

Data Repository for -

Seismicity induced at the northern Dead Sea Transform Fault, Kinneret (Sea of Galilee) Basin, by shallow creep involving a salt body

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The seismograms record used in the study are from the Israel Seismic Network and Jordan Seismological Observatory. The data can be accessed through Geofon FDSN web services: <https://geofon.gfz-potsdam.de/waveform/webservices/>.

Table 1: Locations of the Israel Seismic Network and the Jordan Seismological Observatory stations used for this study.

ID	Station	Lat (N°)	Long (E°)
1	GE.GHAJ.	31.30	35.57
2	GE.MSBI.	31.31	35.36
3	IS.AMAZ.	31.53	34.92
4	IS.BLGI.	32.73	35.19
5	IS.DSI.	31.59	35.39
6	IS.HMDT.	32.25	35.53
7	IS.HNTI.	33.08	35.17
8	IS.MDBI.	31.31	35.36
9	IS.MMA0.	33.02	35.40
10	IS.MMA1.	33.02	35.40
11	IS.MMB1.	33.02	35.41
12	IS.MMC1.	33.03	35.40
13	IS.MMLI.	32.44	35.42
14	IS.NATI.	33.26	35.74
15	IS.OFRI.	32.62	34.99
16	IS.SLTI.	32.24	35.04
17	IS.YTIR.	31.36	35.12
18	JS.KARJ.	32.00	35.58
19	JS.QRNJ.	32.36	35.58
20	K10B	32.81	35.53
21	MB1I	32.73	35.65

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Table 2: The October 2013 and July-August 2018 catalog of earthquakes from Lake Kinneret area (<https://eq.gsi.gov.il/>) are integrated with our results (grey lines). Epicenters and hypocentral depths of the earthquakes according to our calculations using Grigoli et al.'s (2013) method. Only results with low location uncertainty were considered (misfit <0.65). Uncertainties are ± 3 km. Zero magnitude values are set for entries not calculated.

Number	year	month	day	hour.minute	second	Md	Mb	Mw	Depth (km)	Lat (N°)	Long (E°)
1	2013	09	29	14.16	53.1	0	0	0	3	33.1876	35.708
2	2013	10	17	18.17	53.2	0	0	0	0.2	32.8648	35.6036
3	2013	10	17	18.20	6.6	1.9	0	0	0.2	32.8335	35.5033
4	2013	10	17	18.22	17.8	1.2	0	0	11	32.8563	35.5781
5	2013	10	17	18.48	27.5	0	0	0	8	32.851	35.5765
6	2013	10	17	19.20	2.5	1.5	0	0	6	32.8438	35.5653
7	2013	10	17	19.30	55.3	2.1	0	0	1.2	32.8125	35.5604
8	2013	10	17	20.34	18.9	0.9	0	0	6	32.86	35.56
9	2013	10	17	20.34	28.1	0.9	0	0	11	32.8599	35.5707
10	2013	10	17	20.34	57.8	0.8	0	0	6	32.8509	35.5599
11	2013	10	17	20.43	49.2	0	0	0	11	33.1157	35.5971
12	2013	10	17	20.48	19.3	1.3	0	0	3	32.8463	35.5675
13	2013	10	17	20.53	51.2	1.4	0	0	0	32.8357	35.5536
14	2013	10	17	22.22	49.4	1.6	0	0	6	32.8578	35.5735
15	2013	10	17	23.10	50.2	1.3	0	0	6	32.8463	35.575
16	2013	10	17	23.17	2.3	0	0	0	2	32.8436	35.5824
17	2013	10	18	2.01	58.8	2.6	0	0	0.2	32.8649	35.6004
18	2013	10	18	18.07	14.8	0	0	0	2	32.8232	35.5618
19	2013	10	18	21.55	40.3	0	0	0	7	32.8485	35.5824
20	2013	10	19	4.37	47.1	2	0	0	0.9	32.9023	35.6667
21	2013	10	19	5.34	17.3	1.6	0	0	2.5	32.7503	35.5128
22	2013	10	20	5.19	40.3	1.8	0	0	10	32.7527	35.4872
23	2013	10	20	5.39	8.3	2.3	0	0	4.3	32.813	35.49
24	2013	10	20	8.50	4	0	0	0	0.2	32.8811	35.6019
25	2013	10	20	9.09	23.3	2.1	0	0	3.7	32.814	35.5327
26	2013	10	20	12.54	6.42	0	0	0	0.2	32.8659	35.5961
27	2013	10	20	15.04	11.3	1	0	0	5	32.8434	35.5831
28	2013	10	20	16.29	59.8	0	0	0	4	32.8472	35.5846
29	2013	10	20	16.31	27.9	0	0	0	5	32.8761	35.5708
30	2013	10	20	21.22	31.9	0	0	0	2	32.8446	35.5547
31	2013	10	20	21.24	8.3	0.7	0	0	7	32.8625	35.5911
32	2013	10	20	22.44	49.6	0	0	0	13	32.8572	35.5526
33	2013	10	20	23.50	54.2	1.5	0	0	11	32.8553	35.5761
34	2013	10	20	23.55	32.1	0	0	0	0	32.8319	35.576
35	2013	10	21	0.52	41.2	0	0	0	0	32.8447	35.5767
36	2013	10	21	3.09	50.4	0	0	0	0	33.2244	35.4403
37	2013	10	21	18.53	17	1.2	0	0	4	32.8553	35.5665
38	2013	10	21	20.26	48	0	0	0	14	32.7394	35.5183

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39	2013	10	21	22.08	50.1	2.2	0	0	6	33.0585	35.4409
40	2013	10	21	23.09	9.4	0	0	0	9	33.0324	35.4216
41	2013	10	21	23.29	42.8	0	0	0	9	32.9468	35.3872
42	2013	10	21	23.39	52.9	0	0	0	7	33.0513	35.4259
43	2013	10	21	23.51	34.7	0	0	0	8	33.0306	35.4366
44	2013	10	22	1.36	0.4	0	0	0	4	32.9594	35.3915
45	2013	10	22	1.38	23.9	0	0	0	7	33.0306	35.4398
46	2013	10	22	3.52	25.05	0	0	0	0.2	32.9123	35.7012
47	2013	10	22	3.53	25.1	1.4	0	0	6	32.8373	35.5653
48	2013	10	22	4.41	23.2	1.1	0	0	5	32.841	35.5515
49	2013	10	22	5.51	59.6	0	0	0	5	32.8317	35.5574
50	2013	10	22	5.40	50.44	0	0	0	0.2	32.8566	35.6098
51	2013	10	22	6.13	33.9	1	0	0	12	32.8477	35.5449
52	2013	10	22	8.23	40.1	1.4	0	0	2	32.7739	35.507
53	2013	10	22	8.33	17.8	1.1	0	0	5	32.8423	35.5666
54	2013	10	22	8.43	4.2	1.4	0	0	2	32.8418	35.5632
55	2013	10	22	8.53	22.6	1.6	0	0	6.2	32.7738	35.5113
56	2013	10	22	14.11	23	0	0	0	5	32.8454	35.5643
57	2013	10	22	15.35	32.9	0	0	0	10	32.8454	35.5404
58	2013	10	22	19.26	18.8	0	0	0	16	32.8443	35.535
59	2013	10	22	21.11	4.7	0	0	0	5	32.8626	35.5474
60	2013	10	23	0.34	24.5	1.4	0	0	5	32.8434	35.5798
61	2013	10	23	1.47	17.6	0	0	0	7	32.8544	35.5633
62	2013	10	23	4.12	33.1	1.3	0	0	5	32.8562	35.5686
63	2013	10	23	10.25	44.6	1.4	0	0	5	32.8385	35.5753
64	2013	10	23	14.20	14.7	1	0	0	17	33.0806	35.5766
65	2013	10	23	20.40	26.1	1.2	0	0	7	32.8463	35.5643
66	2013	10	23	20.42	57.6	0	0	0	16	32.8436	35.575
67	2013	10	23	23.26	56.3	1.3	0	0	6	32.8335	35.5669
68	2013	10	24	10.06	37.9	1.1	0	0	6	32.8497	35.5682
69	2013	10	24	21.18	22.2	1.1	0	0	1	32.8328	35.5707
70	2013	10	24	21.21	4.1	0	0	0	6	32.8561	35.5878
71	2013	10	25	17.34	58.9	0	0	0	21	33.0455	35.5829
72	2013	10	26	1.07	17.8	1.5	0	0	2	32.8523	35.574
73	2013	10	27	5.47	35.2	1	0	0	20	32.8344	35.5765
74	2013	10	27	19.39	1.6	0.9	0	0	7	33.1607	35.6642
75	2013	10	29	19.21	27.3	0	0	0	9	32.829	35.5594
76	2013	10	29	20.58	39.1	1.3	0	0	1	32.8335	35.57
77	2013	10	29	22.29	35.2	1.2	0	0	5	32.8497	35.5745
78	2013	10	29	22.56	13.6	2.1	0	0	0.2	32.8982	35.6014
79	2018	07	02	5.59	35	2	0	2.3	0.2	32.8592	35.6579
80	2018	07	02	6.10	59.7	0	0	1.6	10	32.8635	35.593
81	2018	07	04	1.50	6.67	0	0	0	0.2	32.9096	35.7
82	2018	07	04	1.54	26.5	0	0	2	8	32.8482	35.6202
83	2018	07	04	1.58	13.4	3.2	0	3	0.5	32.8594	35.6024
84	2018	07	04	2.49	51.2	1.9	0	1.9	3	32.8503	35.574

