

**LAMPIRAN**  
**DATA GEMPA BUMI PERIODE APRIL 2009 – DESEMBER 2021 DI**  
**SEKITAR PLTA CIRATA**

No.	Tanggal	OT	Lat	Long	Depth	Mag
1	2009 04 26	00 41 31.0	-7.36	107.63	10	4
2	2009 07 17	00 43 54.0	-6.56	106.75	10	2.3
3	2009 08 30	02 16 01.0	-7.01	107.3	132	3.3
4	2009 09 04	13 10 45.0	-7.3	107.54	23	3.6
5	2009 09 05	17 09 59.0	-7.09	106.78	10	2.9
6	2009 09 08	10 23 13.0	-7.32	107.97	10	3
7	2009 09 09	13 21 49.0	-6.49	106.81	132	2.6
8	2009 10 28	20 38 06.0	-6.58	107.48	172	3.9
9	2009 11 06	19 40 12.0	-7.28	107.59	5	3.4
10	2009 12 11	23 16 46.0	-6.92	107.56	26	3.4
11	2010 01 15	21 22 47.0	-7.03	107.2	117	3.3
12	2010 01 25	04 22 08.0	-7.3	107.56	68	2.6
13	2010 01 25	15 51 11.0	-7.24	107.74	10	2.4
14	2010 01 26	07 26 24.0	-7.21	107.45	10	2.7
15	2010 01 31	17 49 21.0	-6.86	107.75	26	2.8
16	2010 02 05	16 31 20.0	-7.18	107.55	33	2.2
17	2010 02 05	21 48 22.0	-7.36	106.63	55	3
18	2010 02 06	09 23 22.0	-7.15	107.31	114	2.9
19	2010 02 06	21 13 44.0	-6.96	107.85	10	3.3
20	2010 02 20	11 57 01.0	-6.7	106.81	48	3.1
21	2010 02 26	21 02 00.0	-7.35	107.72	10	3.6
22	2010 03 02	06 40 00.0	-7.05	107.01	10	3
23	2010 03 08	14 21 12.0	-6.55	106.86	141	3.3
24	2010 03 25	21 35 19.0	-7.2	107.52	59	2.7
25	2010 03 25	22 21 36.0	-7.21	107.7	66	2.4
26	2010 03 27	02 55 21.0	-7.29	106.59	71	3.6
27	2010 03 27	17 06 37.0	-7.2	107.55	32	2.5
28	2010 04 02	15 27 48.0	-7.15	107.71	42	2.9
29	2010 04 06	20 29 42.0	-7.09	106.63	126	2.6
30	2010 04 10	01 08 53.0	-7.2	107.83	91	2.9
31	2010 04 10	08 04 02.0	-6.79	107.74	35	2.9
32	2010 04 16	14 01 35.0	-7.28	107.56	64	3
33	2010 04 16	19 31 44.0	-7.13	107.97	10	2.3
34	2010 04 19	22 07 52.0	-7.02	107.45	36	2.7
35	2010 04 21	23 20 37.0	-7.15	107.62	41	2.8

36	2010 04 24	10 57 32.0	-7.35	107.6	64	3
37	2010 05 01	18 49 02.0	-6.41	107.41	51	3
38	2010 05 03	09 28 31.0	-6.95	106.96	124	3.9
39	2010 05 03	22 27 35.0	-7.11	107.57	131	2.6
40	2010 05 09	19 22 33.0	-6.85	106.77	23	2.3
41	2010 05 14	02 52 18.0	-6.51	106.86	15	3.2
42	2010 05 18	22 01 00.0	-7.12	106.65	83	3.6
43	2010 05 26	03 49 29.0	-7.35	107.82	10	3.3
44	2010 05 29	07 37 03.0	-6.81	107.08	26	3
45	2010 06 03	09 47 24.0	-7.36	106.79	67	3.1
46	2010 06 05	15 28 46.0	-6.87	107.03	10	2.9
47	2010 06 05	23 56 53.0	-7.37	107.03	53	2.9
48	2010 06 15	00 51 43.0	-7.01	107.29	35	2.7
49	2010 06 25	21 54 01.0	-7.1	106.75	29	2.6
50	2010 06 30	14 16 14.0	-7.03	106.83	129	4.1
