

CATALOG 2018

DATE	TIME (GMT)	LAT (N)	LONG (E)	DEPTH (km)	MAGNITUDE (Local)
2018-1-01	13 56 26.79	39.674	19.726	5.1	3.4
2018-1-04	13 27 53.37	42.977	20.009	6.9	2.8
2018-1-04	15 52 52.21	42.945	19.945	2.7	2.5
2018-1-04	16 25 30.74	42.961	20.291	1.4	2.6
2018-1-04	19 47 14.39	42.953	20.082	0.5	2.9
2018-1-04	23 01 31.99	42.970	20.139	0	2.5
2018-1-05	1 51 20.03	41.032	20.677	14.8	2.1
2018-1-07	13 55 7.16	39.805	20.032	0.4	1.7
2018-1-08	2 01 14.22	40.856	19.662	3.6	1.5
2018-1-08	5 09 46.74	41.080	19.801	2.0	1.1
2018-1-08	15 55 44.3	42.676	19.931	0.6	1.6
2018-1-09	10 41 17.21	42.436	20.369	21.6	2.1
2018-1-12	1 17 26.22	42.994	20.106	9.6	2.3
2018-1-13	15 05 24.68	40.111	18.737	26.3	2.8
2018-1-13	17 06 2.66	41.109	20.869	2.6	2.3
2018-1-12	22 25 28.72	42.508	20.349	22.4	2.4
2018-1-15	19 26 57.57	41.230	20.879	0	1.5
2018-1-16	23 35 6.28	42.993	19.850	9.3	2.7
2018-1-17	4 22 8.96	40.827	20.597	0	2.0
2018-1-19	4 17 28.99	41.684	21.405	0.3	3.3
2018-1-21	12 05 4.82	38.749	19.787	35.6	3.2
2018-1-21	18 05 29.62	41.030	21.325	7.2	2.3
2018-1-21	18 27 14.64	41.007	21.331	5.3	2.5
2018-1-22	9 12 22.05	38.884	22.617	3.0	3.4
2018-1-22	23 52 41.71	42.625	20.080	13.3	2.0
2018-1-23	6 33 30.23	42.117	20.245	6.8	1.3
2018-1-24	3 50 13.38	41.512	20.754	10.4	2.0
2018-1-26	18 17 31.02	39.844	20.388	2.9	1.5
2018-1-27	15 15 16.8	41.498	21.582	0.7	1.6
2018-1-27	18 29 14.15	41.644	16.723	51.8	3.9
2018-1-28	00 48 28.89	39.825	20.713	22.8	2.1
2018-1-28	4 08 57.31	39.900	20.803	26.4	2.8
2018-1-28	5 37 42.73	39.865	20.701	27.7	3.0
2018-1-31	1 46 35	39.837	20.776	10.5	2.2
2018-2-04	20 28 7.74	40.200	20.525	6.9	1.7
2018-2-05	03 03 56.94	39.805	20.681	14.0	2.8
2018-2-05	15 18 9.36	40.086	20.383	24.9	2.2
2018-2-05	15 45 52.15	40.225	20.528	0.6	2.0
2018-2-05	20 23 39.50	41.913	20.141	0.5	1.9
2018-2-06	22 08 52.81	41.541	20.193	20.8	1.9
2018-2-07	03 01 7.24	41.937	20.170	1.5	1.2
2018-2-08	15 54 0.95	40.313	20.414	8.8	2.4
2018-2-09	16 35 39.89	41.494	20.290	2.5	1.8
2018-2-09	17 24 18.56	41.495	20.296	6.3	1.3
2018-2-09	19 45 6.29	41.530	20.292	11.0	1.5
2018-2-09	20 10 5.1	40.280	19.560	25.0	3.4
2018-2-11	33 34 3.86	41.197	20.257	15.9	2.4
2018-2-11	43 24 6.19	41.198	20.301	0.6	2.0
2018-2-11	13 05 20.27	42.686	19.969	4.0	4.6
2018-2-11	14 59 29.38	40.068	19.899	0.5	2.9
2018-2-11	15 17 55.24	40.046	19.892	0.4	2.2

2018-2-11	22	37	46.73	40.093	19.892	0.6	2.4
2018-2-12	05	58	17.72	39.553	20.642	0.6	4.0
2018-2-12	10	35	44.22	39.582	20.563	0.5	2.4
2018-2-13	04	24	41.47	39.744	20.759	11.5	3.0
2018-2-13	21	40	36.86	40.511	19.565	16.6	2.5
2018-2-13	22	17	13.51	41.110	20.231	6.7	2.3
2018-2-13	14	21	24.58	40.479	19.567	16.4	2.2
2018-2-13	14	21	24.58	40.479	19.567	16.4	2.2
2018-2-14	20	02	3.14	39.797	20.654	0.7	2.8
2018-2-15	3	07	1.80	40.552	21.380	6.4	2.5
2018-2-15	20	35	18.34	40.848	19.779	0.6	2.4
2018-2-15	13	43	31.79	40.104	19.914	0.4	2.2
2018-2-16	22	42	24.65	40.533	20.428	3.0	2.2
2018-2-17	13	8	8.19	40.343	20.515	1.9	1.4
2018-2-17	53	05	3.83	40.393	20.708	6.0	1.1
2018-2-17	53	21	9.48	40.397	20.708	2.2	2.3
2018-2-17	53	25	9.82	40.394	20.728	0.6	4.0
2018-2-17	6	10	38.52	40.402	20.700	13.8	1.4
2018-2-17	12	12	56.70	41.491	19.779	1.0	1.1
2018-2-17	14	23	27.21	39.888	20.642	5.0	1.5
2018-2-17	15	00	29.97	39.767	20.710	25.6	2.7
2018-2-17	20	25	42.24	39.939	20.643	12.6	1.7
2018-2-17	05	38	55.53	40.413	20.662	6.0	1.0
2018-2-18	04	30	53.16	41.501	20.328	12.2	1.5
2018-2-18	06	40	57.53	41.808	20.249	6.3	1.3
2018-2-18	12	85	6.05	40.653	19.844	6.1	1.8
2018-2-18	18	56	49.57	40.161	19.648	28.4	3.1
2018-2-19	17	22	39.86	40.123	19.885	1.7	1.9
2018-2-19	20	09	15.40	41.409	20.467	3.0	2.2
2018-2-20	03	25	38.39	41.268	20.148	3.0	2.4
2018-2-21	05	30	58.63	39.990	20.671	3.0	2.3
2018-2-21	05	48	43.47	40.004	20.681	2.1	2.0
2018-2-23	14	54	5.02	42.648	21.019	0.5	2.5
2018-2-24	6	42	0.48	41.958	20.231	11.1	3.1
2018-2-24	06	43	51.45	41.913	20.192	14.4	1.9
2018-2-24	18	33	57.42	40.526	21.185	10.3	2.6
2018-2-25	06	25	29.05	41.119	20.302	0.6	2.0
2018-2-25	21	22	47.69	41.806	20.266	4.4	1.3
2018-2-26	1	38	39.30	40.034	19.839	6.6	1.4
2018-2-26	15	04	16.15	41.813	19.620	25.9	4.2
2018-2-26	15	04	17.34	41.800	19.733	9.5	3.7
2018-2-26	16	36	12.31	41.857	19.771	26.8	3.6
2018-2-26	17	03	31.14	41.787	19.786	3.4	1.9
2018-2-26	18	01	31.67	41.773	19.754	15.1	2.2
2018-2-26	16	36	12.16	41.812	19.750	26.2	3.5
2018-2-26	16	36	12.04	41.810	19.753	27.6	3.5
2018-2-26	16	42	1.83	41.799	19.787	6.0	1.6
2018-2-27	23	52	11.48	42.672	19.986	3.0	2.3
2018-2-28	10	58	10.74	40.859	20.002	0.0	2.5
2018-3-10	5	13	28.8	40.905	19.855	0.5	1.9
2018-3-10	7	45	29.49	42.554	20.260	2.0	2.5
2018-3-01	8	48	38.46	40.164	19.872	20.3	1.9
2018-3-02	1	44	22.54	39.771	20.712	0.0	1.6
2018-3-04	4	14	26.97	40.122	19.792	3.0	2.2
2018-3-04	14	3	0.34	42.586	19.820	7.6	2.9
2018-3-05	10	19	38.29	42.360	20.351	0.0	2.9
2018-3-05	18	22	45.98	41.999	20.437	5.2	1.6
2018-3-05	21	45	14.71	39.915	20.651	3.4	2.2

