

Tabela 2 Catálogo de eventos Alfvênicos de longa duração (1999–2024) identificados in-situ a 1 UA usando o critério de correlação Vx-Bx.

Tabela 2: Os eventos foram selecionados com base no critério de que o valor absoluto do coeficiente de correlação de Pearson entre o componente de velocidade do vento solar Vx e o componente do campo magnético Bx permaneceu acima de 0,84 por pelo menos 24 horas consecutivas.

A tabela inclui, para cada evento: Um número sequencial, um ID único, os horários de início e fim (UTC) e a duração (h). Além disso, quatro indicadores binários (onde 1=sim, 0=não) classificam a associação do evento com fenômenos do vento solar:

- ICME (Interplanetary Coronal Mass Ejection),
- HSS (High Speed Solar Wind Streams),
- ICME And HSS (associação simultânea com ambos),
- Not ICME And Not HSS (sem associação, representando o vento solar calmo).

Um total de **358 intervalos Alfvênicos** foram identificados. A classificação de ICME é baseada no catálogo de Richardson e Cane (2024), enquanto os intervalos de HSS foram identificados nos trabalhos de Xystouris, Sigala e Mavromichalaki (2014), e Gerontidou, Mavromichalaki e Daglis (2018).

Vale notar que as associações com HSS foram verificadas apenas até 2016, que é a última data disponível nos catálogos consultados. O catálogo de ICME se estende até 2024; entretanto, nenhum evento Alfvênico após 2016 está associado a ICME. A análise dos dados foi realizada até o dia 138 de 2024, que corresponde ao último valor disponível no banco de dados utilizado neste estudo. Para os anos em que não foram observados eventos, não há entradas na tabela.

Event	Event ID	Start Time (UTC)	End Time (UTC)	Duration (h)	ICME	HSS	ICME And HSS	Not ICME And Not HSS
1	1999-1	1999-01-01T00:00:00	1999-01-03T08:00:00	56	0	1	0	0
3	1999-3	1999-01-19T00:00:00	1999-01-20T00:00:00	24	0	0	0	1
4	1999-4	1999-01-27T12:00:00	1999-01-30T16:00:00	76	0	0	0	1
5	1999-5	1999-02-04T20:00:00	1999-02-08T08:00:00	84	0	1	0	0
6	1999-6	1999-02-13T00:00:00	1999-02-14T04:00:00	28	1	1	1	0
7	1999-7	1999-03-04T08:00:00	1999-03-05T12:00:00	28	0	1	0	0
2	1999-2	1999-01-07T12:00:00	1999-01-09T16:00:00	52	0	1	0	0
8	1999-8	1999-03-16T20:00:00	1999-03-19T00:00:00	52	0	1	0	0
9	1999-9	1999-03-23T12:00:00	1999-03-24T12:00:00	24	0	1	0	0
10	1999-10	1999-04-13T12:00:00	1999-04-14T16:00:00	28	0	0	0	1
11	1999-11	1999-05-02T08:00:00	1999-05-03T08:00:00	24	0	1	0	0
12	1999-12	1999-05-21T08:00:00	1999-05-22T12:00:00	28	0	1	0	0
13	1999-13	1999-06-18T20:00:00	1999-06-19T20:00:00	24	0	1	0	0
14	1999-14	1999-07-22T16:00:00	1999-07-23T16:00:00	24	0	1	0	0
15	1999-15	1999-07-24T08:00:00	1999-07-25T12:00:00	28	0	1	0	0
16	1999-16	1999-07-25T16:00:00	1999-07-27T00:00:00	32	0	1	0	0
17	1999-17	1999-08-27T12:00:00	1999-08-29T16:00:00	52	0	1	0	0
18	1999-18	1999-08-31T20:00:00	1999-09-02T00:00:00	28	0	1	0	0
19	1999-19	1999-09-13T00:00:00	1999-09-14T12:00:00	36	0	1	0	0
20	1999-20	1999-09-16T04:00:00	1999-09-18T16:00:00	60	0	1	0	0