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85	2018	07	04	3.21	44.9	0	0	1.7	0	32.8452	35.5711
86	2018	07	04	3.39	27	0	0	1.9	0	32.8382	35.5899
87	2018	07	04	3.41	21.6	0	0	2.1	0.4	32.8523	35.5979
88	2018	07	04	3.51	59.34	0	0	0	0.3	32.876	35.5836
89	2018	07	04	3.57	39.3	2.8	0	2.9	0.3	32.8523	35.5968
90	2018	07	04	4.08	29.9	1.5	0	1.7	1	32.8369	35.5953
91	2018	07	04	4.13	46	1.9	0	1.9	3	32.8499	35.5756
92	2018	07	04	4.19	17.4	2.7	0	2.6	0.3	32.869	35.5749
93	2018	07	04	4.23	38.5	0	0	1.1	5	32.8724	35.5797
94	2018	07	04	4.27	16.9	1.2	0	1.3	0	32.8634	35.5704
95	2018	07	04	4.35	8.2	0	0	1.4	5	32.8451	35.5799
96	2018	07	04	4.39	33.3	0	0	1.5	5	32.8667	35.5806
97	2018	07	04	5.04	31.2	0	0	1.8	0	32.843	35.5777
98	2018	07	04	5.05	21.5	0	0	1.7	0	32.8516	35.5577
99	2018	07	04	5.12	8.2	0	0	1.4	4	32.8465	35.5888
100	2018	07	04	5.22	37.1	2.3	0	2.4	0.2	32.8817	35.6564
101	2018	07	04	5.31	28.9	0	0	1.7	0	32.8512	35.5829
102	2018	07	04	5.57	22.44	0	0	0	0.7	32.868	35.578
103	2018	07	04	6.06	0.8	0	0	1.5	5	32.85	35.586
104	2018	07	04	6.07	33.3	0	0	1.6	0	32.833	35.5707
105	2018	07	04	6.08	58.2	0	0	1.3	5	32.8548	35.5812
106	2018	07	04	6.16	50	1.5	0	1.7	2	32.8461	35.5797
107	2018	07	04	6.52	45.2	0	0	1.5	0	32.8568	35.5824
108	2018	07	04	7.07	33.9	0	0	1.5	8	32.8632	35.5884
109	2018	07	04	7.30	39.9	0	0	1.4	4	32.85	35.5688
110	2018	07	04	7.54	43.5	0	0	1.5	4	32.855	35.5636
111	2018	07	04	8.58	55.3	1.7	0	1.9	3	32.8701	35.5802
112	2018	07	04	9.04	15.6	1.7	0	1.9	3	32.8502	35.5708
113	2018	07	04	10.51	54.7	1.2	0	1.3	0	32.8542	35.5776
114	2018	07	04	11.16	31.3	0	0	1.1	0	32.8498	35.5708
115	2018	07	04	11.59	0.7	1.8	0	1.8	5	32.8642	35.5744
116	2018	07	04	12.29	7	1.9	0	2.1	0.2	32.8485	35.6074
117	2018	07	04	12.48	51.4	0	0	0	1	32.8463	35.554
118	2018	07	04	17.16	30.9	1.7	0	1.8	0	32.8605	35.5904
119	2018	07	04	17.17	11.2	0	0	1.2	2	32.8524	35.5701
120	2018	07	04	17.35	9.9	2	0	2	5.3	32.8526	35.4943
121	2018	07	04	18.13	51.1	0	0	1.2	0	32.844	35.565
122	2018	07	04	18.28	38.4	1.7	0	1.7	5	32.8534	35.5669
123	2018	07	04	18.35	22.7	0	0	1	5	32.867	35.5535
124	2018	07	04	18.37	2.7	0	0	1.2	5	32.8346	35.5802
125	2018	07	04	18.44	37	0	0	1.1	0	32.8496	35.5624
126	2018	07	04	19.33	26.7	1.8	0	1.8	2	32.8517	35.5783
127	2018	04	07	19.45	39.34	0	0	0	0.4	32.8401	35.621
128	2018	07	04	19.51	24.2	0	0	2.6	0.3	32.8534	35.5904
129	2018	07	04	19.55	31.7	0	0	1.4	0	32.8476	35.5874
130	2018	07	04	19.59	6.8	0	0	1.6	0	32.8469	35.5705

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131	2018	07	04	20.04	55.1	0	0	1.5	3	32.8563	35.5852
132	2018	07	04	20.08	29.6	2.5	0	2.3	0.4	32.8632	35.5961
133	2018	07	04	20.14	56.9	3	0	2.9	0.2	32.8648	35.6047
134	2018	07	04	20.24	2.4	0	0	1.1	2	32.8665	35.5672
135	2018	07	04	20.33	5.3	0	0	1.3	1	32.8577	35.5868
136	2018	07	04	20.33	29.7	0	0	1.4	3	32.8331	35.5905
137	2018	07	04	20.42	14.3	1.9	0	1.9	5	32.8396	35.5908
138	2018	07	04	20.43	20.1	0	0	0.9	3	32.8476	35.5551
139	2018	07	04	20.46	15.8	0	0	1.4	1	32.8622	35.5801
140	2018	07	04	20.51	29.4	0	0	1.2	3	32.8557	35.5835
141	2018	07	04	20.56	45.1	0	0	1.4	0	32.8377	35.5781
142	2018	07	04	21.02	54.3	0	0	1.7	1	32.837	35.5824
143	2018	07	04	21.09	13.1	0	0	1.7	3	32.8523	35.5747
144	2018	07	04	21.10	21.1	0	0	1	2	32.8612	35.5773
145	2018	07	04	21.16	21.2	0	0	1.5	5	32.8406	35.5802
146	2018	07	04	21.16	57.4	1.8	0	1.8	4	32.8654	35.5831
147	2018	07	04	21.27	2.3	0	0	1.4	1	32.8527	35.5726
148	2018	07	04	21.32	41	1.6	0	1.6	4	32.8409	35.5943
149	2018	07	04	21.38	18.1	0	0	1.3	0	32.875	35.5879
150	2018	07	04	21.49	26.2	3.4	0	3.3	0.2	32.8889	35.5744
151	2018	07	04	21.52	26.2	0	0	1.8	5	32.8576	35.5792
152	2018	07	04	22.03	51	0	0	1.5	1	32.8673	35.5873
153	2018	07	04	22.14	21.7	0	0	1.7	6	32.8473	35.5922
154	2018	07	04	22.17	38	0	0	1.4	3	32.8447	35.5752
155	2018	07	04	22.18	48.3	0	0	1.4	0	32.8268	35.5826
156	2018	07	04	22.22	13.6	1.7	0	1.7	0	32.8575	35.5716
157	2018	07	04	22.30	5.2	0	0	1.3	1	32.8641	35.582
158	2018	07	04	22.36	2.7	0	0	1.4	0	32.8389	35.5802
159	2018	07	04	22.40	5.7	1.8	0	1.9	1	32.85	35.5818
160	2018	07	04	22.44	12.4	0	0	1.5	1	32.8591	35.5584
161	2018	07	04	22.48	8.9	0	0	1.1	0	32.8328	35.607
162	2018	07	04	23.01	25.5	1.6	0	1.7	1	32.839	35.5709
163	2018	07	04	23.03	38.8	0	0	1.2	4	32.8757	35.5862
164	2018	07	04	23.04	48.7	0	0	0.9	0	32.8345	35.5816
165	2018	07	04	23.25	51.3	0	0	1.5	0	32.8637	35.5941
166	2018	07	04	23.29	43.9	0	0	1.4	0	32.8418	35.5594
167	2018	07	04	23.45	42.4	0	0	1.5	3	32.8477	35.5709
168	2018	07	04	23.48	58.8	0	0	1	6	32.8665	35.5774
169	2018	07	05	0.12	12	0	0	1	0	32.8466	35.5515
170	2018	07	05	0.27	57.9	0	0	1.3	1	32.8638	35.5674
171	2018	07	05	0.30	15.4	0	0	1.5	0	32.8466	35.6033
172	2018	07	05	0.35	6.9	0	0	1.3	0	32.8432	35.5661
173	2018	07	05	0.38	32.8	0	0	1.6	5	32.8732	35.5789
174	2018	07	05	0.43	6.1	0	0	1.1	1	32.8261	35.5642
175	2018	07	05	0.44	5.7	0	0	1.1	2	32.8436	35.5629
176	2018	07	05	0.51	12	0	0	1.5	0	32.8225	35.5869