2018-3-06	3	49	41.22	39.691	20.454	5.7	1.5
2018-3-08	11	23	57.19	42.493	18.912	29.3	2.8
2018-3-08	17	55	57.45	41.785	19.861	6.1	2.4
2018-3-09	0	41	37.57	42.596	20.017	19.3	2.1
2018-3-09	15	14	54.2	40.703	20.647	6.1	2.0
2018-3-09	19	38	48.54	41.100	20.384	1.7	2.3
2018-3-09	23	26	52.79	39.314	20.387	2.0	2.6
2018-3-10	5	51	54.07	39.484	20.574	25.0	2.2
2018-3-10	12	49	13.47	40.351	19.540	16.3	2.3
2018-3-11	1	34	34.97	40.120	19.812	10.1	2.0
2018-3-11	16	6	46.81	39.755	20.763	0.0	2.5
2018-3-14	4	20	47.05	41.225	20.284	16.1	3.2
2018-3-14	8	20	49.92	41.889	20.211	19.1	2.9
2018-3-14	13	55	46.53	41.196	20.290	1.0	3.1
2018-3-14	14	6	16.83	41.157	20.251	6.4	2.4
2018-3-14	17	56	22.43	40.909	19.904	6.0	2
2018-3-14	19	6	8.55	40.568	20.240	3.0	1.8
2018-3-15	11	26	17.23	40.807	19.699	1.1	2.1
2018-3-15	19	17	45.02	39.769	20.699	22.6	1.4
2018-3-16	13	31	10.9	41.419	21.503	3.0	2.5
2018-3-16	16	20	49.54	40.380	20.172	10.8	3
2018-3-16	18	3	14.91	40.900	19.790	15.0	2.1
2018-3-18	17	45	24.16	41.841	20.166	20.5	2.5
2018-3-18	21	55	8.99	40.267	19.780	2.0	2.6
2018-3-19	20	37	36.69	41.868	20.191	12.0	2.1
2018-3-19	22	6	44.54	41.105	20.141	1.0	1.9
2018-3-20	0	55	8.94	42.424	20.265	31.3	3.4
2018-3-20	1	31	27.34	40.640	21.625	0.0	2
2018-3-21	22	55	51.69	40.275	19.769	3.0	2.6
2018-3-22	0	56	14.04	40.565	20.824	6.0	1.9
2018-3-22	17	32	58.24	39.224	16.501	50.0	3.1
2018-3-23	23	31	54.81	40.817	17.684	39.0	4
2018-3-24	5	24	37.31	41.867	20.179	10.2	2.1
2018-3-27	8	11	55.25	39.287	20.670	28.4	3.8
2018-3-27	15	22	34.93	39.295	20.636	37.7	3.1
2018-3-27	15	28	26.5	44.699	15.912	0.0	3.5
2018-3-27	21	42	7.73	40.214	19.788	0.4	2.3
2018-3-29	0	21	16.4	40.180	20.030	2.3	3
2018-3-30	16	42	26.42	39.864	20.699	0.0	2.7
2018-3-31	8	25	27.51	40.592	19.708	2.0	2.4
2018-3-31	11	29	16.14	40.252	20.571	1.8	1.7
2018-4-01	10	18	31.81	39.017	20.202	35.2	3.1
2018-4-02	20	16	19.46	39.497	20.640	0.5	1.9
2018-4-03	0	0	44	39.821	20.649	6.0	1.5
2018-4-04	4	16	8.16	41.297	20.316	4.0	1.8
2018-4-04	16	54	38.22	39.413	20.307	24.0	3
2018-4-05	19	17	6.32	39.468	20.469	1.0	2.6
2018-4-05	1	1	42.4	40.181	19.826	7.3	1.7
2018-4-06	15	7	35.53	39.454	20.435	2.1	3.6
2018-4-07	17	45	53.57	40.320	19.715	4.0	2
2018-4-08	14	37	32.32	39.137	20.019	46.1	4.3
2018-4-09	4	33	42.3	40.789	20.252	7.0	1.7
2018-4-10	13	17	6.51	40.345	19.403	27.6	4.1
2018-4-10	18	28	24.41	40.367	19.496	19.9	2.8
2018-4-11	10	25	42.54	40.307	19.420	18.1	3
2018-4-11	11	20	59.39	39.803	20.688	6.1	1.7
2018-4-11	12	38	24.42	41.610	20.244	6.4	1.8
2018-4-11	16	13	47.55	39.335	20.711	21.9	1.8

2018-4-11	13	59	40.55	39.322	20.803	0.6	2
2018-4-13	9	39	48.57	40.053	20.578	1.8	2
2018-4-13	16	9	51.34	40.555	20.428	6.1	2.5
2018-4-14	1	53	34.81	39.887	20.750	6.0	1.6
2018-4-14	2	58	46.07	39.852	20.701	0.6	1.8
2018-4-14	12	49	45.88	40.186	21.178	16.6	2.5
2018-4-14	19	23	23.27	39.696	20.708	27.4	2.5
2018-4-15	1	58	42.78	39.709	20.838	0.4	3.8
2018-4-15	7	48	16.59	39.788	20.704	6.1	2.4
2018-4-16	10	56	25.76	39.318	21.156	20.8	2.5
2018-4-16	9	56	5.79	39.317	21.506	21.2	1.7
2018-4-16	23	51	29.04	40.774	19.955	2.0	2.5
2018-4-17	20	48	36.23	39.442	20.336	3.6	2.2
2018-4-19	5	35	57.99	41.933	20.294	4.9	3.7
2018-4-19	11	27	55.76	40.088	20.562	10.4	2.2
2018-4-20	21	37	45.44	40.164	20.428	3.7	2.2
2018-4-21	1	9	32.53	42.520	20.105	5.4	2
2018-4-21	7	2	4.98	39.892	19.937	5.9	2.2
2018-4-21	18	49	58.2	39.885	19.937	5.4	2.1
2018-4-21	22	52	9.23	39.881	19.982	6.0	2.2
2018-4-23	0	39	31.39	39.437	20.412	12.7	2.4
2018-4-23	4	21	41.67	39.755	20.707	0.1	2.1
2018-4-24	0	54	3.52	39.478	20.373	9.1	2.9
2018-4-24	17	4	36.15	40.501	19.492	19.9	2.3
2018-4-24	21	41	40.57	42.391	20.217	2.2	2.3
2018-4-25	12	11	13.75	39.387	20.933	0.7	2.3
2018-4-25	17	30	20.82	39.798	20.707	1.1	1.7
2018-4-26	15	21	49.28	40.739	19.839	2.7	1.8
2018-4-27	5	51	0.57	41.546	19.510	32.8	3.1
2018-4-27	9	15	50.4	39.795	20.698	2.0	2.3
2018-5-01	4	14	49.01	42.350	19.305	26.5	3.0
2018-5-01	14	4	54.56	38.448	21.768	50.6	2.7
2018-5-01	20	50	45.05	38.279	24.043	22.9	4.0
2018-5-02	2	40	17.15	42.267	20.027	4.4	2.7
2018-5-03	1	52	26.47	40.018	19.872	3.0	2.4
2018-5-03	2	4	35.88	40.274	26.395	10.2	4.0
2018-5-04	22	11	57.75	40.861	21.206	0.3	2.7
2018-5-04	22	19	21.07	39.867	20.614	0.5	2.2
2018-5-05	5	0	28.67	39.308	20.132	40.0	3.5
2018-5-08	21	32	39.58	41.270	19.619	8.9	1.6
2018-5-09	3	22	45.03	40.526	19.687	4.0	2.1
2018-5-09	3	26	43.83	39.422	20.504	0.4	2.2
2018-5-10	7	46	15.31	39.452	20.763	6.0	3.0
2018-5-10	18	42	27.21	38.301	20.660	18.3	3.1
2018-5-11	4	55	43.86	39.536	20.875	2.0	1.6
2018-5-12	20	58	41.98	39.802	20.548	0.4	1.4
2018-5-14	10	56	43.85	40.282	19.782	17.4	4.3
2018-5-14	11	23	20.96	40.254	19.757	0.5	3.7
2018-5-14	12	36	46.13	40.262	19.774	16.4	2.5
2018-5-14	13	2	37.85	39.482	20.449	2.0	2.2
2018-5-14	13	17	7.80	40.294	19.810	2.1	1.9
2018-5-15	6	31	4.42	40.288	19.788	21.6	3.5
2018-5-15	0	4	16.87	39.398	20.239	1.0	2.6
2018-5-15	5	21	49.56	40.349	19.845	6.1	1.3
2018-5-15	7	38	54.86	40.290	19.742	0.6	2.0
2018-5-16	5	53	2.94	39.615	20.305	19.1	2.5
2018-5-16	20	41	9.76	41.267	20.131	4.0	2.3
2018-5-16	21	33	19.19	40.293	19.804	2.0	1.8