21	1999-21	1999-09-23T20:00:00	1999-09-25T08:00:00	36	0	1	0	0
22	1999-22	1999-09-28T08:00:00	1999-09-30T20:00:00	60	0	1	0	0
23	1999-23	1999-10-12T04:00:00	1999-10-13T04:00:00	24	0	1	0	0
24	1999-24	1999-10-15T00:00:00	1999-10-16T20:00:00	44	0	1	0	0
25	1999-25	1999-10-24T04:00:00	1999-10-25T08:00:00	28	0	1	0	0
26	1999-26	1999-11-01T12:00:00	1999-11-03T04:00:00	40	0	0	0	1
27	1999-27	1999-11-08T20:00:00	1999-11-10T08:00:00	36	0	1	0	0
28	1999-28	1999-12-07T20:00:00	1999-12-09T12:00:00	40	0	1	0	0
29	1999-29	1999-12-09T20:00:00	1999-12-11T08:00:00	36	0	1	0	0
30	1999-30	1999-12-15T20:00:00	1999-12-17T16:00:00	44	0	1	0	0
31	1999-31	1999-12-18T00:00:00	1999-12-19T00:00:00	24	0	1	0	0
32	1999-32	1999-12-30T20:00:00	1999-12-31T20:00:00	24	0	1	0	0
					1	28	1	4
33	2000-1	2000-01-01T00:00:00	2000-01-02T16:00:00	40	0	1	0	0
34	2000-2	2000-01-04T16:00:00	2000-01-06T08:00:00	40	0	1	0	0
35	2000-3	2000-01-12T08:00:00	2000-01-13T16:00:00	32	0	1	0	0
36	2000-4	2000-01-13T20:00:00	2000-01-16T12:00:00	64	0	1	0	0
37	2000-5	2000-02-02T04:00:00	2000-02-04T04:00:00	48	0	1	0	0
38	2000-6	2000-02-06T12:00:00	2000-02-08T04:00:00	40	0	1	0	0
39	2000-7	2000-02-24T08:00:00	2000-02-25T12:00:00	28	0	1	0	0
40	2000-8	2000-02-28T08:00:00	2000-02-29T12:00:00	28	0	1	0	0
41	2000-9	2000-03-25T16:00:00	2000-03-27T12:00:00	44	0	1	0	0
42	2000-10	2000-04-08T12:00:00	2000-04-10T00:00:00	36	0	1	0	0
43	2000-11	2000-04-24T16:00:00	2000-04-25T16:00:00	24	0	1	0	0
44	2000-12	2000-04-28T04:00:00	2000-04-30T00:00:00	44	0	0	0	1
45	2000-13	2000-06-07T08:00:00	2000-06-08T08:00:00	24	0	1	0	0
46	2000-14	2000-06-28T12:00:00	2000-06-29T20:00:00	32	0	1	0	0
47	2000-15	2000-07-04T16:00:00	2000-07-07T08:00:00	64	0	1	0	0
48	2000-16	2000-07-30T04:00:00	2000-07-31T04:00:00	24	1	1	1	0
49	2000-17	2000-08-03T00:00:00	2000-08-05T00:00:00	48	0	1	0	0
50	2000-18	2000-08-05T16:00:00	2000-08-06T16:00:00	24	0	1	0	0
51	2000-19	2000-09-21T00:00:00	2000-09-22T00:00:00	24	0	1	0	0
52	2000-20	2000-09-22T20:00:00	2000-09-24T04:00:00	32	0	1	0	0
53	2000-21	2000-09-26T04:00:00	2000-09-28T08:00:00	52	0	1	0	0
54	2000-22	2000-10-17T16:00:00	2000-10-18T16:00:00	24	0	1	0	0
55	2000-23	2000-10-19T00:00:00	2000-10-20T00:00:00	24	0	1	0	0
56	2000-24	2000-10-24T16:00:00	2000-10-25T20:00:00	28	0	1	0	0
57	2000-25	2000-11-12T16:00:00	2000-11-14T00:00:00	32	0	1	0	0
58	2000-26	2000-11-20T16:00:00	2000-11-21T16:00:00	24	0	0	0	1
59	2000-27	2000-12-12T16:00:00	2000-12-13T16:00:00	24	0	1	0	0
60	2000-28	2000-12-17T08:00:00	2000-12-18T16:00:00	32	0	0	0	1
61	2000-29	2000-12-19T00:00:00	2000-12-20T00:00:00	24	0	0	0	1
					1	25	1	4
62	2001-1	2001-02-11T16:00:00	2001-02-12T16:00:00	24	0	1	0	0