51	2010 07 03	21 33 27.0	-7.21	106.87	11	2.9
52	2010 07 07	12 55 15.0	-7.14	106.87	10	3.3
53	2010 07 09	07 12 17.0	-7.27	107.18	67	3.3
54	2010 07 13	06 51 10.0	-7.21	107.68	11	2.8
55	2010 07 13	06 52 49.0	-7.23	107.62	10	2.9
56	2010 07 13	07 15 20.0	-7.2	107.64	14	2.6
57	2010 07 14	08 10 50.0	-7.35	107.65	10	2.9
58	2010 07 23	17 59 12.0	-7.24	107.73	10	3.1
59	2010 07 23	17 59 12.0	-7.22	107.8	10	3.2
60	2010 09 07	06 00 11.0	-6.81	106.65	10	3.8
61	2010 09 13	18 35 45.0	-7.14	106.62	10	3
62	2010 09 13	18 51 00.0	-7.33	107.62	30	2.5
63	2010 09 24	03 45 27.0	-7.16	107.37	102	3.2
64	2010 09 24	19 52 38.0	-7.16	107.54	10	3.2
65	2010 10 02	06 29 50.0	-6.44	107.83	261	3.6
66	2010 10 27	14 49 01.0	-7.34	107.67	10	4.4
67	2010 11 06	02 59 48.0	-7.31	107.57	10	3
68	2010 11 08	23 20 48.0	-6.57	107.22	10	3.5
69	2010 11 16	06 06 20.0	-7.22	107.8	16	3
70	2010 11 24	04 42 01.0	-7.12	107.71	15	2.9
71	2010 11 28	17 42 28.0	-6.86	107.06	10	3.5
72	2010 12 03	21 03 15.0	-7.12	106.81	57	2.4
73	2010 12 06	13 15 30.0	-6.73	107.39	21	2.8
74	2010 12 09	11 58 48.0	-7.34	107.52	10	4.1
75	2010 12 11	15 38 08.0	-6.84	107.75	26	3
76	2010 12 28	04 28 40.0	-7.16	107.75	302	3.8

77	2010 12 28	06 58 43.0	-7.24	107.44	10	3.4
78	2011 01 01	02 10 41.0	-6.97	107.37	32	3.3
79	2011 01 13	05 36 37.0	-7.35	106.87	72	4.3
80	2011 01 24	03 46 21.0	-6.92	107.71	38	2.8
81	2011 02 15	13 52 37.0	-6.9	107.23	46	3.1
82	2011 02 26	06 29 35.8	-6.9	107.09	163	4.9
83	2011 04 22	21 21 15.5	-6.81	106.59	10	2.8
84	2011 04 22	23 21 59.1	-7.07	107.31	29	3.1
85	2011 04 29	10 00 05.7	-6.87	107.13	28	2.9
86	2011 05 01	18 37 05.9	-6.77	106.65	10	3
87	2011 05 25	03 45 33.3	-7.2	107.16	95	3.2
88	2011 05 30	04 44 31.7	-6.82	106.64	10	3
89	2011 06 05	00 45 42.3	-6.48	107.3	13	3.5
90	2011 06 21	22 43 09.5	-6.73	107.26	200	4.7
91	2011 07 03	09 01 23.5	-7.35	106.61	92	4.4
92	2011 07 21	22 46 46.8	-6.89	107.79	23	3
93	2011 08 03	16 51 51.5	-6.69	106.7	15	2.7
94	2011 08 11	04 46 32.4	-6.51	107.01	93	3.3
95	2011 08 28	09 05 59.2	-6.92	107.52	10	3.3
96	2011 08 30	09 55 58.2	-6.55	107.1	364	4.7
97	2011 09 03	17 49 01.3	-6.75	107.35	11	2.8
98	2011 10 06	00 46 01.4	-7.22	107.62	10	4
99	2011 10 07	03 32 19.9	-6.83	107.78	23	3.1
100	2011 10 25	13 08 36.4	-6.93	107.72	34	3.3
101	2011 11 02	13 02 25.6	-7.21	107.04	91	3.4
102	2011 11 03	09 04 52.9	-7.1	107.57	33	3.1