2018-5-17	12	38	16.64	40.274	19.804	3.5	3.1
2018-5-17	17	13	5.57	40.368	19.514	14.9	1.4
2018-5-17	19	38	1.66	40.264	19.786	2.0	1.8
2018-5-17	19	43	38.83	40.255	19.758	0.4	2.3
2018-5-17	22	6	58.24	40.315	19.803	3.4	1.3
2018-5-18	7	10	45.42	39.774	20.671	12.1	2.5
2018-5-19	14	59	11.65	39.815	20.308	10.1	2.7
2018-5-19	18	14	40.64	40.290	19.795	15.2	4.5
2018-5-19	18	19	42.79	40.273	19.796	2.0	2.2
2018-5-19	18	41	31.61	40.327	19.822	4.6	1.6
2018-5-19	19	3	44.34	40.297	19.827	17.6	1.9
2018-5-19	19	40	46.10	40.306	19.813	1.4	2.0
2018-5-19	20	36	48.02	40.281	19.805	2.0	1.8
2018-5-19	21	8	25.53	40.309	19.808	8.9	1.8
2018-5-20	3	15	59.59	40.133	20.013	5.0	2.3
2018-5-20	5	56	58.73	40.280	19.804	0.7	1.8
2018-5-20	10	54	50.04	40.115	19.960	2.3	1.6
2018-5-20	11	46	49.71	40.371	21.150	7.5	2.1
2018-5-20	13	32	43.83	40.325	19.784	5.1	2.3
2018-5-20	12	34	17.39	40.284	19.801	0.3	2.0
2018-5-20	16	24	39.11	40.273	19.819	5.0	1.3
2018-5-20	21	51	29.54	40.266	19.849	0.5	1.6
2018-5-21	2	34	12.96	40.299	19.826	13.7	3.0
2018-5-21	4	11	14.33	40.025	20.485	1.7	1.3
2018-5-21	13	21	46.89	39.141	20.532	29.5	2.4
2018-5-22	23	10	41.69	40.568	20.923	5.9	2.0
2018-5-23	1	6	45.69	40.314	19.801	14.4	1.3
2018-5-23	1	25	53.64	39.505	20.601	0.3	2.2
2018-5-23	7	19	10.42	39.526	20.557	15.7	3.1
2018-5-23	7		2.00	40.772	20.935	1.0	1.7
2018-5-23	11	27	23.25	39.492	20.563	1.0	2.1
2018-5-23	13	6	49.46	40.792	19.701	5.9	2.3
2018-5-24	11	21	17.94	40.009	20.649	6.0	2.0
2018-5-24	15	21	11.39	41.173	19.990	16.4	1.7
2018-5-24	15	26	23.35	41.172	19.811	35.5	2.9
2018-5-24	17	9	11.73	41.660	19.839	22.1	2.0
2018-5-25	11	26	46.36	40.490	21.818	0.4	1.9
2018-5-25	19	29	55.23	41.350	20.886	5.8	2.2
2018-5-25	22	50	12.38	41.342	20.905	5.8	3.2
2018-5-25	22	59	17.39	41.361	20.917	6.2	3.1
2018-5-25	23	21	16.13	41.323	20.877	5.7	2.6
2018-5-26	0	1	17.73	40.301	19.783	2.0	1.8
2018-5-26	0	14	30.00	40.284	19.798	2.5	1.5
2018-5-26	4	1	15.50	42.154	20.546	14.8	2.4
2018-5-26	8	5	44.72	41.191	20.755	40.0	2.0
2018-5-26	10	34	7.46	41.400	20.954	0.5	1.9
2018-5-26	18	40	23.88	41.426	20.979	1.5	2.5
2018-5-26	19	2	56.83	40.943	20.012	1.1	2.1
2018-5-26	20	38	27.14	41.492	21.051	12.1	1.9
2018-5-27	1	11	37.33	39.342	20.801	0.5	1.6
2018-5-27	5	7	20.75	39.488	20.619	0.6	1.8
2018-5-27	6	33	28.10	40.268	19.754	21.2	3.8
2018-5-27	7	11	12.23	40.295	19.828	2.0	2.5
2018-5-27	15	33	11.75	39.425	20.286	2.0	3.2
2018-5-28	6	14	55.51	39.245	20.704	1.3	1.3
2018-5-28	21	1	53.77	40.139	20.019	3.0	2.2
2018-5-29	10	58	6.20	40.027	20.649	29.0	2.4
2018-5-30	2	3	47.35	40.256	19.784	2.0	1.5