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177	2018	07	05	0.54	28.5	0	0	1.4	3	32.8567	35.5691
178	2018	07	05	0.55	5.1	1.8	0	1.9	1	32.8583	35.579
179	2018	07	05	0.59	33.5	0	0	1.4	3	32.8561	35.5992
180	2018	07	05	1.18	9.8	0	0	1.5	1	32.8609	35.5961
181	2018	07	05	1.19	1.7	0	0	1.3	6	32.8349	35.5725
182	2018	07	05	1.19	53.8	0	0	1.4	0	32.8645	35.5881
183	2018	07	05	1.24	47.4	2	0	2.1	0.2	32.8427	35.6275
184	2018	07	05	1.31	57.4	0	0	1.2	0	32.835	35.5971
185	2018	07	05	1.35	39.1	0	0	1.2	1	32.8146	35.5748
186	2018	07	05	1.46	58.9	0	0	1.6	3	32.8413	35.5929
187	2018	07	05	1.49	38.3	0	0	1.6	3	32.8779	35.5802
188	2018	07	05	2.12	55.2	0	0	1.7	3	32.8429	35.5815
189	2018	07	05	2.15	27.1	0	0	1.7	3	32.8659	35.5904
190	2018	07	05	2.24	19	0	0	1.7	2	32.8602	35.5761
191	2018	07	05	2.59	18	0	0	1.4	0	32.8277	35.5761
192	2018	07	05	3.34	7.3	0	0	1.3	24	32.8392	35.5868
193	2018	07	05	3.49	5.6	0	0	1.7	5	32.8357	35.5909
194	2018	07	05	4.00	4	2.4	0	2.4	0.2	32.8642	35.5897
195	2018	07	05	4.10	29.7	1.3	0	1.5	3	32.8456	35.5677
196	2018	07	05	4.13	34.8	0	0	1.6	5	32.8167	35.5783
197	2018	07	05	4.17	43.6	0	0	1.6	1	32.8572	35.5632
198	2018	07	05	4.19	51.4	0	0	1.7	1	32.8452	35.576
199	2018	07	05	4.30	25.2	2.1	0	2.1	0.2	32.884	35.5913
200	2018	07	05	4.55	11.5	1.6	0	1.6	5	32.8486	35.5706
201	2018	07	05	5.04	45.6	1.8	0	1.8	1	32.8362	35.5722
202	2018	07	05	5.31	23.9	0	0	0	1	32.8498	35.5609
203	2018	07	05	6.25	30.6	0	0	1.5	1	32.8481	35.5527
204	2018	07	05	7.08	23.5	2.2	0	2.3	4.6	32.8762	35.574
205	2018	07	05	7.11	48.6	1.7	0	1.8	1	32.8548	35.5793
206	2018	07	05	7.23	40.5	0	0	1.3	0	32.8374	35.5563
207	2018	07	05	7.42	25.5	0	0	1.2	3	32.8369	35.5874
208	2018	07	05	8.29	53.9	2.2	0	2.3	0.2	32.8514	35.5957
209	2018	07	05	8.33	16.5	0	0	1.6	2	32.8539	35.5771
210	2018	07	05	8.51	32.3	1.5	0	1.6	1	32.8581	35.5682
211	2018	07	05	9.02	54.1	2.4	0	2.5	0.6	32.9252	35.692
212	2018	07	05	9.14	7.2	0	0	1.6	4	32.8404	35.5706
213	2018	07	05	9.32	20.9	0	0	1.2	0	32.8452	35.5733
214	2018	07	05	9.40	59	2.3	0	2.4	0.3	32.7528	35.5256
215	2018	07	05	9.54	42.2	0	0	1.2	5	32.8694	35.5827
216	2018	07	05	10.04	30.1	2.9	0	2.9	0.3	32.8632	35.5939
217	2018	07	05	10.21	20.2	1.7	0	1.8	0	32.8432	35.5671
218	2018	07	05	10.23	16.8	1.2	0	1.5	1	32.8374	35.5794
219	2018	07	05	10.43	41	1.2	0	1.5	0	32.8394	35.5849
220	2018	07	05	10.45	37.9	0	0	1.4	0	32.8314	35.5758
221	2018	07	05	11.16	31.4	1.7	0	1.8	1	32.8303	35.5866
222	2018	07	05	13.05	37.4	0	0	1.3	0	32.84	35.5652

Tectonics

223	2018	07	05	14.46	11.6	0	0	1	3	32.8325	35.5908
224	2018	07	05	15.11	10.5	0	0	1.5	3	32.8787	35.577
225	2018	07	05	15.12	42.2	1.8	0	1.9	4	32.8429	35.5944
226	2018	07	05	16.39	14.8	0	0	1.4	4	32.8895	35.5738
227	2018	07	05	16.51	37	2	0	2.2	0.2	32.8486	35.6448
228	2018	07	05	17.21	28.1	0	0	1.4	0	32.8541	35.5892
229	2018	07	05	17.48	31.3	0	0	1.4	3	32.8327	35.5911
230	2018	07	05	18.29	20	1.9	0	1.8	3	32.8398	35.5786
231	2018	07	05	18.36	41	0	0	1.3	3	32.8618	35.5611
232	2018	07	05	19.43	55.2	2	0	2	1.2	32.8715	35.5407
233	2018	07	05	20.20	13.1	0	0	1.5	0	32.8311	35.5909
234	2018	07	05	20.32	23.9	0	0	1.5	4	32.8696	35.5686
235	2018	07	05	20.41	6.4	2.1	0	1.9	0.2	32.8301	35.6239
236	2018	07	05	20.44	40.5	1.7	0	1.9	3	32.8414	35.5711
237	2018	07	05	20.46	5.4	0	0	1.3	3	32.8353	35.5786
238	2018	07	05	21.04	8.8	0	0	0.9	4	32.8525	35.5959
239	2018	07	05	21.08	30.8	0	0	1.4	1	32.847	35.5884
240	2018	07	05	22.27	27.4	0	0	1.6	0	32.8537	35.5732
241	2018	07	05	22.43	3.1	0	0	1.5	0	32.8609	35.5763
242	2018	07	05	22.53	28.2	0	0	1.5	0	32.8634	35.5874
243	2018	07	05	23.20	38.4	3	0	2.7	0.2	32.8589	35.5853
244	2018	07	05	23.41	26.9	0	0	1.5	1	32.8584	35.5817
245	2018	07	05	23.50	2	0	0	1.5	1	32.8328	35.5949
246	2018	07	05	23.56	56.6	2.1	0	2.1	0.2	32.8947	35.598
247	2018	07	06	0.33	5.5	0	0	1.5	5	32.8701	35.5764
248	2018	07	06	0.36	6.4	0	0	1.3	5	32.8603	35.5615
249	2018	07	06	0.55	10.5	2.8	0	2.7	0.7	32.8765	35.5633
250	2018	07	06	0.57	42.7	0	0	1.5	3	32.8414	35.5678
251	2018	07	06	0.59	15	0	0	1	7	32.8478	35.5446
252	2018	07	06	1.01	5	0	0	1.6	4	32.841	35.5634
253	2018	07	06	1.06	10.2	2.4	0	2.4	0.2	32.8704	35.5931
254	2018	07	06	1.22	40.1	0	0	1.6	4	32.8444	35.5671
255	2018	07	06	1.23	9.4	0	0	1.3	5	32.8416	35.5818
256	2018	07	06	1.32	26.4	0	0	1.3	4	32.8425	35.5712
257	2018	07	06	1.38	50.1	2	0	2	0.4	32.8676	35.6015
258	2018	07	06	1.40	55.7	0	0	0.9	4	32.8677	35.57
259	2018	07	06	2.00	6.8	0	0	1	6	32.8344	35.5791
260	2018	07	06	2.07	44.38	0	0	0	0.2	32.8521	35.6086
261	2018	07	06	2.15	56.1	0	0	1	6	32.8754	35.5734
262	2018	07	06	2.28	59.4	0	0	1.9	6	32.8496	35.5793
263	2018	07	06	2.43	8.6	0	0	1.3	1	32.8737	35.5608
264	2018	07	06	3.04	46.5	0	0	1.6	5	32.8638	35.5754
265	2018	07	06	3.10	14	0	0	1.2	1	32.8598	35.5661
266	2018	07	06	3.38	27	0	0	1.3	5	32.8602	35.5546
267	2018	07	06	3.45	42.9	0	0	1.3	6	32.8673	35.5732
268	2018	07	06	3.55	25.6	0	0	0	0	32.8493	35.585