103	2011 11 09	02 09 01.2	-7.36	107.56	11	3.3
104	2011 12 08	04 52 06.6	-6.67	107.24	7	2.8
105	2011 12 11	20 01 53.7	-6.96	107.68	10	2.8
106	2011 12 28	18 33 58.4	-6.82	107.07	38	3.2
107	2012 01 01	12 24 04.7	-7.01	107.3	39	3.2
108	2012 01 04	21 28 38.3	-6.6	106.82	10	3.3
109	2012 01 10	00 37 13.6	-7.06	106.83	10	3.3
110	2012 01 17	04 09 37.2	-6.81	106.83	12	3
111	2012 02 12	11 13 11.6	-7.31	106.64	10	3.7
112	2012 02 26	14 14 17.4	-7.34	107.55	10	3.9
113	2012 02 26	15 08 04.2	-7.24	107.61	12	3.1
114	2012 02 28	02 29 04.8	-6.93	106.9	10	3
115	2012 02 29	21 55 53.2	-7.17	107.67	10	3.2
116	2012 03 07	12 50 44.8	-7.24	107.62	10	3.4
117	2012 03 09	08 26 43.3	-7.36	107.84	144	3.6

118	2012 04 19	14 35 37.9	-7.01	107.46	10	3.6
119	2012 04 27	04 17 30.9	-7.3	107.65	10	2.8
120	2012 05 03	14 39 15.4	-7.35	107.45	10	2.9
121	2012 05 03	16 54 12.1	-7.31	107.48	10	2.7
122	2012 05 03	18 09 06.5	-7.32	107.49	10	2.8
123	2012 05 14	15 39 35.2	-6.78	107	29	3.5
124	2012 05 21	05 29 45.9	-6.84	106.91	38	3.3
125	2012 05 29	22 59 14.3	-7.03	107.21	10	3.4
126	2012 06 11	21 07 43.5	-7.3	107.36	143	3.6
127	2012 07 08	06 57 07.4	-7.04	106.95	88	3.5
128	2012 08 10	07 31 52.9	-7.13	107.51	173	3.1
129	2012 09 08	18 27 15.5	-6.75	106.58	10	4.6
130	2012 11 01	14 12 01.6	-6.89	107.45	140	5.7
131	2012 11 18	23 18 17.6	-7.26	106.7	62	3.4
132	2012 11 24	00 34 52.1	-6.6	107.88	285	3.5
133	2012 11 27	17 17 04.3	-6.7	106.63	10	2.6
134	2012 12 03	21 23 46.8	-6.71	106.69	10	3.4
135	2012 12 15	08 45 49.9	-7.21	107.18	123	4.8
136	2012 12 19	09 27 27.6	-6.6	106.64	10	3.5
137	2013 01 07	15 46 52.4	-6.83	107.16	151	3.1
138	2013 01 15	14 47 54.3	-6.95	107.12	125	3.6
139	2013 03 27	23 03 08.6	-6.78	106.81	12	3.4
140	2013 05 01	20 30 44.6	-7.34	107.63	11	3
141	2013 05 02	00 38 10.9	-7.35	107.59	10	3.5
142	2013 05 06	01 26 25.4	-7.33	107.71	19	3.1
143	2013 05 06	04 01 11.7	-7.33	107.62	10	3.7
144	2013 05 06	17 13 01.4	-7.36	107.56	10	3.3
145	2013 05 06	17 55 03.2	-7.31	107.59	10	3.3
146	2013 05 07	22 27 06.9	-7.33	107.69	17	3
147	2013 05 07	23 12 39.6	-7.36	107.59	10	3.5
148	2013 05 09	10 49 54.7	-7.26	107.74	10	3.4
149	2013 05 10	00 35 03.2	-7.36	107.61	12	3.8
150	2013 05 11	02 35 50.1	-7.37	107.58	10	3.5
151	2013 05 11	23 49 17.2	-7.37	107.69	30	3.1
152	2013 05 14	12 58 40.3	-6.8	106.62	10	3.7
153	2013 05 15	06 34 07.3	-7.29	107.8	128	3.8
154	2013 05 23	16 17 43.5	-7.37	107.59	10	3.4