63	2001-2	2001-02-16T04:00:00	2001-02-17T08:00:00	28	0	1	0	0
64	2001-3	2001-03-07T08:00:00	2001-03-10T12:00:00	76	0	1	0	0
65	2001-4	2001-04-10T08:00:00	2001-04-11T08:00:00	24	0	1	0	0
66	2001-5	2001-04-16T04:00:00	2001-04-17T04:00:00	24	0	1	0	0
67	2001-6	2001-04-24T12:00:00	2001-04-25T12:00:00	24	0	1	0	0
68	2001-7	2001-05-26T12:00:00	2001-05-27T12:00:00	24	0	1	0	0
69	2001-8	2001-06-03T16:00:00	2001-06-05T04:00:00	36	0	1	0	0
70	2001-9	2001-06-13T12:00:00	2001-06-14T12:00:00	24	0	1	0	0
71	2001-10	2001-06-22T00:00:00	2001-06-24T08:00:00	56	0	1	0	0
72	2001-11	2001-06-25T12:00:00	2001-06-26T12:00:00	24	0	1	0	0
73	2001-12	2001-07-18T16:00:00	2001-07-20T00:00:00	32	0	1	0	0
74	2001-13	2001-08-06T16:00:00	2001-08-08T00:00:00	32	0	1	0	0
75	2001-14	2001-09-28T00:00:00	2001-09-29T08:00:00	32	0	1	0	0
76	2001-15	2001-10-09T20:00:00	2001-10-11T12:00:00	40	0	1	0	0
77	2001-16	2001-11-22T16:00:00	2001-11-24T04:00:00	36	0	1	0	0
78	2001-17	2001-12-05T04:00:00	2001-12-06T20:00:00	40	0	1	0	0
79	2001-18	2001-12-18T16:00:00	2001-12-19T16:00:00	24	0	1	0	0
					0	18	0	0
80	2002-1	2002-01-12T04:00:00	2002-01-13T20:00:00	40	0	1	0	0
81	2002-2	2002-01-27T00:00:00	2002-01-28T12:00:00	36	0	1	0	0
82	2002-3	2002-02-09T00:00:00	2002-02-11T04:00:00	52	0	1	0	0
83	2002-4	2002-02-21T04:00:00	2002-02-22T08:00:00	28	0	1	0	0
84	2002-5	2002-02-23T08:00:00	2002-02-24T12:00:00	28	0	1	0	0
85	2002-6	2002-02-27T04:00:00	2002-02-28T04:00:00	24	0	0	0	1
86	2002-7	2002-03-06T00:00:00	2002-03-07T04:00:00	28	0	1	0	0
87	2002-8	2002-04-05T08:00:00	2002-04-06T08:00:00	24	0	1	0	0
88	2002-9	2002-05-12T08:00:00	2002-05-13T08:00:00	24	0	1	0	0
89	2002-10	2002-05-14T00:00:00	2002-05-15T08:00:00	32	0	1	0	0
90	2002-11	2002-06-11T00:00:00	2002-06-12T08:00:00	32	0	1	0	0
91	2002-12	2002-06-20T20:00:00	2002-06-22T04:00:00	32	0	1	0	0
92	2002-13	2002-06-23T20:00:00	2002-06-25T04:00:00	32	0	1	0	0
93	2002-14	2002-07-26T16:00:00	2002-07-27T20:00:00	28	0	1	0	0
94	2002-15	2002-08-11T20:00:00	2002-08-12T20:00:00	24	0	1	0	0
95	2002-16	2002-08-13T08:00:00	2002-08-14T08:00:00	24	0	1	0	0
96	2002-17	2002-08-15T20:00:00	2002-08-17T00:00:00	28	0	1	0	0
97	2002-18	2002-08-17T16:00:00	2002-08-18T16:00:00	24	0	1	0	0
98	2002-19	2002-09-12T04:00:00	2002-09-14T00:00:00	44	0	1	0	0
99	2002-20	2002-10-17T00:00:00	2002-10-18T16:00:00	40	0	1	0	0
100	2002-21	2002-10-19T04:00:00	2002-10-20T20:00:00	40	0	1	0	0
101	2002-22	2002-10-26T04:00:00	2002-10-27T04:00:00	24	0	1	0	0
102	2002-23	2002-11-02T08:00:00	2002-11-04T12:00:00	52	0	1	0	0
103	2002-24	2002-11-05T08:00:00	2002-11-06T08:00:00	24	0	1	0	0
104	2002-25	2002-11-22T04:00:00	2002-11-23T08:00:00	28	0	1	0	0
105	2002-26	2002-11-23T16:00:00	2002-11-25T00:00:00	32	0	1	0	0