Tectonics

269	2018	07	06	4.33	54	0	0	1.6	0	32.9053	35.4867
270	2018	07	06	5.30	19	0	0	0.7	5	32.8654	35.5627
271	2018	07	06	5.34	37.6	0	0	0.6	1	32.8631	35.5694
272	2018	07	06	5.38	54.2	1.9	0	2	0.3	32.8776	35.5954
273	2018	07	06	6.10	44	0	0	1.3	5	32.8692	35.5564
274	2018	07	06	6.37	41.2	0	0	1.3	5	32.8776	35.564
275	2018	07	06	8.34	18.6	0	0	1.5	4	32.8608	35.5634
276	2018	07	06	8.41	44.8	0	0	1.2	3	32.8586	35.5663
277	2018	07	06	9.19	50.6	0	0	1.3	10	32.8525	35.6036
278	2018	07	06	9.38	49.7	0	0	0	0	32.8515	35.5827
279	2018	07	06	10.08	48.4	0	0	2.2	4.8	32.8917	35.5659
280	2018	07	06	11.04	13.5	0	0	1.7	5	32.8621	35.5796
281	2018	07	06	11.49	18.9	0	0	1.5	6	32.8632	35.5856
282	2018	07	06	12.07	55.2	0	0	1.8	5	32.8371	35.5599
283	2018	07	06	12.48	38	0	0	1.5	5	32.8433	35.5819
284	2018	07	06	12.55	26.6	1.7	0	1.8	3	32.8727	35.5707
285	2018	07	06	13.05	9.6	0	0	1.5	5	32.8742	35.5751
286	2018	07	06	13.24	22.7	0	0	0	4	32.8816	35.5851
287	2018	07	06	13.25	32.3	0	0	1.6	6	32.8485	35.5722
288	2018	07	06	13.27	9.8	0	0	1.2	6	32.8655	35.5649
289	2018	07	06	13.48	23.5	0	0	1.3	5	32.8566	35.5577
290	2018	07	06	14.49	42.2	0	0	1.3	4	32.8642	35.5744
291	2018	07	06	14.56	48.1	0	0	1.3	5	32.8692	35.5571
292	2018	07	06	15.03	43.4	1.7	0	1.8	5	32.8536	35.5612
293	2018	07	06	15.07	10.1	0	0	0.7	4	32.867	35.565
294	2018	07	06	15.24	46.8	0	0	0.9	4	32.8823	35.5763
295	2018	07	06	15.33	54.1	0	0	1.8	5	32.8779	35.572
296	2018	07	06	15.36	0.5	0	0	1.3	3	32.856	35.573
297	2018	07	06	16.04	36.8	0	0	1.2	3	32.8744	35.569
298	2018	07	06	16.16	3.1	0	0	1.3	5	32.8646	35.5643
299	2018	07	06	16.17	10.9	0	0	0.8	2	32.8289	35.5588
300	2018	07	06	17.13	24.2	1.9	0	2	2.9	32.8784	35.5986
301	2018	07	06	17.29	32.8	0	0	1.3	5	32.8758	35.5767
302	2018	07	06	17.31	45.8	1.5	0	1.6	5	32.8816	35.5798
303	2018	07	06	17.34	38.7	0	0	1.2	5	32.8773	35.5809
304	2018	07	06	17.37	28.7	0	0	1.2	3	32.8746	35.5755
305	2018	07	06	18.28	51.1	0	0	0.9	6	32.8709	35.5768
306	2018	07	06	18.29	55.4	0	0	1.4	5	32.8732	35.5777
307	2018	07	06	18.35	38.8	1.7	0	1.8	2	32.8524	35.5818
308	2018	07	06	18.41	39.6	0	0	1.2	4	32.8506	35.5614
309	2018	07	06	19.28	42.8	0	0	1.2	4	32.8704	35.5657
310	2018	07	06	19.36	33.5	0	0	1.3	5	32.865	35.5642
311	2018	07	06	19.59	50.1	1.8	0	1.9	3	32.8381	35.5799
312	2018	07	06	20.01	3	0	0	1.4	2	32.8299	35.5749
313	2018	07	06	20.01	53.5	0	0	1.5	0	32.8395	35.5764
314	2018	07	06	20.09	22.2	0	0	1.1	3	32.8712	35.5561

Tectonics

315	2018	07	06	20.20	38.3	0	0	0	1.9	32.8379	35.5985
316	2018	07	06	20.20	45.6	0	0	2.3	0	32.8425	35.5893
317	2018	07	06	20.30	15.4	0	0	1.1	5	32.8751	35.5731
318	2018	07	06	21.22	5.7	0	0	1.2	1	32.8781	35.5704
319	2018	07	06	21.36	30	1.6	0	1.8	3	32.8416	35.5869
320	2018	07	06	22.05	46	0	0	0.8	17	32.8724	35.5915
321	2018	07	06	22.20	38.9	1.9	0	1.9	1	32.8488	35.5743
322	2018	07	06	22.44	44	0	0	1	5	32.847	35.5881
323	2018	07	06	22.46	16.7	0	0	1.4	5	32.8484	35.5789
324	2018	07	06	22.48	2.8	0	0	1.2	6	32.8498	35.5801
325	2018	07	06	22.54	46.6	2.6	0	2.5	0.8	32.8896	35.5829
326	2018	07	06	23.09	41.7	0	0	0.7	4	32.8497	35.5663
327	2018	07	06	23.42	56.1	0	0	1.6	5	32.8743	35.5756
328	2018	07	06	23.43	47.1	0	0	0.8	5	32.8293	35.5874
329	2018	07	06	23.54	45.5	0	0	1.3	4	32.8685	35.5769
330	2018	07	07	1.38	10.3	0	0	1.2	0	32.8666	35.5754
331	2018	07	07	2.07	44.4	3.4	0	3.4	0	32.8368	35.5992
332	2018	07	07	2.22	58.1	1.6	0	1.8	1	32.8381	35.5917
333	2018	07	07	2.50	25.5	1.5	0	1.7	0	32.8398	35.5867
334	2018	07	07	2.59	55.1	1.6	0	1.6	3	32.8497	35.5671
335	2018	07	07	3.44	44	0	0	0.9	0	32.845	35.5822
336	2018	07	07	3.45	12	0	0	1	0	32.8364	35.5826
337	2018	07	07	3.56	1.6	0	0	1.5	1	32.8463	35.5692
338	2018	07	07	4.28	37.5	1.9	0	1.9	1	32.8365	35.595
339	2018	07	07	6.21	26.9	0	0	0	1	32.8344	35.5872
340	2018	07	07	6.37	5.5	0	0	1.7	0	32.8382	35.5787
341	2018	07	07	7.02	55	0	0	1	6	32.8463	35.6117
342	2018	07	07	8.19	59.2	0	0	1.5	3	32.8386	35.5994
343	2018	07	07	8.49	46.4	0	0	1	3	32.8334	35.5916
344	2018	07	07	9.04	34.2	0	0	1.3	2	32.8335	35.5618
345	2018	07	07	10.01	30.1	1.5	0	1.7	0	32.8338	35.5835
346	2018	07	07	10.40	28.5	0	0	1.3	3	32.8388	35.5861
347	2018	07	07	11.23	32	0	0	0	1	32.8433	35.5871
348	2018	07	07	11.46	31.6	2.5	0	2.4	0.8	32.8604	35.6003
349	2018	07	07	13.05	37.6	0	0	1.7	0	32.8373	35.5779
350	2018	07	07	13.19	10.5	0	0	1.3	0	32.8594	35.5967
351	2018	07	07	15.22	31.3	0	0	1.7	5	32.8518	35.5874
352	2018	07	07	16.02	13.7	0	0	1	4	32.8394	35.5819
353	2018	07	07	17.22	30.8	0	0	1.6	0	32.8294	35.6035
354	2018	07	07	17.23	6.3	0	0	1.6	0	32.8643	35.5672
355	2018	07	07	17.33	27.1	2.1	0	2.1	0.3	32.8606	35.5896
356	2018	07	07	17.40	59.7	0	0	1.3	5	32.8472	35.5978
357	2018	07	07	17.50	28.4	1.7	0	1.7	0	32.8664	35.5673
358	2018	07	07	18.04	26	0	0	1.1	0	32.8773	35.6203
359	2018	07	07	18.05	20.8	0	0	1.3	2	32.8742	35.6019
360	2018	07	07	18.07	10.3	0	0	0.9	5	32.8596	35.5859