155	2013 05 29	12 39 04.3	-6.76	107.65	10	4.6
156	2013 05 31	06 11 52.6	-6.99	106.93	99	3.1
157	2013 06 18	11 41 06.3	-7.16	107.85	25	3.4
158	2013 11 04	04 41 43.9	-7.22	107.79	10	3.8

159	2013 12 18	14 14 28.9	-6.85	106.83	10	4.3
160	2013 12 19	16 41 48.1	-7	107.12	136	4.5
161	2014 01 14	06 45 38.9	-7.37	107.55	20	2.5
162	2014 01 15	09 26 11.9	-6.81	106.64	121	5
163	2014 01 22	17 41 10.7	-6.76	106.71	10	3.8
164	2014 01 26	14 01 46.3	-7.08	107.03	76	3.5
165	2014 01 27	10 52 14.4	-7.17	107.32	10	3.2
166	2014 02 26	05 16 31.6	-6.73	106.63	10	3
167	2014 02 28	05 20 41.5	-7.24	107.29	156	3.8
168	2014 04 08	23 59 01.3	-6.84	106.84	14	2.2
169	2014 04 09	00 04 31.4	-6.72	106.66	20	2.6
170	2014 04 12	02 55 21.1	-6.6	107.18	10	3.7
171	2014 04 12	16 14 44.8	-6.59	107.18	10	3.2
172	2014 05 31	16 21 46.6	-7.28	107.64	10	3.3
173	2014 06 07	00 07 20.7	-6.77	106.59	10	4
174	2014 06 21	15 29 50.3	-6.73	106.94	10	2.5
175	2014 07 06	12 44 39.2	-7.21	107.63	10	3
176	2014 07 06	12 55 53.6	-7.27	107.62	12	3.2
177	2014 07 06	12 58 01.3	-7.23	107.63	10	3
178	2014 07 06	13 10 39.9	-7.26	107.59	10	3.1
179	2014 07 06	13 20 27.2	-7.21	107.61	10	2.1
180	2014 07 06	13 23 13.5	-7.15	107.62	10	2.3
181	2014 07 06	13 27 39.3	-7.23	107.61	10	2.1
182	2014 07 06	14 44 37.3	-7.17	107.72	10	3.2
183	2014 07 28	00 10 09.3	-7.32	107.59	11	2.3
184	2014 07 31	10 03 42.1	-6.93	106.73	113	3.7
185	2014 08 07	04 35 32.8	-6.72	106.71	17	2.8
186	2014 08 14	18 02 45.7	-7.21	107.77	10	3.2
187	2014 08 16	20 12 17.2	-7.28	107.7	10	3.4
188	2014 08 22	07 06 49.7	-7.33	107.38	10	3
189	2014 08 27	17 13 07.1	-6.98	106.69	14	3.1
190	2014 10 17	09 26 00.3	-6.83	107.03	161	5.2
191	2014 10 21	08 02 51.6	-7.37	107.59	10	3.6
192	2014 11 24	20 18 05.3	-6.69	106.69	10	2.1
193	2014 11 28	21 06 02.5	-7.26	107.71	10	3.5
194	2015 02 06	01 22 13.7	-6.87	106.69	10	3.3
195	2015 02 14	05 57 50.6	-6.85	107.89	13	3.4
196	2015 03 12	10 12 02.3	-6.6	107.44	48	3.2
197	2015 03 12	17 10 14.8	-7.03	106.93	10	2.7
198	2015 03 28	10 25 24.6	-7.1	107.66	10	3.3
199	2015 05 03	16 35 03.6	-6.93	106.68	10	3.1

200	2015 05 03	16 35 03.6	-6.93	106.68	10	3.1
201	2015 05 26	02 28 12.2	-7.26	107.67	10	3.3
202	2015 05 28	06 55 13.2	-7.09	106.63	94	3.7
203	2015 06 21	04 40 19.9	-7.28	106.61	83	3
204	2015 07 01	18 38 29.3	-7.23	107.35	10	2.8
205	2015 08 08	19 51 13.7	-6.76	107.77	10	3.2
