	2.6
777	2019	6	27	704	32.7	R	12.898	-88.408	64.3	2.4
778	2019	6	27	755	59	R	13.979	-91.428	10.1	3.0
779	2019	6	27	90	0	L				0.0
780	2019	6	27	1007	40.4	R	13.129	-91.012	19.2	3.1
781	2019	6	27	2208	21.3	R	10.293	-88.838	5.0	3.5
782	2019	6	27	2324	53.4	L	13.769	-89.405	16.6	2.3
783	2019	6	27	2327	29.9	L	13.719	-89.257	0.2	1.8



784	2019	6	28	257	57.9	R	13.153	-89.358	51.7	2.7
785	2019	6	28	600	24.2	R	13.092	-88.652	70.0	2.2
786	2019	6	28	637	19.9	R	12.675	-87.967	72.4	2.9
787	2019	6	28	830	6.5	R	13.072	-89.238	52.7	4.0
788	2019	6	29	133	28.4	R	13.040	-88.541	60.6	2.6
789	2019	6	29	533	4.2	R	13.282	-89.460	68.9	2.6
790	2019	6	29	604	4.7	R	12.844	-88.856	26.0	3.2
791	2019	6	29	633	42.5	R	12.140	-87.954	15.4	3.1
792	2019	6	29	740	3.9	R	11.692	-87.275	35.4	3.0
793	2019	6	29	836	41.4	R	11.547	-86.983	35.2	2.8
794	2019	6	29	1018	10.6	R	13.719	-90.262	77.6	2.7
795	2019	6	29	1044	47.4	R	12.937	-87.988	10.4	2.2
796	2019	6	29	1902	6.7	R	13.252	-89.475	54.7	2.6
797	2019	6	29	2242	54.6	R	12.353	-88.147	24.7	3.0
798	2019	6	29	2319	44.7	R	12.989	-89.010	30.0	3.2
799	2019	6	30	448	11.3	R	13.280	-90.050	34.0	2.2
800	2019	6	30	943	25.6	R	12.928	-88.816	40.9	4.2
801	2019	6	30	950	10.5	R	14.512	-89.198	1.1	1.7
802	2019	6	30	953	43	R	13.124	-89.485	46.4	3.4
803	2019	6	30	1245	7.8	L	13.272	-87.893	6.1	1.6
804	2019	6	30	1818	53.6	R	12.962	-88.869	13.2	2.8
805	2019	7	1	4	35.2	R	13.016	-89.436	42.5	3.9
806	2019	7	1	115	41.6	R	13.249	-89.378	75.3	3.3
807	2019	7	1	434	55.5	R	13.114	-89.492	43.3	2.6