Tectonics

361	2018	07	07	18.19	2.7	0	0	1.3	3	32.8426	35.6043
362	2018	07	07	18.28	25.3	2	0	2.1	4	32.9019	35.5544
363	2018	07	07	19.00	40.2	0	0	1.5	0	32.8404	35.5799
364	2018	07	07	20.19	22.6	0	0	1.3	5	32.8424	35.5952
365	2018	07	07	20.37	24.2	0	0	1.4	10	32.8817	35.5889
366	2018	07	07	20.39	37.3	0	0	1.2	1	32.8716	35.585
367	2018	07	07	21.52	22.9	0	0	1.1	0	32.8345	35.5681
368	2018	07	07	22.43	49.5	0	0	1	0	32.8417	35.5823
369	2018	07	07	23.13	57.9	0	0	0.9	1	32.8522	35.5794
370	2018	07	07	23.32	29.8	0	0	1.2	1	32.8403	35.5913
371	2018	07	07	23.33	42.2	0	0	0.7	0	32.8915	35.5665
372	2018	07	08	0.09	23.7	0	0	1.1	3	32.8475	35.55
373	2018	07	08	1.03	48.9	0	0	0.7	5	32.8407	35.5762
374	2018	07	08	1.07	5.9	0	0	1.3	0	32.857	35.5605
375	2018	07	08	2.26	39.8	0	0	0.8	9	32.8545	35.571
376	2018	07	08	2.44	33.6	0	0	0.8	5	32.9056	35.5799
377	2018	07	08	6.28	40.4	0	0	0.8	0	32.8334	35.5884
378	2018	07	08	8.09	53	1.9	0	1.9	3	32.8399	35.5863
379	2018	07	08	11.04	1.55	0	0	0	0.2	32.8668	35.594
380	2018	07	08	12.39	10.2	2.7	0	2.7	0.3	32.9088	35.5707
381	2018	07	08	12.52	17.4	2.3	0	2.3	0.2	32.8569	35.5927
382	2018	07	08	13.30	47.58	0	0	0	0.2	32.8513	35.6043
383	2018	07	08	13.53	54.9	2.2	0	2.4	0.2	32.8611	35.6067
384	2018	07	08	14.22	1.5	2.4	0	2.3	0.2	32.8502	35.6106
385	2018	07	08	14.50	12.7	1.7	0	1.9	4	32.8417	35.5735
386	2018	07	08	14.51	40.8	2.1	0	2.1	0.2	32.8514	35.6395
387	2018	07	08	18.18	4.4	1.4	0	1.6	1	32.8555	35.5648
388	2018	07	08	18.36	51.1	2.2	0	2.3	0.4	32.8667	35.6004
389	2018	07	08	19.00	48.3	2.9	0	2.8	0.8	32.8597	35.5906
390	2018	07	08	20.04	54.05	0	0	0	0.3	32.8656	35.563
391	2018	07	08	20.06	31.7	0	0	1.6	0	32.8452	35.5701
392	2018	07	08	20.28	34.1	1.8	0	1.8	1	32.8361	35.574
393	2018	07	08	20.40	46.1	0	0	1.3	3	32.8624	35.5616
394	2018	07	08	20.43	15.6	0	0	1.4	2	32.8524	35.5712
395	2018	07	08	21.41	5.2	0	0	1	4	32.8654	35.5873
396	2018	07	08	21.42	45.26	0	0	0	0.2	32.8522	35.6032
397	2018	07	08	21.55	27.9	0	0	1.2	1	32.8766	35.5851
398	2018	07	08	21.56	45.2	2	0	2.1	1.6	32.8101	35.5902
399	2018	07	08	23.58	53.9	1.6	0	1.7	0	32.8833	35.5822
400	2018	07	09	0.59	30.3	2.5	0	2.3	0.4	32.8603	35.6024
401	2018	07	09	2.45	24	2.7	0	2.5	0.3	32.8546	35.6182
402	2018	07	09	4.58	26.5	0	0	1.4	0	32.8553	35.5632
403	2018	07	09	5.19	3.5	0	0	2.1	19	32.8729	35.607
404	2018	07	09	5.19	40.9	0	0	2.1	1	32.8629	35.5627
405	2018	07	09	5.26	40	2.1	0	2.1	0.2	32.8821	35.5966
406	2018	07	09	5.45	24.6	2	0	2.2	0.2	32.8463	35.6255

Tectonics

407	2018	07	09	6.01	12.8	2.4	0	2.4	0.2	32.8397	35.5975
408	2018	07	09	6.03	18.9	1.7	0	1.7	0	32.8362	35.586
409	2018	07	09	6.29	56.9	0	0	1.4	4	32.8319	35.6049
410	2018	07	09	6.30	28.5	0	0	1.3	0	32.8321	35.5947
411	2018	07	09	8.12	51.1	0	0	1.5	0	32.8388	35.5814
412	2018	07	09	8.17	47.4	0	0	1.7	15	32.8367	35.6114
413	2018	07	09	8.29	10.6	1.6	0	1.7	4	32.8299	35.586
414	2018	07	09	12.24	50.1	0	0	1.3	3	32.8399	35.5777
415	2018	07	09	14.14	29.7	0	0	1.8	4	32.8454	35.5894
416	2018	07	09	14.46	45.3	0	0	1.5	3	32.8251	35.5997
417	2018	07	09	14.59	35.7	0	0	1.2	25	32.8259	35.5936
418	2018	07	09	15.16	4.47	0	0	0	0.2	32.8646	35.6121
419	2018	07	09	15.27	34.9	0	0	1.6	3	32.8468	35.5965
420	2018	07	09	18.36	59.7	1.7	0	1.8	1	32.847	35.5829
421	2018	07	09	19.31	16.8	0	0	1.7	4	32.843	35.5927
422	2018	07	09	20.30	17.3	0	0	1.3	0	32.833	35.6015
423	2018	07	09	20.42	50.6	1.7	0	1.8	3	32.839	35.5852
424	2018	07	09	20.44	16.5	0	0	1.4	5	32.873	35.5783
425	2018	07	09	20.45	53.9	0	0	1.3	0	32.8524	35.584
426	2018	07	09	20.46	56.3	0	0	1	6	32.8668	35.583
427	2018	07	09	20.54	6.5	0	0	0.9	8	32.8652	35.5879
428	2018	07	09	21.07	14.5	0	0	1	5	32.8614	35.5885
429	2018	07	09	22.06	12.8	0	0	0.9	3	32.838	35.5818
430	2018	07	09	22.11	7.8	0	0	0.7	13	32.8294	35.5766
431	2018	07	09	22.16	38	0	0	0.7	3	32.8479	35.5718
432	2018	07	09	22.45	18.4	1	0	0.9	1	32.8438	35.599
433	2018	07	09	22.57	21.2	0	0	0.8	3	32.838	35.5882
434	2018	07	09	22.59	9.6	0	0	0.6	0	32.8588	35.5598
435	2018	07	09	23.26	8.8	1	0	1.1	0	32.8688	35.5836
436	2018	07	10	0.06	22.3	0	0	0.5	1	32.8678	35.5483
437	2018	07	10	0.16	55.8	0	0	1	5	32.8878	35.5569
438	2018	07	10	0.35	26	0	0	0.8	0	32.8654	35.5915
439	2018	07	10	1.29	2.2	1.8	0	1.9	1	32.8354	35.5859
440	2018	07	10	2.36	48.6	0	0	1.2	0	32.8413	35.5914
441	2018	07	10	3.39	46.4	1.8	0	1.9	0	32.8609	35.5717
442	2018	07	10	5.28	31.3	0	0	1.5	0	32.8713	35.5712
443	2018	07	10	7.39	27.8	0	0	1.3	0	32.8525	35.5897
444	2018	07	10	12.56	27.6	0	0	1.4	5	32.8554	35.5923
445	2018	07	10	14.05	46.6	0	0	1.2	5	32.893	35.5691
446	2018	07	10	15.22	37.7	1.5	0	1.6	4	32.8474	35.5899
447	2018	07	10	15.26	5.4	0	0	1.3	4	32.8667	35.5557
448	2018	07	10	15.47	6.1	0	0	1	0	32.8359	35.5572
449	2018	07	10	16.05	51.6	0	0	0.8	2	32.8609	35.5688
450	2018	07	10	19.11	24.2	0	0	0.9	0	32.8704	35.5696
451	2018	07	10	19.19	43.6	0	0	1.3	0	32.8379	35.5867
452	2018	07	10	19.25	20.4	2.3	0	2.3	0.2	32.8467	35.6063