206	2015 08 09	02 37 51.3	-6.76	107.76	10	3.4
207	2015 10 05	15 57 56.1	-7.14	107.12	11	2.4
208	2015 10 05	18 06 46.9	-7.16	107.11	15	2.4
209	2015 11 12	12 07 21.6	-6.99	106.68	122	4.8
210	2015 11 30	03 01 24.4	-6.66	107.77	10	2.6
211	2015 11 30	12 20 00.5	-7.11	106.73	91	3.5
212	2015 12 11	19 50 10.4	-6.71	106.66	12	2.2
213	2015 12 28	07 46 55.7	-7.34	107.62	11	3.1
214	2016 01 04	08 52 15.7	-7.18	107.82	13	2.3
215	2016 01 15	09 05 46.6	-7.26	106.67	80	4.6
216	2016 01 18	23 01 59.9	-6.81	106.93	32	3
217	2016 02 14	23 01 52.8	-7.17	107.3	23	2.5
218	2016 02 16	15 05 48.9	-7.37	107.02	129	4.9
219	2016 02 18	14 40 04.5	-6.92	106.73	87	2.4
220	2016 02 23	21 43 00.9	-7.28	107.63	10	2.3
221	2016 02 23	23 53 31.2	-7.36	107.71	10	4.2
222	2016 03 03	17 20 22.2	-6.62	107.4	10	2.5
223	2016 03 13	23 27 42.2	-7.23	106.81	128	3.3
224	2016 03 18	09 54 05.7	-6.82	107.13	10	2.7
225	2016 04 08	15 14 35.2	-7.26	107.61	10	3.7
226	2016 04 08	15 20 36.1	-7.22	107.57	10	3.1
227	2016 04 08	15 28 48.6	-7.17	107.55	10	3.1
228	2016 04 08	17 32 05.5	-7.24	107.55	10	3.2
229	2016 04 08	17 49 05.9	-7.24	107.55	10	2.6
230	2016 04 08	19 15 34.1	-7.34	107.56	10	3.8
231	2016 04 08	21 01 05.2	-7.26	107.57	10	2.1
232	2016 04 11	02 30 33.7	-7.36	107.59	10	3.2
233	2016 04 17	04 53 27.1	-6.67	106.65	10	3
234	2016 04 19	05 24 38.7	-7.13	106.98	12	2.9
235	2016 05 10	02 22 35.5	-6.74	107.96	10	2.9
236	2016 05 10	04 43 02.3	-6.54	107.97	10	2.6
237	2016 05 12	00 21 25.2	-7.19	107.56	160	4.5
238	2016 05 19	16 50 29.4	-7.11	107.08	147	2.5
239	2016 06 05	22 42 01.2	-6.74	106.67	10	2.7
240	2016 06 14	15 15 33.1	-6.77	106.69	10	2.3

241	2016 08 25	03 06 31.9	-6.89	106.89	161	4.1
242	2016 08 28	06 47 37.7	-7.2	106.86	105	4.6
243	2016 11 05	23 44 13.6	-7.3	107.54	10	4.1
244	2016 12 13	11 28 46.2	-7.32	106.61	89	4.7
245	2016 12 14	03 27 12.5	-6.41	106.59	262	4.2
246	2017 01 06	00 08 39.3	-7.31	106.7	67	3.5
247	2017 01 15	13 30 09.2	-6.99	107.06	66	2.6
248	2017 02 14	21 47 54.5	-6.96	106.83	10	3.8
249	2017 02 20	14 26 10.6	-7	107.09	10	2.8
250	2017 02 22	16 01 52.9	-6.8	107.96	10	2.3
251	2017 03 21	00 54 29.3	-7.05	106.98	103	4
252	2017 03 26	15 06 51.5	-6.53	106.71	145	3.8
253	2017 04 05	08 20 48.8	-6.48	106.65	152	4.7
254	2017 04 07	15 19 17.2	-7.11	106.74	10	3.5
255	2017 05 14	03 51 54.7	-6.78	107.55	10	2.7
256	2017 05 18	08 55 23.8	-6.85	107.56	10	2.8