106	2002-27	2002-11-29T12:00:00	2002-12-01T08:00:00	44	0	1	0	0
107	2002-28	2002-12-01T12:00:00	2002-12-02T16:00:00	28	0	1	0	0
108	2002-29	2002-12-02T20:00:00	2002-12-05T12:00:00	64	0	1	0	0
109	2002-30	2002-12-14T20:00:00	2002-12-17T16:00:00	68	0	1	0	0
110	2002-31	2002-12-28T16:00:00	2002-12-29T16:00:00	24	0	1	0	0
					0	30	0	1
111	2003-1	2003-01-01T16:00:00	2003-01-02T16:00:00	24	0	1	0	0
112	2003-2	2003-01-10T16:00:00	2003-01-11T20:00:00	28	0	1	0	0
113	2003-3	2003-01-12T04:00:00	2003-01-13T04:00:00	24	0	1	0	0
114	2003-4	2003-01-19T12:00:00	2003-01-20T12:00:00	24	0	1	0	0
115	2003-5	2003-01-24T20:00:00	2003-01-26T20:00:00	48	0	1	0	0
116	2003-6	2003-02-06T00:00:00	2003-02-09T20:00:00	92	0	1	0	0
117	2003-7	2003-02-10T04:00:00	2003-02-11T04:00:00	24	0	0	0	1
118	2003-8	2003-02-15T08:00:00	2003-02-17T20:00:00	60	0	1	0	0
119	2003-9	2003-02-28T12:00:00	2003-03-01T16:00:00	28	0	1	0	0
120	2003-10	2003-03-06T12:00:00	2003-03-07T16:00:00	28	0	1	0	0
121	2003-11	2003-03-08T04:00:00	2003-03-09T20:00:00	40	0	1	0	0
122	2003-12	2003-03-14T12:00:00	2003-03-16T00:00:00	36	0	1	0	0
123	2003-13	2003-03-16T04:00:00	2003-03-17T12:00:00	32	0	1	0	0
124	2003-14	2003-03-18T00:00:00	2003-03-19T04:00:00	28	0	1	0	0
125	2003-15	2003-03-21T00:00:00	2003-03-23T20:00:00	68	0	1	0	0
126	2003-16	2003-03-27T08:00:00	2003-03-28T08:00:00	24	0	1	0	0
127	2003-17	2003-04-01T08:00:00	2003-04-04T00:00:00	64	0	1	0	0
128	2003-18	2003-04-16T12:00:00	2003-04-17T12:00:00	24	0	1	0	0
129	2003-19	2003-04-18T12:00:00	2003-04-20T04:00:00	40	0	1	0	0
130	2003-20	2003-04-23T00:00:00	2003-04-24T08:00:00	32	0	1	0	0
131	2003-21	2003-04-26T00:00:00	2003-04-27T04:00:00	28	0	1	0	0
132	2003-22	2003-05-06T04:00:00	2003-05-07T16:00:00	36	0	1	0	0
133	2003-23	2003-05-12T00:00:00	2003-05-13T00:00:00	24	0	1	0	0
134	2003-24	2003-05-14T00:00:00	2003-05-16T04:00:00	52	0	1	0	0
135	2003-25	2003-05-22T16:00:00	2003-05-24T08:00:00	40	0	1	0	0
136	2003-26	2003-06-02T20:00:00	2003-06-04T08:00:00	36	0	1	0	0
137	2003-27	2003-06-06T08:00:00	2003-06-07T12:00:00	28	0	1	0	0
138	2003-28	2003-06-09T20:00:00	2003-06-11T08:00:00	36	0	1	0	0
139	2003-29	2003-06-22T12:00:00	2003-06-24T04:00:00	40	0	1	0	0
140	2003-30	2003-06-24T08:00:00	2003-06-26T08:00:00	48	0	1	0	0
141	2003-31	2003-06-30T00:00:00	2003-07-01T08:00:00	32	0	1	0	0
142	2003-32	2003-07-04T08:00:00	2003-07-05T08:00:00	24	0	1	0	0
143	2003-33	2003-07-20T16:00:00	2003-07-21T16:00:00	24	0	1	0	0
144	2003-34	2003-07-30T20:00:00	2003-08-02T12:00:00	64	0	1	0	0
145	2003-35	2003-08-09T08:00:00	2003-08-10T08:00:00	24	0	1	0	0
146	2003-36	2003-08-11T12:00:00	2003-08-12T20:00:00	32	0	1	0	0
147	2003-37	2003-08-13T08:00:00	2003-08-15T12:00:00	52	0	1	0	0
148	2003-38	2003-08-22T00:00:00	2003-08-23T08:00:00	32	0	1	0	0

149	2003-39	2003-08-27T00:00:00	2003-08-28T00:00:00	24	0	1	0	0
150	2003-40	2003-09-04T16:00:00	2003-09-07T04:00:00	60	0	1	0	0
151	2003-41	2003-09-10T08:00:00	2003-09-11T20:00:00	36	0	1	0	0
152	2003-42	2003-10-07T04:00:00	2003-10-08T08:00:00	28	0	1	0	0
153	2003-43	2003-10-08T12:00:00	2003-10-09T20:00:00	32	0	1	0	0
154	2003-44	2003-10-16T00:00:00	2003-10-18T04:00:00	52	0	1	0	0
155	2003-45	2003-10-19T00:00:00	2003-10-20T00:00:00	24	0	0	0	1
156	2003-46	2003-11-13T16:00:00	2003-11-15T04:00:00	36	0	1	0	0
157	2003-47	2003-11-16T16:00:00	2003-11-18T20:00:00	52	0	1	0	0
158	2003-48	2003-11-23T00:00:00	2003-11-24T12:00:00	36	0	0	0	1
159	2003-49	2003-11-24T16:00:00	2003-11-25T20:00:00	28	0	1	0	0
160	2003-50	2003-11-26T00:00:00	2003-11-27T16:00:00	40	0	1	0	0
161	2003-51	2003-12-12T00:00:00	2003-12-13T04:00:00	28	0	1	0	0
162	2003-52	2003-12-14T04:00:00	2003-12-15T04:00:00	24	0	1	0	0
163	2003-53	2003-12-21T16:00:00	2003-12-23T00:00:00	32	0	1	0	0
					0	50	0	3
164	2004-1	2004-01-05T00:00:00	2004-01-06T16:00:00	40	0	1	0	0
165	2004-2	2004-01-16T12:00:00	2004-01-17T16:00:00	28	0	1	0	0
166	2004-3	2004-01-18T12:00:00	2004-01-20T16:00:00	52	0	0	0	1
167	2004-4	2004-01-20T20:00:00	2004-01-22T00:00:00	28	0	0	0	1
168	2004-5	2004-01-31T12:00:00	2004-02-01T12:00:00	24	0	1	0	0
169	2004-6	2004-02-03T04:00:00	2004-02-04T08:00:00	28	0	1	0	0
170	2004-7	2004-02-13T16:00:00	2004-02-14T20:00:00	28	0	1	0	0
171	2004-8	2004-02-29T12:00:00	2004-03-02T12:00:00	48	0	1	0	0
172	2004-9	2004-03-05T12:00:00	2004-03-06T20:00:00	32	0	1	0	0
173	2004-10	2004-03-12T12:00:00	2004-03-13T16:00:00	28	0	1	0	0
174	2004-11	2004-03-13T20:00:00	2004-03-16T04:00:00	56	0	1	0	0
175	2004-12	2004-03-17T20:00:00	2004-03-19T00:00:00	28	0	1	0	0
176	2004-13	2004-03-19T20:00:00	2004-03-21T12:00:00	40	0	1	0	0
177	2004-14	2004-03-21T16:00:00	2004-03-23T12:00:00	44	0	1	0	0
178	2004-15	2004-03-29T08:00:00	2004-03-31T00:00:00	40	0	1	0	0
179	2004-16	2004-04-07T16:00:00	2004-04-08T16:00:00	24	0	1	0	0
180	2004-17	2004-04-22T04:00:00	2004-04-23T04:00:00	24	0	1	0	0
181	2004-18	2004-04-29T12:00:00	2004-04-30T20:00:00	32	0	1	0	0
182	2004-19	2004-05-08T08:00:00	2004-05-09T16:00:00	32	0	1	0	0
183	2004-20	2004-05-23T00:00:00	2004-05-24T08:00:00	32	0	1	0	0
184	2004-21	2004-05-24T20:00:00	2004-05-25T20:00:00	24	0	1	0	0
185	2004-22	2004-06-01T04:00:00	2004-06-02T08:00:00	28	0	1	0	0
186	2004-23	2004-06-02T12:00:00	2004-06-04T00:00:00	36	0	1	0	0
187	2004-24	2004-06-04T04:00:00	2004-06-06T20:00:00	64	0	1	0	0
188	2004-25	2004-06-15T20:00:00	2004-06-17T00:00:00	28	0	1	0	0
189	2004-26	2004-06-17T20:00:00	2004-06-18T20:00:00	24	0	1	0	0
190	2004-27	2004-07-01T16:00:00	2004-07-03T04:00:00	36	0	1	0	0
191	2004-28	2004-07-07T04:00:00	2004-07-08T04:00:00	24	0	1	0	0