2018-5-30	11	21	2.86	42.854	17.662	0.5	3.6
2018-5-31	1	14	14.68	40.105	20.781	1.3	2.5
2018-5-31	1	20	10.90	41.134	20.141	2.1	2.5
2018-5-31	2	7	46.50	39.451	20.388	2.0	1.4
2018-5-31	7	56	20.02	40.116	20.723	9.4	1.8
2018-5-31	9	23	51.25	40.021	20.826	2.6	1.5
2018-5-31	11	36	13.93	40.101	20.787	2.0	2.0
2018-6-01	19	34	28.35	39.377	21.540	7.2	3.0
2018-6-01	3	54	2.13	40.262	19.751	24.0	2.4
2018-6-02	20	13	17.55	41.876	20.076	4.9	2.6
2018-6-02	20	16	46.66	41.873	20.100	4.0	2.3
2018-6-02	22	26	34.15	42.795	19.604	14.6	2.2
2018-6-03	3	02	27.72	39.690	19.879	4.0	2.2
2018-6-03	7	28	9.90	40.725	19.542	11.2	2.4
2018-6-04	11	23	49.16	39.068	20.627	34.2	2.4
2018-6-04	20	45	38.10	41.592	19.806	25.0	1.8
2018-6-05	7	34	25.60	40.602	22.980	53.2	2.9
2018-6-05	15	22	39.74	41.579	20.310	1.1	1.8
2018-6-05	20	21	29.32	41.123	20.072	25.0	2.6
2018-6-06	2	22	23.38	40.707	19.731	11.2	2.6
2018-6-06	2	53	46.66	39.588	20.556	2.5	1.6
2018-6-03	7	28	10.60	40.769	19.678	3.0	2.3
2018-6-06	10	29	33.06	40.575	19.558	26.0	3.4
2018-6-07	2	19	2.930	41.078	20.303	4.0	1.9
2018-6-09	5	29	46.92	42.143	20.515	16.1	2.5
2018-6-09	5	31	17.42	42.463	20.316	46.8	2.6
2018-6-09	19	31	33.76	39.822	20.669	2.1	1.9
2018-6-09	22	23	5.830	39.810	20.618	30.4	2.1
2018-6-10	7	18	40.99	41.279	20.169	4.2	2.1
2018-6-10	7	20	57.38	39.797	20.801	7.4	2.2
2018-6-10	8	42	17.77	39.807	20.749	0.5	2.2
2018-6-10	8	43	6.59	40.261	20.533	9.1	2.1
2018-6-10	10	57	24.85	39.853	20.766	0.5	2.0
2018-6-10	13	11	27.16	40.542	20.918	20.0	2.3
2018-6-10	13	43	4.72	42.022	20.487	31.8	2.2
2018-6-11	6	11	26.67	41.307	20.146	10.4	2.9
2018-6-11	23	57	33.11	41.126	21.008	25.0	1.8
2018-6-12	2	39	20.71	41.192	20.035	0.4	1.0
2018-6-12	3	49	41.38	40.268	19.743	23.6	2.5
2018-6-12	23	47	39.11	40.690	19.861	3.0	2.2
2018-6-13	1	50	57.42	40.265	19.793	26.2	4.2
2018-6-13	2	10	20.39	40.243	19.786	12.1	1.5
2018-6-13	2	13	8.560	40.392	19.447	1.5	1.2
2018-6-13	2	16	12.52	40.240	19.781	0.4	1.3
2018-6-13	3	08	25.41	40.252	19.832	9.5	2.8
2018-6-13	4	31	30.41	40.278	19.754	26.6	2.2
2018-6-13	5	14	20.75	40.275	19.772	0.5	2.1
2018-6-14	1	31	3.63	41.492	20.499	6.2	2.1
2018-6-16	12	02	43.70	40.257	19.735	10.0	2.1
2018-6-16	20	20	7.20	40.288	21.082	0.5	2.1
2018-6-17	4	0	30.00	39.172	20.614	10.7	3.5
2018-6-17	8	09	37.64	40.212	19.770	26.9	3.1
2018-6-17	10	02	15.67	42.492	19.227	8.2	3.7
2018-6-18	3	07	2.09	39.802	20.689	6.4	2.1
2018-6-18	6	02	14.75	40.101	19.947	12.8	2.3
2018-6-18	12	00	47.73	39.706	20.420	0.5	2.0
2018-6-19	11	42	25.23	40.169	19.774	0.4	3.0
2018-6-19	21	19	31.91	40.105	19.772	25.9	2.0

2018-6-20	1	33	13.45	39.781	20.709	4.0	2.4
2018-6-22	1	00	28.26	40.247	19.779	3.0	1.8
2018-6-23	23	38	56.15	40.549	19.922	4.0	3.3
2018-6-24	8	1	1.67	40.546	19.964	7.8	3.0
2018-6-24	2	49	18.97	41.389	20.106	6.9	2.4
2018-6-24	3	48	28.12	41.427	20.086	4.0	2.5
2018-6-24	8	06	55.36	41.419	20.007	18.0	2.4
2018-6-24	17	26	23.69	40.483	20.120	0.5	2.6
2018-6-24	17	59	13.48	40.454	20.057	5.4	2.7
2018-6-25	4	28	28.46	41.398	20.935	25.1	2.7
2018-6-30	14	37	19.29	42.112	19.523	36.6	0.3
2018-7- 1	21	28	16.71	38.256	20.572	7.3	2.3
2018-7- 1	22	31	19.28	38.524	21.426	0.0	2.5
2018-7- 1	22	52	20.37	36.913	20.875	39.9	3.9
2018-7- 3	19	29	53.11	39.724	20.961	10.7	3.9
2018-7- 3	19	49	30.88	39.984	22.470	6.6	2.6
2018-7- 3	19	54	48.1	40.065	22.409	20.5	2.3
2018-7- 4	9	1	7.06	41.466	19.495	18.4	5.1
2018-7- 4	9	8	56.11	41.484	19.483	22.2	4.3
2018-7- 4	9	11	30.58	41.551	19.636	31.9	3.1
2018-7- 4	9	16	21.17	41.428	19.495	12.3	2.7
2018-7- 4	9	17	8.05	41.428	19.359	25.0	2.6
2018-7- 4	9	23	20.89	41.484	19.521	10.0	2.3
2018-7- 4	9	25	34.8	41.500	19.599	18.7	2.6
2018-7- 4	9	28	25.44	41.459	19.705	25.3	2.8
2018-7- 4	9	36	11.5	41.475	19.939	17.4	2.8
2018-7- 4	9	40	43.09	41.427	19.461	25.3	2.8
2018-7- 4	9	43	38.02	41.494	19.536	14.1	2.7
2018-7- 4	9	46	11.43	41.486	19.499	12.2	2.6
2018-7- 4	9	50	1.66	41.453	19.471	25.1	2.8
2018-7- 4	10	19	19.75	41.469	19.427	27.9	2
2018-7- 4	10	25	2.61	41.477	19.560	27.9	2.9
2018-7- 4	10	34	5.6	41.516	19.594	24.3	2.8
2018-7- 4	11	2	8.7	41.471	19.676	26.3	2.1
2018-7- 4	11	18	12.22	41.467	19.610	15.4	2.1
2018-7- 4	11	22	39.14	41.476	19.625	25.1	2
2018-7- 4	11	24	18.22	41.463	19.467	14.0	4.2
2018-7- 4	11	30	45.1	41.503	19.686	24.9	3.3
2018-7- 4	11	32	15.98	41.525	19.427	24.2	3.4
2018-7- 4	11	35	29.58	41.510	19.516	29.7	3.9
2018-7- 4	11	42	22.03	41.589	19.534	46.1	3.6
2018-7- 4	11	52	58.25	41.482	19.696	23.6	2.4
2018-7- 4	11	57	16.78	41.420	19.573	24.5	2
2018-7- 4	12	6	16.85	41.505	19.647	26.3	3.1
2018-7- 4	12	48	31.43	41.463	19.601	16.5	2.2
2018-7- 4	12	55	52.67	41.470	19.561	25.0	26
2018-7- 4	13	33	28.58	41.466	19.603	18.5	3.9
2018-7- 4	15	52	36.11	41.478	19.599	28.7	3
2018-7- 4	13	53	7.33	41.562	19.505	49.8	2.7
2018-7- 4	16	31	56.47	41.469	19.480	25.5	2.8
2018-7- 4	16	36	5.83	41.451	19.544	29.0	3.9
2018-7- 4	17	11	1.86	41.466	19.330	24.5	2.7
2018-7- 4	21	7	43.16	41.461	19.517	29.3	2.3
2018-7- 4	22	26	44.39	41.493	19.542	25.1	1.7
2018-7- 4	23	32	27.35	41.523	19.560	30.9	2.7
2018-7- 5	0	48	55.65	41.513	19.469	14.6	3.4
2018-7- 5	1	39	45.05	42.401	18.860	26.6	3.8
2018-7- 5	2	9	28.41	41.567	19.490	41.8	3.9