257	2017 05 30	17 42 07.1	-7.23	107.37	146	3.3
258	2017 06 11	21 15 18.3	-7.07	107.66	173	3.4
259	2017 07 11	10 25 24.6	-7.32	106.78	37	3.1
260	2017 07 13	14 18 41.8	-7.01	106.63	105	3.3
261	2017 07 17	16 23 33.6	-7.27	107.72	10	3.1
262	2017 07 18	04 00 26.9	-7.24	107.46	162	3.5
263	2017 07 18	05 58 14.8	-7.19	107.75	10	3.9
264	2017 07 18	08 51 51.9	-6.72	106.62	10	3.5
265	2017 07 24	19 19 51.1	-6.9	107.04	175	3.6
266	2017 08 09	04 57 31.9	-7.35	106.9	111	3.6
267	2017 08 25	00 34 13.5	-7.3	107.57	10	3.3
268	2017 08 25	06 02 36.3	-7.34	107.6	10	3.8
269	2017 09 04	00 14 13.7	-7.22	107.59	10	3.1
270	2017 09 19	09 16 40.8	-7.17	106.8	97	3.1
271	2017 09 20	23 50 50.4	-7.35	107.33	28	2.6
272	2017 09 22	21 11 10.1	-7.36	107.4	141	3
273	2017 10 11	07 04 47.1	-7.31	107.27	130	4
274	2017 10 11	16 30 37.9	-7.36	106.61	62	4.6
275	2017 10 13	05 24 19.6	-7.27	107.68	160	3.2
276	2017 11 21	21 22 37.2	-6.76	106.64	10	3.6
277	2017 12 09	18 03 51.7	-7.23	107.71	13	2.2
278	2017 12 12	02 23 10.1	-7.15	107.01	114	4.6
279	2017 12 16	02 08 23.2	-6.68	107.51	10	2.8
280	2017 12 23	01 21 57.4	-7.27	106.64	105	3
281	2017 12 31	13 46 24.6	-7.02	106.75	10	2.7

282	2018 01 01	10 40 23.6	-6.9	106.83	10	3.7
283	2018 01 02	20 58 33.8	-7.02	107.77	295	2.7
284	2018 01 03	03 49 07.5	-7.36	106.84	110	3.3
285	2018 01 11	10 47 28.8	-7.25	106.8	84	3.8
286	2018 01 18	19 08 00.4	-7.29	106.6	170	3.1
287	2018 01 26	12 40 02.4	-7.37	106.9	96	3
288	2018 02 04	14 39 29.3	-7.16	107.33	105	2.5
289	2018 02 05	06 52 19.4	-7.29	106.88	10	2.6
290	2018 02 05	15 20 51.9	-7.22	107.72	12	2.7
291	2018 02 14	06 58 24.1	-7.18	106.88	10	3.5
292	2018 02 17	22 33 40.4	-7.25	107.71	10	2.9
293	2018 02 18	18 44 32.3	-7.04	107.01	10	2.3
294	2018 02 27	03 15 02.7	-6.73	106.67	14	2.9
295	2018 02 27	20 56 00.9	-7.11	106.97	10	2.2
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300	2018 03 03	17 49 25.8	-7.26	106.9	10	2.7
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307	2018 03 07	15 04 43.8	-6.68	106.95	10	2.5
308	2018 03 08	09 33 13.2	-6.98	106.71	45	2.8
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313	2018 03 25	22 33 36.0	-7.3	106.83	10	3
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317	2018 04 03	15 39 48.4	-7.28	106.9	10	2.5
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324	2018 04 27	16 38 51.3	-7.24	106.84	10	2.9