Tectonics

453	2018	07	10	19.31	54.9	0	0	1.6	0	32.8201	35.5925
454	2018	07	10	19.53	14.9	0	0	0.9	2	32.8596	35.5639
455	2018	07	10	20.15	55.2	1.5	0	1.6	4	32.8285	35.5959
456	2018	07	10	22.02	50.3	0	0	1	2	32.8306	35.5907
457	2018	07	10	23.04	15.6	2.4	0	2.4	0.3	32.8827	35.5656
458	2018	07	10	23.36	41.2	0	0	1.3	0	32.8355	35.5744
459	2018	07	10	23.47	8.9	0	0	1.1	0	32.8216	35.5867
460	2018	07	10	23.51	48.5	0	0	1	5	32.8252	35.5788
461	2018	07	11	0.09	10	0	0	1.1	5	32.8724	35.5565
462	2018	07	11	0.10	1.9	0	0	0.8	4	32.8598	35.5639
463	2018	07	11	0.13	52.4	0	0	1.3	3	32.869	35.5699
464	2018	07	11	0.21	9.2	2.1	0	2.2	0.2	32.8368	35.6081
465	2018	07	11	0.43	35.7	0	0	0.7	10	32.866	35.5736
466	2018	07	11	0.58	37.2	0	0	0.9	4	32.872	35.5666
467	2018	07	11	1.09	32.1	0	0	0.9	5	32.8805	35.58
468	2018	07	11	3.49	34	0	0	1.1	5	32.8443	35.585
469	2018	07	11	4.29	10.1	0	0	1.2	6	32.8415	35.5886
470	2018	07	11	5.16	25	0	0	1.3	6	32.841	35.581
471	2018	07	11	6.33	40.5	0	0	0.8	1	32.8829	35.5612
472	2018	07	11	7.51	38.5	0	0	2	0.7	32.8704	35.5931
473	2018	07	11	8.21	20.9	0	0	0.9	2	32.8325	35.5573
474	2018	07	11	8.29	12.5	0	0	1.4	11	32.8422	35.5744
475	2018	07	11	8.57	15.7	1.5	0	1.6	4	32.8706	35.5602
476	2018	07	11	10.59	42.2	1.6	0	1.7	1	32.8409	35.5581
477	2018	07	11	11.36	21.7	1.7	0	1.9	4	32.8355	35.5757
478	2018	07	11	14.22	40.3	1.6	0	1.5	5	32.845	35.5796
479	2018	07	11	15.00	23	0	0	1.2	6	32.8402	35.5835
480	2018	07	11	17.06	46.3	0	0	1.4	5	32.8506	35.569
481	2018	07	11	19.13	57	0	0	0.9	4	32.8706	35.5593
482	2018	07	11	19.27	12.5	0	0	1.4	10	32.8496	35.5824
483	2018	07	11	19.59	14.4	1.8	0	2	5	32.8733	35.5603
484	2018	07	11	20.01	4.7	2.2	0	2.3	0.2	32.8898	35.5744
485	2018	07	11	20.07	14.7	0	0	0.5	1	32.8493	35.5588
486	2018	07	11	20.43	48.2	0	0	0.7	4	32.8585	35.5732
487	2018	07	11	21.30	5.4	0	0	0.6	3	32.8638	35.5541
488	2018	07	11	21.59	30.8	0	0	1.1	5	32.8648	35.5592
489	2018	07	11	22.10	3.4	1.5	0	1.6	5	32.8661	35.5629
490	2018	07	12	0.42	58.6	0	0	1.6	2	32.8366	35.5905
491	2018	07	12	1.28	47.1	0	0	1.2	2	32.841	35.5726
492	2018	07	12	1.42	34.4	0	0	1.2	16	32.8455	35.5842
493	2018	07	12	5.16	13.3	1.7	0	1.7	4	32.831	35.5859
494	2018	07	12	5.39	41.8	0	0	1.8	5	32.837	35.583
495	2018	07	12	7.00	35	2.7	0	2.6	0.2	32.8752	35.6231
496	2018	07	12	7.53	38.6	0	0	2	3	32.8388	35.5823
497	2018	07	12	8.11	49.4	0	0	1.7	0	32.8315	35.5826
498	2018	07	12	11.02	53.3	1.7	0	2	0.2	32.8656	35.5673

Tectonics

499	2018	07	12	11.43	6.7	1.9	0	2	0.2	32.8224	35.6056
500	2018	07	12	15.37	22.2	0	0	1.4	0	32.8447	35.5674
501	2018	07	12	19.57	55.1	0	0	1.5	2	32.8567	35.5785
502	2018	07	12	22.27	39	1.5	0	1.7	1	32.862	35.5873
503	2018	07	12	22.59	6.1	0	0	1.1	1	32.8269	35.5557
504	2018	07	12	23.00	26.1	0	0	0.9	0	32.8356	35.5903
505	2018	07	13	0.11	43.3	0	0	2.1	0.7	32.8832	35.5849
506	2018	07	13	6.06	45	1.8	0	2.2	1.4	32.8972	35.6045
507	2018	07	13	6.52	8	0	0	1.8	1	32.8867	35.5982
508	2018	07	13	14.24	12.5	0	0	1.6	4	32.8648	35.586
509	2018	07	13	15.37	54.6	0	0	0.7	4	32.8629	35.5647
510	2018	07	13	20.24	54.2	0	0	1.2	8	32.888	35.5865
511	2018	07	13	21.46	57.2	0	0	1.5	3	32.8424	35.5773
512	2018	07	13	21.47	51.3	0	0	1.7	3	32.8436	35.5766
513	2018	07	13	21.59	1.8	0	0	1.1	0	32.8281	35.5828
514	2018	07	13	22.14	15.7	1.2	0	1.2	0	32.8435	35.5852
515	2018	07	14	1.26	5.9	1.7	0	1.8	0	32.8582	35.5824
516	2018	07	14	1.40	24.1	2	0	2	0	32.8413	35.5918
517	2018	07	14	1.54	7.7	1.6	0	1.7	0	32.833	35.5783
518	2018	07	14	6.11	38.4	1.8	0	1.9	0	32.853	35.5667
519	2018	07	14	8.48	54.1	0	0	1.7	1	32.8821	35.5718
520	2018	07	14	8.53	29.5	0	0	1	1	33.1062	35.5952
521	2018	07	14	9.02	50.1	0	0	1.1	0	32.84	35.5736
522	2018	07	14	11.26	25.1	0	0	1.3	0	32.8552	35.5691
523	2018	07	14	15.36	23.4	0	0	1.5	0	32.8242	35.5751
524	2018	07	14	17.11	46.6	2	0	2.1	0.5	32.8275	35.6196
525	2018	07	14	20.54	23.3	0	0	1.3	0	33.1005	35.5038
526	2018	07	14	22.37	53.1	0	0	1.3	0	32.8316	35.5763
527	2018	07	15	3.09	28.9	0	0	1.4	0	32.8255	35.5858
528	2018	07	15	9.39	8.9	0	0	0	0	32.9075	35.4523
529	2018	07	15	10.22	5.7	0	0	1.8	1	32.8598	35.5567
530	2018	07	15	10.30	55.5	0	0	1.4	0	32.8709	35.591
531	2018	07	15	10.58	54.7	0	0	1.3	5	32.8412	35.6007
532	2018	07	15	14.03	33.2	0	0	2	2.1	32.8743	35.5814
533	2018	07	15	14.16	29.4	0	0	1.5	5	32.8439	35.5819
534	2018	07	15	15.55	33.1	0	0	1.8	4	32.84	35.5805
535	2018	07	15	17.58	31.5	2.6	0	2.6	0	32.8328	35.5857
536	2018	07	15	18.39	29.3	0	0	1.5	3	32.848	35.5763
537	2018	07	15	19.01	27.1	0	0	1.5	25	32.8327	35.566
538	2018	07	15	20.21	55.6	0	0	1.5	0	32.865	35.5591
539	2018	07	16	1.08	48.3	0	0	1	24	32.8083	35.5829
540	2018	07	16	2.41	26.4	1.6	0	1.6	0	32.8282	35.5777
541	2018	07	16	6.30	35.8	0	0	1.2	0	32.8485	35.5558
542	2018	07	16	15.29	14.8	0	0	1	0	32.8578	35.5872
543	2018	07	16	18.40	55.5	0	0	0.7	9	32.8334	35.5896
544	2018	07	16	20.33	17.6	2.2	0	2	0.2	32.921	35.4994

Tectonics

545	2018	07	16	21.47	46.8	0	0	0	4	32.8619	35.5634
546	2018	07	16	21.48	17.3	0	0	0.9	0	32.8645	35.5683
547	2018	07	17	0.24	32.8	0	0	1.1	23	32.8488	35.5936
548	2018	07	17	2.07	45.4	0	0	1.3	5	32.8967	35.5553
549	2018	07	17	8.21	57	0	0	0.9	3	32.8738	35.559
550	2018	07	17	13.00	1	0	0	1.2	0	32.8612	35.5532
551	2018	07	17	17.39	14.5	1.9	0	1.9	0	32.8353	35.5743
552	2018	07	17	18.01	36.6	1.6	0	1.4	0	32.8355	35.5739
553	2018	07	18	15.24	9.1	2.1	0	2.1	0.5	32.8789	35.5784
554	2018	07	18	20.49	30	0	0	1.4	4	32.8334	35.5689
555	2018	07	18	21.24	29.7	1.6	0	1.8	0	32.8661	35.5704
556	2018	07	18	21.24	54.4	1.6	0	1.7	5	32.8628	35.5878
557	2018	07	18	23.51	14.7	0	0	1.1	5	32.8506	35.5669
558	2018	07	19	1.28	0.1	0	0	1.5	3	32.8453	35.5925
559	2018	07	19	3.39	34.2	0	0	1.2	0	32.8714	35.5639
560	2018	07	19	7.47	55.1	0	0	1.5	1	32.8262	35.6045
561	2018	07	20	1.10	32.6	0	0	1.3	0	32.8471	35.5746
562	2018	07	20	13.07	39.9	0	0	1	2	32.8413	35.584
563	2018	07	20	15.25	9.6	0	0	0.8	0	32.8179	35.5785
564	2018	07	20	16.58	21.5	0	0	1.4	1	32.8304	35.5801
565	2018	07	20	17.01	17.9	0	0	0.9	0	32.8327	35.5876
566	2018	07	20	18.52	55.7	0	0	1.4	1	32.8281	35.5679
567	2018	07	21	0.57	11.1	0	0	0.6	0	33.0018	35.5516
568	2018	07	21	0.57	43.9	0	0	1.2	1	32.8519	35.5766
569	2018	07	21	1.58	34.2	0	0	1.6	4	32.8393	35.5788
570	2018	07	21	2.04	12.4	0	0	0.9	0	32.8651	35.5706
571	2018	07	21	5.02	36.8	0	0	1.2	0	32.8365	35.5799
572	2018	07	21	7.46	8.3	0	0	1.1	0	32.8326	35.579
573	2018	07	21	14.18	49.8	0	0	1.6	0	32.9046	35.5542
574	2018	07	22	0.19	32.7	0	0	0.8	1	32.8865	35.5528
575	2018	07	22	0.36	58.3	0	0	0.6	15	33.0685	35.6218
576	2018	07	22	2.02	22.6	0	0	0	3	32.8362	35.5766
577	2018	07	22	6.41	26.13	0	0	0	0.2	32.8477	35.6042
578	2018	07	22	7.15	43.1	0	0	1.1	0	32.8286	35.5686
579	2018	07	22	7.21	6.7	0	0	1.7	0	32.8372	35.5519
580	2018	07	22	8.08	25.8	0	0	1.5	0	32.8728	35.5562
581	2018	07	22	15.33	29.1	0	0	1.2	0	32.8644	35.5847
582	2018	07	22	19.34	30.4	0	0	1.6	5	32.8525	35.5838
583	2018	07	22	22.22	42.9	0	0	1.6	0	32.8507	35.5753
584	2018	07	22	22.48	17.7	0	0	1.2	3	32.8435	35.5759
585	2018	07	23	3.18	8.5	1.7	0	1.8	3	32.8462	35.5724
586	2018	07	24	8.13	11	0	0	1.7	0	32.8254	35.5956
587	2018	07	24	11.58	21.1	0	0	1.6	0	32.8402	35.5771
588	2018	07	24	18.36	20.3	0	0	1	4	32.8342	35.5911
589	2018	07	24	21.39	9.6	0	0	0.7	0	32.8482	35.5859
590	2018	07	24	23.45	12.9	0	0	0.7	1	32.8739	35.5669