192	2004-29	2004-07-28T00:00:00	2004-07-29T16:00:00	40	0	1	0	0
193	2004-30	2004-07-29T20:00:00	2004-07-30T20:00:00	24	0	1	0	0
194	2004-31	2004-08-21T16:00:00	2004-08-23T04:00:00	36	0	1	0	0
195	2004-32	2004-08-27T20:00:00	2004-08-29T00:00:00	28	0	1	0	0
196	2004-33	2004-09-07T12:00:00	2004-09-08T12:00:00	24	0	1	0	0
197	2004-34	2004-09-15T08:00:00	2004-09-17T08:00:00	48	1	1	1	0
198	2004-35	2004-09-22T16:00:00	2004-09-24T00:00:00	32	0	1	0	0
199	2004-36	2004-10-08T16:00:00	2004-10-10T04:00:00	36	0	1	0	0
200	2004-37	2004-11-14T12:00:00	2004-11-15T12:00:00	24	0	0	0	1
201	2004-38	2004-11-21T04:00:00	2004-11-22T08:00:00	28	0	1	0	0
202	2004-39	2004-11-30T08:00:00	2004-12-01T08:00:00	24	0	1	0	0
203	2004-40	2004-12-06T20:00:00	2004-12-08T16:00:00	44	0	1	0	0
204	2004-41	2004-12-17T04:00:00	2004-12-18T12:00:00	32	0	1	0	0
205	2004-42	2004-12-26T04:00:00	2004-12-27T08:00:00	28	0	1	0	0
					1	39	1	3
206	2005-1	2005-01-23T08:00:00	2005-01-24T08:00:00	24	0	1	0	0
207	2005-2	2005-01-29T20:00:00	2005-01-31T08:00:00	36	0	1	0	0
208	2005-3	2005-02-08T12:00:00	2005-02-09T12:00:00	24	0	1	0	0
209	2005-4	2005-02-09T16:00:00	2005-02-11T16:00:00	48	0	1	0	0
210	2005-5	2005-03-01T08:00:00	2005-03-02T08:00:00	24	0	1	0	0
211	2005-6	2005-04-14T04:00:00	2005-04-15T12:00:00	32	0	1	0	0
212	2005-7	2005-04-18T04:00:00	2005-04-19T04:00:00	24	0	1	0	0
213	2005-8	2005-04-23T16:00:00	2005-04-24T16:00:00	24	0	1	0	0
214	2005-9	2005-06-03T00:00:00	2005-06-04T04:00:00	28	0	0	0	1
215	2005-10	2005-07-02T12:00:00	2005-07-04T04:00:00	40	0	1	0	0
216	2005-11	2005-07-21T20:00:00	2005-07-22T20:00:00	24	0	1	0	0
217	2005-12	2005-08-23T04:00:00	2005-08-24T08:00:00	28	1	1	1	0
218	2005-13	2005-08-28T00:00:00	2005-08-29T04:00:00	28	0	0	0	1
219	2005-14	2005-09-17T08:00:00	2005-09-21T00:00:00	88	0	1	0	0
220	2005-15	2005-10-08T08:00:00	2005-10-09T08:00:00	24	0	1	0	0
221	2005-16	2005-11-13T00:00:00	2005-11-15T12:00:00	60	0	0	0	1
222	2005-17	2005-12-12T04:00:00	2005-12-13T04:00:00	24	0	1	0	0
223	2005-18	2005-12-29T12:00:00	2005-12-30T16:00:00	28	0	1	0	0
					1	15	1	3
224	2006-1	2006-06-07T12:00:00	2006-06-09T20:00:00	56	0	1	0	0
225	2006-2	2006-07-12T16:00:00	2006-07-13T16:00:00	24	0	1	0	0
226	2006-3	2006-08-07T20:00:00	2006-08-09T04:00:00	32	0	1	0	0
227	2006-4	2006-08-11T04:00:00	2006-08-12T08:00:00	28	0	1	0	0
228	2006-5	2006-09-25T20:00:00	2006-09-27T00:00:00	28	0	1	0	0
229	2006-6	2006-10-14T00:00:00	2006-10-15T12:00:00	36	0	1	0	0
230	2006-7	2006-10-23T04:00:00	2006-10-24T04:00:00	24	0	1	0	0
231	2006-8	2006-11-24T16:00:00	2006-11-25T20:00:00	28	0	1	0	0
232	2006-9	2006-12-11T16:00:00	2006-12-13T04:00:00	36	0	1	0	0
233	2006-10	2006-12-20T16:00:00	2006-12-21T16:00:00	24	0	1	0	0