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341	2018 05 04	16 04 40.9	-7.08	106.95	10	2.1
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346	2018 05 15	17 42 51.0	-7.36	106.82	10	2.3
347	2018 05 15	21 05 55.9	-7.2	107.64	10	1.8
348	2018 05 24	01 03 53.6	-7.37	107.56	16	2.3
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377	2018 06 30	02 04 50.8	-7.34	107.56	10	2.9
378	2018 07 02	05 49 53.2	-7.31	107.59	10	2.9
379	2018 07 04	18 45 23.3	-7.28	107.71	10	3.9
380	2018 07 07	08 07 36.2	-7.03	106.63	13	2.3
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385	2018 07 09	07 57 20.5	-7.25	107.61	10	2.6
386	2018 07 19	10 27 53.8	-6.63	107.62	10	3
387	2018 07 21	06 09 12.4	-6.77	106.65	10	3.4
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396	2018 08 17	08 19 04.2	-7.32	107.64	12	3
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417	2019 01 15	05 16 36.2	-6.71	106.61	10	3.5
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419	2019 01 19	19 09 43.2	-7.22	107.6	10	2.6
420	2019 01 21	03 53 39.8	-7.19	107.55	10	2.8
421	2019 01 21	15 55 40.1	-7.23	107.64	10	2
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582	2021 07 30	04 59 05.7	-6.94	107.02	10	2.5
583	2021 07 30	23 09 41.5	-6.91	106.96	10	3.1
584	2021 08 20	15 00 48.0	-7.11	107.49	19	2.9
585	2021 08 29	16 43 12.0	-7.26	107.6	10	2
586	2021 09 22	18 09 27.0	-7.28	107.52	32	2.2
587	2021 10 07	23 15 50.0	-7.17	107.01	10	2.9
588	2021 10 11	8 18 07.0	-6.83	106.66	101	3.3
589	2021 10 11	12 17 45.0	-6.63	107.74	265	2.9
590	2021 10 19	22 12 34.0	-6.42	107.21	299	2.9
591	2021 10 21	19 35 14.0	-7.26	107.58	10	2.6
592	2021 10 22	03 40 22.0	-7.08	106.99	161	3.4
593	2021 10 24	14 11 26.0	-7.18	107.22	10	3.2
594	2021 11 06	02 54 28.0	-6.61	107	155	3
595	2021 11 17	17 11 08.0	-7.18	107.6	10	2.5
596	2021 11 17	17 20 17.0	-7.2	107.59	13	2.5
597	2021 11 21	14 27 29.0	-7.21	106.69	99	2.8
598	2021 11 29	19 38 54.0	-6.53	107.38	10	3.2
599	2021 12 01	00 05 45.0	-7.2	107.69	10	3.7
600	2021 12 01	00 10 50.0	-7.25	107.68	10	3
601	2021 12 01	07 01 46.0	-7.23	107.66	10	2.2
602	2021 12 01	17 55 40.0	-7.24	107.72	11	2.2
603	2021 12 04	07 00 29.0	-7.26	107.55	10	3
604	2021 12 05	01 39 20.0	-7.25	107.61	10	2.5
605	2021 12 07	11 18 23.0	-7.25	107.61	10	2.7
606	2021 12 07	11 32 15.0	-7.25	107.61	11	2.4
607	2021 12 07	11 38 15.0	-7.18	107.71	15	2.6
608	2021 12 07	22 18 34.0	-6.72	107.34	10	3.4