2018-7- 5	3	17	47.71	41.483	19.621	17.9	3
2018-7- 5	4	20	5.12	41.461	19.483	6.2	3.1
2018-7- 5	4	33	27.24	41.507	19.595	24.3	2.5
2018-7- 5	7	23	12.23	41.442	19.663	15.2	2.7
2018-7- 5	7	54	48.5	41.455	19.506	25.0	2.4
2018-7- 5	7	54	52.13	41.552	19.879	1.8	1.8
2018-7- 5	10	26	40.43	41.463	19.513	27.1	2.9
2018-7- 5	11	3	2.15	41.494	19.456	24.9	3.5
2018-7- 5	14	34	10.07	41.454	19.654	20.6	2.1
2018-7- 5	14	42	15.59	41.496	19.554	4.1	2.2
2018-7- 5	21	0	9.21	41.471	19.533	11.0	2.2
2018-7- 5	21	25	32.6	41.475	19.464	30.1	2
2018-7- 5	22	23	41.86	41.315	19.392	23.3	2.4
2018-7- 5	22	48	59.62	41.456	19.474	22.9	4.3
2018-7- 5	22	51	25.39	41.494	19.550	24.7	3.7
2018-7- 6	0	12	45.21	41.631	19.403	49.8	2.4
2018-7- 6	1	11	52.08	41.508	19.638	20.8	2.2
2018-7- 6	1	27	54.66	41.502	19.626	11.3	1.8
2018-7- 6	3	51	23.46	41.829	19.765	26.0	3.3
2018-7- 6	5	28	53.7	41.512	19.630	25.5	2.1
2018-7- 6	7	40	9.68	41.529	19.801	0.0	2.3
2018-7- 6	8	50	59.34	41.515	19.870	0.0	1.5
2018-7- 6	8	57	7.62	41.443	19.615	22.9	2
2018-7- 6	9	42	39.23	41.915	20.171	3.9	3.7
2018-7- 6	11	23	25.62	41.504	19.446	29.3	2.6
2018-7- 6	15	24	32.5	41.462	19.521	13.6	2.8
2018-7- 6	15	28	10.63	40.136	19.725	4.1	2.2
2018-7- 6	17	29	59.65	41.486	19.543	25.0	2
2018-7- 6	19	8	35.63	40.237	19.787	0.0	2.5
2018-7- 6	21	11	16.7	41.503	19.591	10.5	2.7
2018-7- 6	21	20	52.87	40.283	19.803	2.0	2.1
2018-7- 6	21	27	44.02	41.526	19.637	15.7	1.6
2018-7- 7	0	26	47.46	41.497	19.636	6.1	2.3
2018-7- 7	0	50	21.52	41.487	19.564	9.0	2.1
2018-7- 7	0	59	12.11	41.912	20.159	6.1	3.3
2018-7- 7	5	1	40.81	42.295	18.988	24.5	2.1
2018-7- 7	7	41	37.77	41.516	19.514	31.3	3.1
2018-7- 7	17	2	27.51	41.460	19.580	15.5	2.1
2018-7- 8	0	4	22.38	41.465	19.551	25.0	1.9
2018-7- 8	2	28	28.32	41.493	19.588	1.8	1.5
2018-7- 8	19	19	39.72	40.712	20.907	0.2	2.1
2018-7- 8	21	11	31.83	41.481	19.577	19.0	2
2018-7- 8	22	25	30.59	41.500	19.592	18.3	2.2
2018-7- 8	22	49	49.69	41.500	19.668	17.5	1.8
2018-7- 8	23	40	28.17	42.416	18.936	28.7	2.5
2018-7- 9	2	25	40.45	41.461	19.524	25.0	2.5
2018-7- 9	3	52	29.42	41.478	19.676	18.9	1.8
2018-7- 9	6	6	4.67	42.400	18.130	24.5	3.3
2018-7- 9	10	57	21.96	41.471	19.676	20.0	2.1
2018-7- 9	12	58	52.34	41.474	19.662	20.0	2.2
2018-7- 9	21	47	45.69	41.514	19.776	18.4	2.1
2018-7- 9	22	59	25.02	41.523	19.611	14.8	1.9
2018-7-10	2	17	56.93	42.405	18.954	37.4	3.6
2018-7-10	5	23	51.56	41.478	19.493	23.5	2
2018-7-10	11	46	59.6	42.056	19.425	24.3	1.8
2018-7-10	18	32	27.97	42.369	18.970	24.9	2.6
2018-7-11	5	33	29.27	41.337	19.458	20.0	1.9
2018-7-11	6	3	40.11	40.989	20.953	20.0	2.1



2018-7-11	10	56	54.86	41.463	19.667	17.3	1.9
2018-7-11	11	49	36.7	41.452	19.558	21.6	1.7
2018-7-11	13	52	22.64	41.494	19.636	13.6	2.4
2018-7-11	14	0	19.3	41.446	19.641	15.0	2.5
2018-7-11	15	44	32.35	41.471	19.562	18.3	2.3
2018-7-11	21	9	38.69	41.115	20.236	22.6	2.7
2018-7-11	21	25	51.43	40.628	21.360	8.9	1.9
2018-7-12	2	10	59.27	41.444	19.585	17.7	1.8
2018-7-12	2	37	55.93	41.509	19.731	25.3	2.3
2018-7-12	0	26	54.37	40.581	20.780	12.0	1.3
2018-7-12	3	37	43.51	40.648	20.671	16.5	2.1
2018-7-12	7	10	2.28	41.097	20.147	6.9	2.5
2018-7-12	13	59	19.48	41.446	19.758	18.1	2
2018-7-12	14	38	6.64	41.482	19.609	20.0	2.1
2018-7-12	19	51	13.4	41.471	19.488	25.4	1.8
2018-7-13	0	9	47.04	41.472	19.462	25.0	2
2018-7-13	1	2	31.74	41.471	19.639	19.3	1.7
2018-7-13	1	6	59.29	41.516	19.687	10.8	1.4
2018-7-13	3	36	29.77	41.494	19.484	25.7	2.3
2018-7-13	3	46	37.6	41.463	19.503	20.0	1.8
2018-7-13	7	28	29.75	41.486	19.568	17.9	2
2018-7-13	7	46	31.8	41.458	19.474	25.1	2.4
2018-7-13	8	23	52.37	41.490	19.499	29.3	3.1
2018-7-13	8	25	30.68	41.479	19.495	20.0	1.7
2018-7-13	8	26	23.08	41.509	19.581	25.5	2.1
2018-7-13	8	30	57.78	41.451	19.533	30.7	1.5
2018-7-14	2	50	55.3	38.936	16.286	50.7	4.7
2018-7-14	4	52	41.92	41.447	19.653	26.5	2.3
2018-7-14	8	6	18.9	41.455	19.609	20.0	2.3
2018-7-14	17	30	39.26	41.488	19.453	32.9	3
2018-7-14	19	11	18.21	41.469	19.501	32.2	2.6
2018-7-15	1	59	23.23	41.499	19.567	26.7	1.8
2018-7-15	2	52	16.55	41.469	19.624	26.2	1.9
2018-7-15	2	55	58.06	41.848	19.732	28.1	2.1
2018-7-15	4	37	47.89	39.971	20.016	26.6	2.6
2018-7-15	10	21	34.24	41.523	19.452	49.8	3.7
2018-7-15	11	57	5.32	41.480	19.425	31.8	1.7
2018-7-15	21	8	52.35	41.465	19.500	29.3	2.4
2018-7-16	4	18	48.62	41.489	19.585	20.7	1.7
2018-7-16	0	23	54.21	40.837	21.520	7.2	2.6
2018-7-16	5	50	40.31	41.473	19.683	29.0	2
2018-7-16	20	50	1.83	39.461	20.321	4.3	2.9
2018-7-16	23	46	20.47	41.480	19.510	2.3	1.6
2018-7-16	23	57	47.63	39.006	20.678	23.4	2.6
2018-7-17	1	41	37.21	40.293	19.823	1.9	1.8
2018-7-17	1	54	56.72	40.714	19.693	9.5	1.4
2018-7-17	2	24	33.42	41.457	19.653	25.0	1.8
2018-7-17	2	58	44.29	41.429	19.578	17.2	1.6
2018-7-17	13	5	7.6	41.109	19.789	35.9	4.7
2018-7-17	17	30	0	39.319	20.930	11.9	1.9
2018-7-17	20	51	19.41	41.516	19.653	18.5	2.4
2018-7-18	1	54	20.43	41.461	19.532	25.0	1.5
2018-7-18	6	49	46.47	39.779	20.672	27.0	4.2
2018-7-18	6	54	22.78	39.812	20.635	21.1	3.5
2018-7-18	8	1	55.49	39.813	20.663	23.4	3.4
2018-7-18	13	50	9.96	41.135	19.615	36.3	2.8
2018-7-18	13	53	2.46	40.992	19.612	9.3	1.2
2018-7-19	1	46	26.34	41.424	19.446	26.8	1.8