					0	10	0	0
234	2007-1	2007-01-03T04:00:00	2007-01-04T16:00:00	36	0	1	0	0
235	2007-2	2007-01-17T08:00:00	2007-01-18T16:00:00	32	0	1	0	0
236	2007-3	2007-02-07T00:00:00	2007-02-09T08:00:00	56	0	1	0	0
237	2007-4	2007-03-13T04:00:00	2007-03-14T08:00:00	28	0	1	0	0
238	2007-5	2007-05-24T16:00:00	2007-05-26T04:00:00	36	0	0	0	1
239	2007-6	2007-05-27T00:00:00	2007-05-28T00:00:00	24	0	0	0	1
240	2007-7	2007-06-15T20:00:00	2007-06-16T20:00:00	24	0	1	0	0
241	2007-8	2007-09-22T04:00:00	2007-09-23T04:00:00	24	0	1	0	0
242	2007-9	2007-11-15T08:00:00	2007-11-16T12:00:00	28	0	1	0	0
243	2007-10	2007-12-14T00:00:00	2007-12-15T00:00:00	24	0	1	0	0
					0	8	0	2
244	2008-1	2008-01-07T00:00:00	2008-01-09T08:00:00	56	0	1	0	0
245	2008-2	2008-01-18T20:00:00	2008-01-20T04:00:00	32	0	1	0	0
246	2008-3	2008-02-29T20:00:00	2008-03-02T00:00:00	28	0	1	0	0
247	2008-4	2008-03-10T20:00:00	2008-03-11T20:00:00	24	0	1	0	0
248	2008-5	2008-03-12T12:00:00	2008-03-13T12:00:00	24	0	1	0	0
249	2008-6	2008-03-29T08:00:00	2008-03-30T20:00:00	36	0	1	0	0
250	2008-7	2008-04-07T16:00:00	2008-04-09T04:00:00	36	0	1	0	0
251	2008-8	2008-04-12T00:00:00	2008-04-13T04:00:00	28	0	1	0	0
252	2008-9	2008-06-17T16:00:00	2008-06-18T16:00:00	24	0	1	0	0
253	2008-10	2008-06-27T04:00:00	2008-06-28T16:00:00	36	0	1	0	0
254	2008-11	2008-07-15T20:00:00	2008-07-16T20:00:00	24	0	1	0	0
255	2008-12	2008-09-07T00:00:00	2008-09-08T00:00:00	24	0	1	0	0
256	2008-13	2008-10-11T20:00:00	2008-10-13T00:00:00	28	0	1	0	0
257	2008-14	2008-11-27T08:00:00	2008-11-28T12:00:00	28	0	1	0	0
258	2008-15	2008-12-24T00:00:00	2008-12-25T04:00:00	28	0	1	0	0
					0	15	0	0
259	2009-1	2009-07-24T00:00:00	2009-07-25T00:00:00	24	0	1	0	0
					0	1	0	0
260	2010-1	2010-04-07T04:00:00	2010-04-08T04:00:00	24	0	1	0	0
261	2010-2	2010-06-16T08:00:00	2010-06-17T20:00:00	36	0	1	0	0
262	2010-3	2010-06-27T20:00:00	2010-06-29T16:00:00	44	0	1	0	0
263	2010-4	2010-07-29T16:00:00	2010-07-30T20:00:00	28	0	1	0	0
264	2010-5	2010-09-07T08:00:00	2010-09-08T08:00:00	24	0	1	0	0
265	2010-6	2010-10-25T12:00:00	2010-10-26T16:00:00	28	0	1	0	0
					0	6	0	0
266	2011-1	2011-04-03T16:00:00	2011-04-04T16:00:00	24	0	1	0	0
267	2011-2	2011-06-25T16:00:00	2011-06-26T16:00:00	24	0	1	0	0
268	2011-3	2011-12-11T16:00:00	2011-12-12T20:00:00	28	0	1	0	0
269	2011-4	2011-12-22T04:00:00	2011-12-24T04:00:00	48	0	0	0	1
					0	3	0	1
270	2012-1	2012-01-06T08:00:00	2012-01-07T08:00:00	24	0	1	0	0
271	2012-2	2012-01-08T12:00:00	2012-01-09T16:00:00	28	0	1	0	0