Tectonics

591	2018	07	25	4.56	4.2	0	0	1.5	16	33.1457	35.5792
592	2018	07	25	10.08	17.5	1.6	0	1.8	1	32.8408	35.5799
593	2018	07	25	10.52	5.3	1.9	0	2.1	0.2	32.8813	35.5923
594	2018	07	25	10.54	19.6	0	0	1.3	0	32.8539	35.5732
595	2018	07	25	13.42	39.8	0	0	1.7	1	32.8348	35.5867
596	2018	07	26	0.41	40.7	0	0	1.6	1	32.8157	35.5644
597	2018	07	26	1.39	4.1	0	0	1.1	6	32.8282	35.5852
598	2018	07	26	1.39	47	0	0	1.3	11	32.8401	35.588
599	2018	07	26	3.19	12.3	0	0	1.2	3	33.0433	35.7475
600	2018	07	26	3.23	14.4	0	0	0	8	32.7994	35.6204
601	2018	07	26	3.24	20.2	0	0	0	0	32.8968	35.5518
602	2018	07	26	17.17	10.6	0	0	1.4	6	32.8227	35.5851
603	2018	07	26	17.52	28.7	1.7	0	1.9	1.7	32.7599	35.4874
604	2018	07	26	18.30	50.6	0	0	1	2	32.8671	35.5731
605	2018	07	26	21.59	21.1	0	0	1.1	5	32.8433	35.5746
606	2018	07	27	8.51	18.03	0	0	0	0.3	32.8651	35.5886
607	2018	07	27	10.05	2.7	0	0	1.8	5	32.875	35.568
608	2018	07	27	10.07	3.4	0	0	1.4	0	32.8705	35.5627
609	2018	07	27	10.12	4.8	0	0	2.4	0.2	32.8754	35.5718
610	2018	07	27	10.35	51.2	0	0	1.2	0	32.8458	35.5634
611	2018	07	27	11.56	37.1	2.2	0	2.5	0.2	32.8815	35.5378
612	2018	07	27	12.58	33.5	0	0	1.7	0	32.8687	35.5712
613	2018	07	27	13.38	4.3	0	0	1.5	0	32.8642	35.568
614	2018	07	27	16.05	33.6	0	0	1.7	0	32.8597	35.5714
615	2018	07	27	22.13	58.9	0	0	1.1	1	32.8602	35.5672
616	2018	07	28	0.02	34.2	0	0	1.3	5	32.876	35.564
617	2018	07	28	0.14	40.9	0	0	1.3	4	32.8792	35.5674
618	2018	07	28	1.53	39.6	0	0	1.1	5	32.8704	35.5629
619	2018	07	28	3.24	0.9	0	0	1.8	3	32.8793	35.5591
620	2018	07	28	3.25	0.4	0	0	1.6	4	32.8738	35.5625
621	2018	07	28	3.48	11.5	0	0	1.2	5	32.8758	35.5653
622	2018	07	28	11.12	16.2	0	0	1.6	3	32.8797	35.5623
623	2018	07	28	11.23	48.3	0	0	1.5	5	32.8771	35.5827
624	2018	07	28	14.52	57.6	0	0	1.6	5	32.8819	35.5696
625	2018	07	28	14.59	30.9	0	0	1.4	4	32.8549	35.5601
626	2018	07	28	15.00	19.6	0	0	1.3	5	32.8798	35.5442
627	2018	07	28	15.11	52	0	0	1.6	4	32.8543	35.56
628	2018	07	28	15.48	57.6	0	0	1.6	5	32.8814	35.564
629	2018	07	28	19.03	51.6	0	0	1.2	4	32.8705	35.5651
630	2018	07	28	20.43	23.3	0	0	0	1	32.8903	35.5601
631	2018	07	28	22.32	25	0	0	1.4	5	32.8787	35.5629
632	2018	07	28	23.07	15.5	0	0	0	2	32.8497	35.5356
633	2018	07	28	23.10	16.6	0	0	0	2	32.8469	35.5432
634	2018	07	28	23.38	45.3	0	0	1	5	32.886	35.5658
635	2018	07	28	23.49	38.7	2.1	0	2.3	3.8	32.8833	35.5838
636	2018	07	28	23.52	33.2	0	0	1.6	0.2	32.8932	35.5841

Tectonics

637	2018	07	29	0.07	54.8	3.1	0	3.1	0	32.8616	35.5754
638	2018	07	29	0.26	59.1	2.4	0	2.5	1.4	32.8787	35.5848
639	2018	07	29	0.43	33.2	1.9	0	2.2	0	32.8745	35.5739
640	2018	07	29	6.27	12	0	0	0.9	0	32.8579	35.549
641	2018	07	29	7.20	0.4	1.6	0	1.7	0	32.8622	35.5881
642	2018	07	29	8.46	42.4	1.9	0	2.1	3	32.8156	35.6278
643	2018	07	29	9.06	59.7	0	0	1	4	32.8395	35.5305
644	2018	07	29	10.32	8.9	0	0	1.7	0	32.8339	35.597
645	2018	07	29	11.16	31.7	1.9	0	1.9	1	32.8444	35.5773
646	2018	07	29	11.59	51.2	2	0	2	2.4	32.761	35.5195
647	2018	07	29	12.09	13.6	0	0	1.5	0	32.8255	35.5832
648	2018	07	29	12.25	23.3	0	0	1.3	5	32.8558	35.593
649	2018	07	29	13.16	50.4	0	0	1.2	0	32.8335	35.5968
650	2018	07	29	15.20	6.7	0	0	1.4	3	32.8609	35.5698
651	2018	07	29	15.24	56.7	0	0	1	5	32.8623	35.5475
652	2018	07	29	16.16	10.2	1.7	0	1.9	1	32.8673	35.5626
653	2018	07	30	2.59	49.3	2.3	0	2.2	0.4	32.8383	35.6199
654	2018	07	30	3.59	0.3	0	0	1.4	3	32.8507	35.5666
655	2018	07	30	7.11	39.7	0	0	1.4	0	32.8214	35.5702
656	2018	07	30	8.03	36.3	0	0	1.4	5	32.8606	35.5818
657	2018	07	30	11.42	30.7	0	0	1.4	3	32.8289	35.5892
658	2018	07	30	12.39	36.1	1.7	0	1.7	4	32.8136	35.5913
659	2018	07	30	18.54	39.6	0	0	1.1	0	32.8591	35.571
660	2018	07	30	20.48	57.3	0	0	0.9	8	33.1518	35.5809
661	2018	07	30	20.52	47.4	0	0	0.9	0	33.1785	35.6114
662	2018	07	30	20.58	53.4	0	0	1	9	32.8397	35.6032
663	2018	07	31	0.42	56.5	2.3	0	2.2	0.3	32.8371	35.6338
664	2018	07	31	1.22	11.6	0	0	0.8	0	32.846	35.5662
665	2018	07	31	1.30	49.7	0	0	1.1	3	32.8236	35.5828
666	2018	07	31	10.51	8.9	0	0	1	9	32.9077	35.5421
667	2018	07	31	11.39	10	1.8	0	1.8	5	32.837	35.5914
668	2018	07	31	16.25	27.9	2	0	2.2	5.8	32.88	35.6083
669	2018	07	31	16.45	38.1	0	0	1.4	4	32.8562	35.5795
670	2018	07	31	16.45	16.7	0	0	1.2	1	32.8522	35.5592
671	2018	08	01	0.09	28.7	0	0	0.8	1	32.8633	35.5675
672	2018	08	01	0.49	21.3	1.7	0	1.8	1	32.8287	35.5634
673	2018	08	01	1.20	11	0	0	0.7	3	32.8798	35.5543
674	2018	08	01	2.06	39.7	1.7	0	1.9	4	32.8462	35.5639
675	2018	08	01	2.32	53.5	0	0	0	0	32.8162	35.534
676	2018	08	01	3.17	42.1	0	0	0.9	8	32.799	35.5793
677	2018	08	01	3.17	49.5	0	0	2	11	32.8367	35.615
678	2018	08	01	5.59	40.8	1.6	0	1.8	10	32.8514	35.5666
679	2018	08	01	9.40	37.9	1.8	0	1.8	6	32.8403	35.5899
680	2018	08	01	9.48	20.4	0	0	0.8	1	32.8148	35.5588
681	2018	08	01	11.37	9.3	0	0	1.6	3	32.813	35.5634
682	2018	08	01	14.32	39.4	1.7	0	1.9	5	32.8797	35.5656