2018-7-19	15	20	27.33	41.456	19.558	25.0	1.8
2018-7-19	23	24	49.86	39.787	20.694	15.4	3.4
2018-7-20	3	56	58.27	40.041	20.091	1.7	2.2
2018-7-20	4	51	39.27	41.458	19.655	19.4	2
2018-7-20	18	58	53.2	41.504	19.608	15.9	2.1
2018-7-21	8	25	31.65	40.132	19.808	15.9	2.4
2018-7-21	13	46	26.2	40.931	19.810	28.2	3.7
2018-7-22	3	29	39.95	41.275	20.084	1.0	2.1
2018-7-22	3	33	22.58	41.488	19.560	20.9	2
2018-7-22	6	7	11.44	40.675	20.324	2.5	2.4
2018-7-23	10	15	18.04	41.495	19.678	23.9	1.9
2018-7-23	18	20	48.74	39.147	20.498	29.2	3
2018-7-24	1	49	38.9	42.041	20.500	12.2	2.7
2018-7-24	17	45	19.33	41.215	20.086	2.9	2.1
2018-7-24	21	36	22.14	40.236	20.329	29.0	2.5
2018-7-24	22	31	18.94	40.120	19.811	2.0	1.4
2018-7-24	23	19	30.19	41.750	19.434	11.9	1.8
2018-7-25	8	49	33.51	38.769	20.603	3.3	2.4
2018-7-26	3	45	2.42	41.111	20.204	6.0	1.9
2018-7-26	7	10	34.72	41.117	20.072	15.2	2.7
2018-7-26	21	43	27.68	42.421	20.008	7.9	2.6
2018-7-27	4	33	33.5	41.056	19.774	13.9	1.9
2018-7-27	12	5	45.12	39.286	20.501	43.4	1.8
2018-7-28	4	31	30.35	41.456	19.633	18.6	1.8
2018-7-28	4	37	33.3	41.162	19.900	20.1	1.9
2018-7-28	13	10	31.68	41.392	19.660	31.9	1.7
2018-7-28	20	42	29.55	40.705	19.578	20.7	2.3
2018-7-29	1	16	44.04	42.200	19.578	13.4	1.7
2018-7-29	1	25	19.13	40.353	19.558	14.2	1.8
2018-7-29	4	11	55.06	42.213	19.574	9.8	1.1
2018-7-29	4	23	9.88	41.452	19.638	17.2	1.7
2018-7-29	4	59	23.64	41.891	20.614	28.0	1.8
2018-7-29	11	17	38.28	38.518	20.204	25.0	3.2
2018-7-30	8	37	12.53	40.803	19.841	2.0	2.3
2018-7-30	19	48	33.66	41.457	19.593	30.8	2.9
2018-7-30	21	8	37.54	41.451	19.637	24.1	1.9
2018-7-30	21	8	37.61	41.453	19.641	25.2	1.9
2018-7-31	19	34	49.78	41.476	19.710	13.0	2.6
2018-7-31	21	49	58.87	41.467	19.550	9.5	1.4
2018-8- 1	23	10	30.99	40.935	19.759	14.6	1.5
2018-8- 2	11	46	3.27	40.684	19.624	19.4	1.8
2018-8- 2	16	37	44.21	39.777	20.638	27.5	3.2
2018-8- 3	3	38	24.17	40.282	20.524	2.0	2.0
2018-8- 3	17	10	5.21	38.903	19.963	15.6	2.9
2018-8- 3	20	13	16.73	40.968	20.589	1.1	2.3
2018-8- 3	20	37	29.00	40.977	20.641	18.6	2.5
2018-8- 3	21	33	17.03	38.919	19.899	9.0	3.0
2018-8- 3	23	51	21.44	41.447	19.540	26.2	2.1
2018-8- 3	23	55	38.50	41.449	19.539	25.3	2.3
2018-8- 4	0	7	17.53	38.983	20.070	43.0	3.0
2018-8- 4	19	59	13.28	41.421	19.606	18.5	1.8
2018-8- 4	22	24	10.08	40.399	20.621	8.1	2.9
2018-8- 5	7	49	22.17	40.081	20.801	6.7	2.8
2018-8- 5	13	00	8.34	40.293	19.774	0.4	1.7
2018-8- 5	22	43	41.98	41.696	16.295	22.4	1.9
2018-8- 5	23	02	15.93	40.146	21.212	13.7	1.8
2018-8- 6	2	6	5.55	41.440	19.621	17.7	1.3
2018-8- 6	1	25	57.44	41.419	19.773	35.3	1.0

2018-8- 6	4	56	39.75	40.062	18.482	18.1	2.3
2018-8- 6	13	10	50.50	41.393	19.560	19.5	1.5
2018-8- 8	10	24	17.89	41.395	19.988	5.8	2.2
2018-8- 8	10	55	26.76	39.005	21.144	34.9	2.0
2018-8- 8	13	37	45.54	40.382	21.381	17.9	2.2
2018-8- 9	2	37	59.38	41.553	19.456	46.0	4.1
2018-8- 9	11	20	20.16	41.434	19.698	27.2	1.9
2018-8- 9	11	31	37.49	41.148	20.918	13.3	1.9
2018-8- 9	21	24	22.94	40.200	20.605	2.4	2.0
2018-8-10	3	26	57.48	39.658	20.376	23.7	2.0
2018-8-10	16	48	35.05	41.445	19.615	25.0	2.2
2018-8-10	17	37	20.03	40.469	21.474	25.0	2.6
2018-8-11	1	49	15.17	41.434	19.586	18.5	1.5
2018-8-11	15	38	33.28	41.579	20.191	22.6	5.1
2018-8-11	16	40	0.15	41.775	20.242	19.5	3.2
2018-8-11	15	46	32.43	41.568	20.159	27.0	3.0
2018-8-11	15	53	59.94	41.603	20.252	2.2	2.9
2018-8-11	16	11	37.66	41.604	20.165	24.9	2.4
2018-8-11	18	23	40.10	41.571	20.170	24.8	2.6
2018-8-11	18	29	7.78	41.601	20.217	20.7	2.5
2018-8-11	18	45	11.19	41.574	20.225	25.0	2.2
2018-8-11	18	52	54.77	41.605	20.182	25.0	2.3
2018-8-11	18	57	20.36	41.564	20.154	29.7	2.1
2018-8-11	19	42	24.44	41.628	20.157	18.5	3.2
2018-8-11	19	52	28.64	41.537	20.238	16.2	1.6
2018-8-11	19	54	10.63	41.515	20.228	5.0	1.1
2018-8-11	22	40	41.87	41.529	20.170	31.8	1.7
2018-8-11	23	48	32.24	41.582	20.208	25.0	1.8
2018-8-12	1	3	1.44	41.547	20.147	25.0	1.9
2018-8-12	1	00	14.81	41.582	20.187	15.9	1.2
2018-8-12	1	28	1.57	41.582	20.128	22.9	1.3
2018-8-12	1	57	59.15	41.589	20.246	7.6	1.4
2018-8-12	2	44	15.80	41.591	20.150	33.0	1.7
2018-8-12	3	15	27.00	41.633	20.164	19.4	1.1
2018-8-12	3	28	10.64	40.097	19.874	13.6	2.4
2018-8-12	3	56	46.34	41.599	20.165	23.0	1.7
2018-8-12	3	43	34.37	41.565	20.164	28.8	1.0
2018-8-12	3	59	13.45	41.548	20.226	26.4	1.4
2018-8-12	9	41	53.35	40.734	20.685	5.3	1.7
2018-8-12	10	55	16.17	39.920	19.728	5.9	1.7
2018-8-12	11	37	3.58	41.584	20.236	5.6	1.6
2018-8-12	20	17	16.21	40.046	21.302	12.1	2.3
2018-8-12	22	08	10.91	38.988	19.964	17.8	3.3
2018-8-12	22	51	23.33	41.588	20.169	17.5	1.7
2018-8-12	3	15	27.00	41.633	20.164	19.4	2.0
2018-8-13	3	24	23.44	41.568	20.171	23.5	1.4
2018-8-13	6	59	35.17	41.940	20.364	23.2	2.2
2018-8-13	11	45	45.86	41.604	20.184	16.1	2.1
2018-8-14	3	07	35.23	41.536	20.180	19.2	2.5
2018-8-14	13	34	44.91	41.472	19.574	25.0	2.0
2018-8-14	13	47	5.04	42.338	20.107	3.5	1.9
2018-8-14	15	22	14.58	41.475	19.610	20.0	2.1
2018-8-14	22	20	4.07	39.293	20.829	1.7	1.4
2018-8-15	13	48	56.65	40.444	20.075	14.1	2.8
2018-8-15	20	46	44.89	41.563	20.130	26.2	2.3
2018-8-16	12	05	2.30	39.059	20.214	0.0	1.7
2018-8-17	4	8	6.07	41.509	19.696	14.1	1.8
2018-8-17	1	14	43.17	41.547	20.233	12.3	1.7