272	2012-3	2012-03-01T16:00:00	2012-03-02T16:00:00	24	0	1	0	0
273	2012-4	2012-06-05T00:00:00	2012-06-06T00:00:00	24	0	1	0	0
274	2012-5	2012-07-18T08:00:00	2012-07-19T16:00:00	32	0	1	0	0
					0	5	0	0
275	2013-1	2013-03-15T20:00:00	2013-03-16T20:00:00	24	0	1	0	0
276	2013-2	2013-05-02T04:00:00	2013-05-04T00:00:00	44	0	1	0	0
277	2013-3	2013-05-07T16:00:00	2013-05-09T04:00:00	36	0	1	0	0
278	2013-4	2013-05-09T20:00:00	2013-05-10T20:00:00	24	0	1	0	0
279	2013-5	2013-05-11T00:00:00	2013-05-12T08:00:00	32	0	1	0	0
280	2013-6	2013-11-18T00:00:00	2013-11-19T16:00:00	40	0	1	0	0
					0	6	0	0
281	2014-1	2014-03-23T00:00:00	2014-03-24T08:00:00	32	0	1	0	0
282	2014-2	2014-04-01T16:00:00	2014-04-02T16:00:00	24	0	0	0	1
283	2014-3	2014-04-25T04:00:00	2014-04-27T00:00:00	44	0	1	0	0
284	2014-4	2014-08-29T12:00:00	2014-08-30T20:00:00	32	0	1	0	0
285	2014-5	2014-09-01T04:00:00	2014-09-03T20:00:00	64	0	1	0	0
286	2014-6	2014-09-08T08:00:00	2014-09-09T08:00:00	24	0	0	0	1
287	2014-7	2014-09-22T00:00:00	2014-09-23T20:00:00	44	0	0	0	1
288	2014-8	2014-09-24T20:00:00	2014-09-26T00:00:00	28	0	0	0	1
289	2014-9	2014-10-28T20:00:00	2014-10-29T20:00:00	24	0	0	0	1
290	2014-10	2014-11-13T04:00:00	2014-11-14T04:00:00	24	0	1	0	0
291	2014-11	2014-11-19T00:00:00	2014-11-21T20:00:00	68	0	1	0	0
292	2014-12	2014-11-22T04:00:00	2014-11-23T16:00:00	36	0	0	0	1
293	2014-13	2014-11-23T20:00:00	2014-11-24T20:00:00	24	0	0	0	1
294	2014-14	2014-11-28T12:00:00	2014-11-30T20:00:00	56	0	0	0	1
295	2014-15	2014-12-06T20:00:00	2014-12-07T20:00:00	24	0	0	0	1
296	2014-16	2014-12-16T08:00:00	2014-12-19T12:00:00	76	0	0	0	1
					0	6	0	10
297	2015-1	2015-01-11T20:00:00	2015-01-12T20:00:00	24	0	1	0	0
298	2015-2	2015-05-29T04:00:00	2015-05-31T08:00:00	52	0	1	0	0
299	2015-3	2015-07-05T04:00:00	2015-07-06T12:00:00	32	0	1	0	0
300	2015-4	2015-08-11T16:00:00	2015-08-12T20:00:00	28	0	1	0	0
301	2015-5	2015-08-19T20:00:00	2015-08-20T20:00:00	24	0	1	0	0
302	2015-6	2015-09-05T04:00:00	2015-09-06T12:00:00	32	0	1	0	0
303	2015-7	2015-09-27T00:00:00	2015-09-28T00:00:00	24	0	1	0	0
304	2015-8	2015-10-07T20:00:00	2015-10-08T20:00:00	24	0	1	0	0
305	2015-9	2015-12-02T16:00:00	2015-12-04T00:00:00	32	0	1	0	0
306	2015-10	2015-12-11T08:00:00	2015-12-12T08:00:00	24	0	1	0	0
					0	10	0	0
307	2016-1	2016-01-07T00:00:00	2016-01-08T08:00:00	32	0	1	0	0
308	2016-2	2016-03-17T00:00:00	2016-03-18T00:00:00	24	0	1	0	0
309	2016-3	2016-03-30T00:00:00	2016-03-31T00:00:00	24	0	1	0	0
310	2016-4	2016-04-24T04:00:00	2016-04-25T12:00:00	32	0	1	0	0
311	2016-5	2016-05-31T16:00:00	2016-06-02T00:00:00	32	0	1	0	0