Tectonics

683	2018	08	02	1.21	58.3	0	0	1.3	4	32.8777	35.5531
684	2018	08	02	1.49	2.2	1.4	0	1.6	4	32.8789	35.5545
685	2018	08	02	9.27	48.6	0	0	0	3	32.8789	35.5655
686	2018	08	02	11.32	48.6	0	0	0.6	0	32.896	35.5543
687	2018	08	02	19.56	9.3	0	0	0	10	32.8234	35.5942
688	2018	08	02	21.32	41.7	0	0	0.9	6	32.8608	35.5743
689	2018	08	02	22.19	30.2	0	0	1	5	32.8853	35.5701
690	2018	08	03	0.10	38.8	0	0	1	0	32.8891	35.5851
691	2018	08	03	11.28	10	0	0	1.2	0	32.8686	35.5743
692	2018	08	04	0.18	5.8	0	0	1.2	0	32.8245	35.5477
693	2018	08	04	0.40	7	0	0	1.4	25	32.8563	35.5807
694	2018	08	04	3.06	25.3	0	0	1.4	0	32.8254	35.5775
695	2018	08	04	3.07	10.5	2	0	2.3	1.4	32.902	35.5491
696	2018	08	04	6.48	6.5	0	0	1.7	4	32.8205	35.5806
697	2018	08	04	8.21	28.1	0	0	1.8	4	32.825	35.5796
698	2018	08	04	15.10	24.2	0	0	1.6	4	32.8242	35.5909
699	2018	08	05	0.33	25.7	0	0	1.1	3	32.8603	35.5528
700	2018	08	05	0.44	34.3	2.1	0	2.2	0.4	32.8631	35.6014
701	2018	08	05	0.49	11.5	1.8	0	2	0	32.8374	35.5702
702	2018	08	05	0.52	52	0	0	1.3	0	32.8376	35.5673
703	2018	08	05	1.28	12.6	1.6	0	1.6	0	32.8468	35.5705
704	2018	08	05	1.33	2.1	2	0	2.1	0.2	32.8309	35.6314
705	2018	08	05	3.24	0.9	0	0	1.5	0	32.8289	35.5691
706	2018	08	06	21.34	50.7	0	0	1.4	5	32.8624	35.5757
707	2018	08	07	13.37	39.6	0	0	1.4	4	32.8847	35.5587
708	2018	08	07	13.38	38.7	0	0	1.4	0	32.9065	35.5622
709	2018	08	07	14.58	47.5	0	0	1.6	1	32.8769	35.5523
710	2018	08	07	15.01	3.8	0	0	0	3	32.877	35.5577
711	2018	08	07	15.01	13.8	1.2	0	1.5	1	32.8795	35.5664
712	2018	08	07	15.11	30.1	0	0	1.3	4	32.8742	35.5561
713	2018	08	08	4.48	2.9	1.6	0	1.7	1	32.8848	35.5501
714	2018	08	08	10.41	45.4	0	0	1.1	3	32.8285	35.556
715	2018	08	08	21.09	17.8	0	0	1.5	4	32.8714	35.5779
716	2018	08	08	22.10	28.1	2	0	2.1	2.6	32.8555	35.6161
717	2018	08	08	23.21	9.8	2.2	0	2.2	2.1	32.8437	35.6201
718	2018	08	08	23.33	48.5	0	0	1.2	5	32.8735	35.571
719	2018	08	09	3.21	13.2	0	0	1.3	0	32.8368	35.6007
720	2018	08	10	1.41	39.7	0	0	1.1	19	33.1141	35.6101
721	2018	08	10	12.40	13.9	0	0	1.3	5	32.8333	35.5701
722	2018	08	10	14.40	48.8	2.3	0	2.4	0.7	32.8385	35.6124
723	2018	08	10	19.13	11.6	0	0	1.3	4	32.8623	35.568
724	2018	08	10	22.35	9.4	0	0	0.9	21	32.8479	35.5872
725	2018	08	10	23.34	5.7	1	0	1.2	12	32.7202	35.4385
726	2018	08	11	10.49	45.1	0	0	1.3	1	32.8394	35.5576
727	2018	08	11	22.56	14	0	0	1.6	4	32.8687	35.5573
728	2018	08	11	23.03	53.2	0	0	1.3	4	32.8525	35.5615

Tectonics

729	2018	08	11	23.59	11.1	0	0	0.8	4	32.854	35.5468
730	2018	08	12	0.31	13.7	0	0	1.1	0	32.8534	35.5658
731	2018	08	12	17.41	45	0	0	1.1	20	32.9623	35.6176
732	2018	08	13	5.23	58.4	1.6	0	1.6	5	32.8685	35.5815
733	2018	08	13	5.56	48.9	2.1	0	2.1	3.5	32.7991	35.5536
734	2018	08	13	9.39	32.1	0	0	1.4	0	32.8434	35.5505
735	2018	08	13	17.50	20.9	0	0	1.1	4	32.8881	35.5628
736	2018	08	16	6.00	3.2	0	0	1.6	4	32.844	35.5717
737	2018	08	16	21.27	39.8	0	0	1.6	5	32.8452	35.5776
738	2018	08	17	2.40	55	2.1	0	2	0.2	32.9047	35.6774
739	2018	08	17	3.15	53.4	0	0	1.1	5	32.8254	35.5753
740	2018	08	17	7.53	9.4	2.3	0	2.2	0.2	32.8482	35.6223
741	2018	08	17	13.09	34.6	0	0	1.5	6	32.8441	35.5718
742	2018	08	17	23.06	36.4	0	0	1.1	4	32.8751	35.5676
743	2018	08	18	22.59	9.3	0	0	0.9	6	32.8615	35.5635
744	2018	08	18	23.42	24.6	0	0	0.8	5	32.8723	35.5708
745	2018	08	19	20.44	11.5	0	0	1.3	3	32.8911	35.5505
746	2018	08	20	1.15	13	0	0	0.8	4	32.8645	35.5931
747	2018	08	20	19.47	56.4	0	0	0.7	5	32.8371	35.5765
748	2018	08	21	15.15	59.2	0	0	1.6	6	32.8616	35.5872
749	2018	08	22	22.54	58.3	0	0	1.2	0	32.8461	35.6102
750	2018	08	22	22.58	46	0	0	0.9	1	32.8725	35.5601
751	2018	08	23	20.54	30.9	0	0	1.2	5	32.8939	35.5874
752	2018	08	24	2.53	17.6	0	0	1.1	4	32.866	35.5801
753	2018	08	24	5.24	25.4	0	0	1.3	4	32.8186	35.582
754	2018	08	24	10.05	33.4	0	0	1.3	4	32.8295	35.5776
755	2018	08	24	19.04	1.5	0	0	1.3	17	32.7266	35.2775
756	2018	08	24	20.44	44.8	1.4	0	1.5	3	32.8805	35.5627
757	2018	08	25	4.37	14.6	0	0	0.8	3	32.818	35.5855
758	2018	08	25	18.12	42.3	1.6	0	1.7	1	32.8294	35.5858
759	2018	08	25	21.32	49.4	0	0	1.3	4	32.8624	35.5759
760	2018	08	25	23.52	44.8	0	0	1	5	32.8561	35.5697
761	2018	08	26	5.44	23.1	0	0	1.2	7	32.812	35.5812
762	2018	08	26	17.35	0.2	0	0	0.9	1	32.9016	35.5573
763	2018	08	30	23.24	5.4	0	0	2	3	32.8374	35.5764
764	2018	08	30	23.44	5.8	0	0	1.2	4	32.8391	35.5644

Reference

Grigoli, F., Cesca, S., Vassallo, M., & Dahm, T. (2013). Automated Seismic Event Location by Travel-Time Stacking: An Application to Mining Induced Seismicity. *Seismological Research Letters*, 84(4), 666–677. <https://doi.org/10.1785/0220120191>