2018-8-17	1	19	39.75	41.555	20.185	19.7	2.5
2018-8-17	10	36	5.92	41.559	20.186	17.8	1.9
2018-8-17	13	42	56.67	39.681	20.377	11.8	2.9
2018-8-20	14	42	19.14	41.424	19.668	20.9	1.6
2018-8-20	17	45	14.05	41.577	20.131	25.9	2.7
2018-8-23	1	19	2.88	41.425	19.686	25.1	2.0
2018-8-23	2	38	33.18	40.272	19.805	24.0	2.7
2018-8-23	20	38	22.57	41.888	20.392	13.1	2.4
2018-8-23	22	46	23.09	39.226	20.519	22.5	2.7
2018-8-24	0	7	2.33	41.499	19.707	16.8	1.3
2018-8-24	2	58	58.32	39.548	21.571	17.1	3.5
2018-8-24	17	42	7.25	39.408	20.634	31.8	3.5
2018-8-26	1	26	56.09	39.957	20.011	14.5	2.1
2018-8-26	23	43	38.16	40.315	19.522	33.8	2.3
2018-8-27	22	38	47.84	40.254	19.773	10.6	2.5
2018-8-28	1	33	41.43	41.118	20.014	11.1	1.1
2018-8-28	4	33	7.00	38.845	21.301	12.7	2.5
2018-8-28	18	51	26.90	41.479	19.463	37.6	2.9
2018-8-29	14	18	24.47	40.291	19.795	7.1	2.1
2018-8-29	23	43	38.79	41.489	19.568	10.6	2.0
2018-8-30	0	7	37.31	41.470	19.475	10.2	2.1
2018-8-30	2	12	5.20	41.251	19.354	1.2	1.3
2018-8-30	15	11	24.89	40.063	19.903	18.3	2.2
2018-8-31	8	26	21.39	39.387	21.616	2.6	4.5
2018-9-01	8	57	55.98	38.973	19.968	9.4	3.5
2018-9-01	7	6	13.34	39.415	21.482	19.9	2.6
2018-9-01	17	11	27.32	39.028	20.096	12.3	2.7
2018-9-02	4	9	31.77	39.146	21.567	27.1	2.9
2018-9-02	4	25	34.9	38.999	19.994	22.7	3.1
2018-9-02	6	0	42.1	39.016	20.087	21.2	2.6
2018-9-02	13	37	43.61	39.366	21.600	4.0	2.6
2018-9-02	14	32	33.2	40.047	20.531	0.5	2.0
2018-9-03	14	3	49.83	40.073	20.431	20.7	2.2
2018-9-04	7	49	6.89	39.392	20.498	13.1	1.8
2018-9-04	16	15	4.56	41.130	20.217	1.3	2.0
2018-9-04	19	58	50.02	40.152	19.840	13.6	1.7
2018-9-05	5	20	13.98	40.123	19.802	10.0	1.8
2018-9-05	8	41	8.99	41.960	20.203	6.6	2.5
2018-9-05	10	8	5.33	41.959	20.201	5.5	1.7
2018-9-05	21	7	5.52	42.035	20.159	13.0	2.3
2018-9-06	4	47	50.16	39.265	21.569	17.0	3.2
2018-9-08	8	31	53.51	41.452	19.563	15.4	2.0
2018-9-08	9	25	7.68	40.832	19.598	16.2	1.8
2018-9-09	5	25	13.65	39.704	20.460	11.6	4.1
2018-9-09	17	38	22.07	41.102	20.099	17.2	2.0
2018-9-09	19	41	12.33	39.501	21.270	5.4	1.8
2018-9-09	22	42	23.75	41.107	20.113	32.4	3.4
2018-9-10	8	24	31.69	41.470	19.707	13.9	1.6
2018-9-10	19	56	16.39	41.468	19.602	16.1	1.8
2018-9-10	22	28	44.53	41.510	20.515	3.0	2.5
2018-9-11	3	34	6.86	40.786	19.666	0.6	1.3
2018-9-11	9	41	58.98	42.001	20.099	9.9	1.9
2018-9-14	6	44	34.07	38.834	20.486	23.7	2.7
2018-9-15	16	27	29.65	39.013	19.947	8.4	2.7
2018-9-15	22	16	1.25	40.160	19.647	30.4	2.8
2018-9-16	3	8	55.66	40.252	19.779	8.7	2.3
2018-9-16	9	33	32.54	41.204	19.449	14.7	2.3
2018-9-16	22	54	39.46	40.258	19.755	5.3	1.6

2018-9-17	21	40	52.89	41.381	19.697	53.2	2.0
2018-9-17	21	16	42.97	41.850	20.058	9.1	1.7
2018-9-18	1	49	10.12	39.949	19.751	2.4	0.8
2018-9-18	19	4	53.21	41.486	19.516	27.0	3.1
2018-9-18	20	38	32.41	41.593	20.037	24.9	2.4
2018-9-18	23	51	26.48	41.091	20.153	7.7	1.9
2018-9-19	15	9	20.01	41.080	20.272	5.9	3.9
2018-9-20	8	9	59.05	39.798	20.586	30.8	2.1
2018-9-20	22	11	34.65	40.819	20.563	7.9	1.8
2018-9-21	6	1	55.65	39.898	20.828	22.4	2.3
2018-9-23	5	10	17.89	41.469	19.506	13.3	2.1
2018-9-23	2	6	16.34	40.362	20.559	11.9	1.4
2018-9-23	6	11	25.18	40.288	19.780	11.4	2.2
2018-9-23	23	26	37.68	39.833	19.708	21.0	2.5
2018-9-24	9	39	40.12	39.790	20.355	13.7	2.0
2018-9-25	8	57	53.02	41.282	20.067	9.8	2.1
2018-9-26	0	34	14.5	41.743	20.894	7.4	2.9
2018-9-26	0	49	27.44	40.307	20.649	6.0	1.4
2018-9-28	1	41	27.48	40.031	20.801	2.6	1.8
2018-9-28	10	10	52.76	40.709	21.378	15.9	2.7
2018-9-29	14	53	45.81	41.561	19.577	43.0	2.4
2018-9-29	20	9	18.36	42.146	19.191	17.5	2.5
2018-9-30	22	10	46.59	39.705	20.425	11.0	2.0
2018-9-30	22	29	34.32	39.731	20.390	2.4	1.4
2018-10-01	14	19	27.81	40.063	21.258	14.8	2.2
2018-10-02	6	39	38.07	39.796	20.638	12.1	2.4
2018-10-02	15	35	29.41	40.715	19.687	11.6	2.4
2018-10-02	15	35	29.41	40.715	19.687	11.6	2.4
2018-10-02	16	27	4.16	40.773	21.485	24.6	2.2
2018-10-02	19	7	10.85	39.041	20.760	6.0	2.3
2018-10-03	4	7	39.35	40.794	19.749	8.6	3.0
2018-10-05	3	29	0.39	40.716	21.299	5.3	2.0
2018-10-05	5	17	21.16	41.393	20.954	5.8	2.8
2018-10-05	9	21	4.57	41.854	19.519	33.4	2.0
2018-10-05	16	35	24.7	41.150	20.092	18.0	2.3
2018-10-06	2	7	44.24	39.975	20.147	0.7	1.2
2018-10-06	3	19	41.48	39.503	20.634	17.8	1.1
2018-10-06	13	39	41.37	41.809	19.303	14.9	2.5
2018-10-08	20	39	0.87	40.281	20.332	12.9	1.9
2018-10-09	8	27	32.4	40.488	21.006	0.22	1.9
2018-10-10	3	5	38.3	40.183	19.909	19.3	2.5
2018-10-10	6	17	9.02	40.800	19.621	13.1	2.4
2018-10-11	4	47	33.61	41.973	20.201	2.1	2.5
2018-10-11	12	18	3.57	40.543	20.388	5.7	2.3
2018-10-12	0	52	54.45	41.075	20.255	1.1	1.9
2018-10-12	2	10	53.56	39.689	20.290	3.0	1.8
2018-10-13	2	58	19.41	40.175	20.243	2.1	3.3
2018-10-13	12	54	8.31	38.815	22.040	20.5	2.9
2018-10-13	23	30	3.51	41.289	19.747	16.6	2.1
2018-10-14	0	13	17.33	41.592	20.154	2.5	1.6
2018-10-14	3	8	35.15	40.662	19.958	3.0	1.7
2018-10-14	16	24	1.54	40.174	20.621	5.6	1.3
2018-10-14	18	46	10.19	41.574	20.137	23.3	2.3
2018-10-17	11	12	57.15	40.589	20.726	13.3	1.7
2018-10-18	13	53	24.04	40.257	20.714	1.8	2.3
2018-10-18	15	8	10.26	40.454	19.526	1.2	1.6
2018-10-18	17	1	7.45	40.518	20.986	2.7	2.3
2018-10-18	21	38	5.55	40.048	21.304	6.0	2.2