312	2016-6	2016-06-17T08:00:00	2016-06-19T00:00:00	40	0	1	0	0
313	2016-7	2016-07-03T16:00:00	2016-07-04T16:00:00	24	0	1	0	0
314	2016-8	2016-08-25T20:00:00	2016-08-27T16:00:00	44	0	1	0	0
315	2016-9	2016-08-30T20:00:00	2016-09-01T04:00:00	32	0	1	0	0
316	2016-10	2016-09-09T12:00:00	2016-09-10T12:00:00	24	0	1	0	0
317	2016-11	2016-10-16T20:00:00	2016-10-18T00:00:00	28	0	1	0	0
318	2016-12	2016-10-25T20:00:00	2016-10-27T20:00:00	48	0	1	0	0
319	2016-13	2016-11-10T20:00:00	2016-11-11T20:00:00	24	0	1	0	0
320	2016-14	2016-11-26T08:00:00	2016-11-27T16:00:00	32	0	1	0	0
					0	14	0	0
321	2017-1	2017-03-02T00:00:00	2017-03-03T00:00:00	24	0	0	0	0
322	2017-2	2017-03-03T04:00:00	2017-03-04T04:00:00	24	0	0	0	0
323	2017-3	2017-03-05T16:00:00	2017-03-06T16:00:00	24	0	0	0	0
324	2017-4	2017-03-27T12:00:00	2017-03-29T04:00:00	40	0	0	0	0
325	2017-5	2017-04-22T16:00:00	2017-04-24T04:00:00	36	0	0	0	0
326	2017-6	2017-04-25T20:00:00	2017-04-27T04:00:00	32	0	0	0	0
327	2017-7	2017-06-18T00:00:00	2017-06-19T08:00:00	32	0	0	0	0
328	2017-8	2017-09-19T16:00:00	2017-09-20T20:00:00	28	0	0	0	0
329	2017-9	2017-09-28T12:00:00	2017-09-29T12:00:00	24	0	0	0	0
330	2017-10	2017-11-07T20:00:00	2017-11-09T00:00:00	28	0	0	0	0
					0	0	0	0
331	2019-1	2019-02-06T16:00:00	2019-02-07T16:00:00	24	0	0	0	0
					0	0	0	0
332	2020-1	2020-08-07T12:00:00	2020-08-08T12:00:00	24	0	0	0	0
					0	0	0	0
333	2021-1	2021-02-21T12:00:00	2021-02-23T00:00:00	36	0	0	0	0
334	2021-2	2021-07-20T16:00:00	2021-07-21T16:00:00	24	0	0	0	0
					0	0	0	0
335	2022-1	2022-01-22T00:00:00	2022-01-23T16:00:00	40	0	0	0	0
336	2022-2	2022-02-12T00:00:00	2022-02-13T04:00:00	28	0	0	0	0
337	2022-3	2022-02-20T12:00:00	2022-02-21T12:00:00	24	0	0	0	0
338	2022-4	2022-02-27T12:00:00	2022-03-01T08:00:00	44	0	0	0	0
339	2022-5	2022-04-28T12:00:00	2022-04-29T16:00:00	28	0	0	0	0
340	2022-6	2022-05-22T16:00:00	2022-05-23T20:00:00	28	0	0	0	0
341	2022-7	2022-09-06T00:00:00	2022-09-07T20:00:00	44	0	0	0	0
342	2022-8	2022-10-15T20:00:00	2022-10-16T20:00:00	24	0	0	0	0
343	2022-9	2022-12-09T08:00:00	2022-12-10T08:00:00	24	0	0	0	0
					0	0	0	0
344	2023-1	2023-01-24T04:00:00	2023-01-25T12:00:00	32	0	0	0	0
345	2023-2	2023-04-03T12:00:00	2023-04-04T16:00:00	28	0	0	0	0
346	2023-3	2023-05-24T12:00:00	2023-05-25T12:00:00	24	0	0	0	0
347	2023-4	2023-06-22T16:00:00	2023-06-23T16:00:00	24	0	0	0	0
348	2023-5	2023-06-25T20:00:00	2023-06-27T04:00:00	32	0	0	0	0
349	2023-6	2023-10-31T20:00:00	2023-11-02T00:00:00	28	0	0	0	0

350	2023-7	2023-11-08T20:00:00	2023-11-10T04:00:00	32	0	0	0	0
351	2023-8	2023-11-16T00:00:00	2023-11-17T00:00:00	24	0	0	0	0
352	2023-9	2023-11-22T04:00:00	2023-11-23T04:00:00	24	0	0	0	0
353	2023-10	2023-11-29T00:00:00	2023-11-30T00:00:00	24	0	0	0	0
					0	0	0	0
354	2024-1	2024-01-11T08:00:00	2024-01-12T08:00:00	24	0	0	0	0
355	2024-2	2024-03-01T04:00:00	2024-03-02T08:00:00	28	0	0	0	0
356	2024-3	2024-03-09T16:00:00	2024-03-10T20:00:00	28	0	0	0	0
357	2024-4	2024-04-02T04:00:00	2024-04-03T04:00:00	24	0	0	0	0
358	2024-5	2024-05-07T20:00:00	2024-05-09T08:00:00	36	0	0	0	0
					0	0	0	0