2018-10-20	14	32	55.73	39.906	19.980	11.7	2.6
2018-10-21	1	20	53.98	40.780	19.705	14.6	2.1
2018-10-21	9	5	50.24	40.539	20.679	9.2	2.3
2018-10-21	10	36	14.52	40.536	20.654	6.1	2.6
2018-10-21	10	37	30.67	40.510	20.701	1.2	2.4
2018-10-21	10	39	7.97	40.502	20.696	8.2	3.2
2018-10-21	10	50	44.42	40.523	20.678	3.2	2.8
2018-10-21	12	58	41.94	40.873	19.917	10.6	2.2
2018-10-21	12	36	21.41	40.534	20.630	11.6	1.9
2018-10-21	13	46	58.91	40.508	20.698	5.8	2.3
2018-10-22	2	34	46.65	41.448	19.590	24.3	1.8
2018-10-24	2	58	45.53	40.074	19.933	4.3	2.5
2018-10-24	10	50	35.93	39.351	20.093	23.4	2.2
2018-10-30	9	39	9.48	39.391	20.849	21.7	3.5
2018-10-31	12	55	53.81	40.117	19.988	13.4	2.8
2018-11-01	0	39	13.25	40.022	20.320	0.0	3.7
2018-11-02	9	19	58.68	40.643	20.418	16.6	2.4
2018-11-03	20	42	52.31	41.444	19.559	16.4	2.5
2018-11-04	11	48	51.59	39.811	20.630	26.8	2.5
2018-11-05	17	51	17.76	41.443	19.658	17.2	2.4
2018-11-08	20	1	52.53	41.472	19.541	25.1	2.9
2018-11-13	10	26	28.97	41.143	20.185	6.7	2.4
2018-11-13	12	17	45.49	41.460	20.751	6.0	2.4
2018-11-13	13	47	48.66	42.127	19.246	19.6	4.6
2018-11-15	23	30	13.20	41.673	20.148	13.4	2.6
2018-11-15	3	43	10.21	42.321	19.482	18.3	1.5
2018-11-20	18	19	36.37	39.866	20.395	12.7	2.4
2018-11-22	11	19	28.04	40.098	20.396	19.3	2.8
2018-11-22	13	42	45.46	40.148	19.628	28.4	3.4
2018-11-22	15	47	33.81	40.047	20.010	0.0	2.6
2018-11-22	16	48	17.88	42.312	21.406	10.6	2.9
2018-11-23	17	47	16.37	40.347	19.618	18.1	2.5
2018-11-24	4	35	42.55	42.289	19.552	19.4	2.6
2018-11-25	22	38	33.52	41.980	20.224	11.7	2.2
2018-11-27	21	15	4.55	41.242	20.065	2.8	2.8
2018-11-29	4	20	20.96	41.076	20.085	4.3	2.5
2018-11-29	18	11	1.07	41.119	20.217	13.5	2.2
2018-11-30	22	28	16.11	40.530	21.606	25.9	4.0
2018-12-01	4	54	16.16	40.412	20.061	12.7	4.3
2018-12-02	3	52	39.5	42.399	20.783	22.3	2.5
2018-12-02	3	52	39.5	42.399	20.783	22.3	2.5
2018-12-03	11	30	16.57	41.956	19.998	18.2	2.3
2018-12-03	14	38	30.61	40.237	20.691	4.3	1.4
2018-12-04	14	52	37.54	41.944	20.021	19.6	2.2
2018-12-04	14	55	35.01	41.951	19.949	17.4	1.5
2018-12-04	15	20	31.31	41.888	20.058	16.6	1.6
2018-12-04	15	23	34.39	41.919	20.146	3.8	1.5
2018-12-04	20	59	17.58	40.398	20.083	18.5	1.8
2018-12-05	11	34	27.37	41.876	20.116	18.4	2.3
2018-12-07	17	32	55.28	40.401	20.052	15.1	2.7
2018-12-08	6	57	28.43	40.396	20.052	12.1	2.6
2018-12-09	21	26	49.3	40.004	20.054	16.2	2.4
2018-12-10	0	32	7.14	39.992	19.919	26.9	2.7
2018-12-11	7	3	16.99	39.665	20.522	14.3	2.2
2018-12-11	23	45	6.15	42.831	19.404	19.7	2.5
2018-12-12	10	18	44	41.247	20.786	18.2	2.4
2018-12-12	17	28	37.77	39.528	20.259	35.6	2.9
2018-12-12	22	9	3.76	41.417	19.932	14.1	2.0

2018-12-13	6	36	36.18	39.813	20.618	25	3.2
2018-12-15	23	6	12.33	39.228	20.524	27.1	2.6
2018-12-16	8	24	37.95	40.496	20.365	18.1	2.4
2018-12-17	6	13	57.34	41.295	20.807	6.1	2.7
2018-12-17	8	58	32.36	41.211	19.906	16.5	2.4
2018-12-18	23	40	30.84	39.546	21.114	79	2.6
2018-12-19	4	0	39.17	41.138	19.976	12.8	1.6
2018-12-19	14	34	5.81	39.587	20.005	16.1	2.0
2018-12-19	18	16	53.74	39.967	19.739	2.3	2.9
2018-12-21	18	26	15.53	40.441	19.982	1.8	2.3
2018-12-22	20	42	10.81	41.803	19.378	6	2.8
2018-12-24	13	49	45.66	40.552	19.683	18	2.9
2018-12-26	2	9	38.24	41.376	20.997	16	1.9
2018-12-27	6	17	35.71	41.008	19.952	23.8	2.0
2018-12-27	7	42	56.02	41.369	19.428	1.5	2.1
2018 12-28	0	53	2.05	41.702	20.262	18.7	1.3
2018 12-28	0	59	30.91	40.701	19.311	31.5	2.1
2018 12-29	7	15	19.15	40.379	20.041	25.4	3.6
2018 12-29	23	6	40.78	41.839	19.662	19.7	1.2
2018 12-30	18	52	45.36	39.429	20.565	28.3	3.0
2018 12-30	20	41	8.41	39.194	20.845	41.1	3.3
2018 12-31	7	52	24.26	39.234	20.892	44.8	4.3
2018 12-31	8	33	24.32	39.076	20.832	65.6	3.7







