

Tabela 4 Catálogo de eventos Alfvênicos de longa duração (1999–2024) identificados in-situ a 1 UA usando o critério de correlação Vz-Bz.

Tabela 4: 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 Vz e o componente do campo magnético Bz permaneceu acima de 0,87 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 **377 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)	Duratio n (h)	ICME	HS S	ICME And HSS	Not ICME And Not HSS
1	1999-1	1999-01-01T00:00:00	1999-01-03T20:00:00	68	0	1	0	0
2	1999-2	1999-01-07T12:00:00	1999-01-08T16:00:00	28	0	1	0	0
3	1999-3	1999-01-10T16:00:00	1999-01-11T16:00:00	24	0	1	0	0
4	1999-4	1999-01-15T04:00:00	1999-01-16T12:00:00	32	0	1	0	0
5	1999-5	1999-01-27T16:00:00	1999-01-29T04:00:00	36	0	0	0	1
6	1999-6	1999-01-29T08:00:00	1999-01-30T16:00:00	32	0	0	0	1
7	1999-7	1999-02-04T16:00:00	1999-02-08T20:00:00	100	0	1	0	0
8	1999-8	1999-02-12T08:00:00	1999-02-13T20:00:00	36	0	1	0	0
9	1999-9	1999-02-14T16:00:00	1999-02-15T16:00:00	24	0	1	0	0
10	1999-10	1999-02-20T20:00:00	1999-02-21T20:00:00	24	0	1	0	0
11	1999-11	1999-03-04T08:00:00	1999-03-06T04:00:00	44	0	1	0	0
12	1999-12	1999-03-17T04:00:00	1999-03-18T16:00:00	36	0	1	0	0
13	1999-13	1999-04-13T12:00:00	1999-04-14T20:00:00	32	0	0	0	1
14	1999-14	1999-04-15T00:00:00	1999-04-16T08:00:00	32	0	0	0	1
15	1999-15	1999-04-30T16:00:00	1999-05-02T00:00:00	32	0	1	0	0
16	1999-16	1999-05-08T12:00:00	1999-05-09T12:00:00	24	0	1	0	0
17	1999-17	1999-05-19T16:00:00	1999-05-22T20:00:00	76	0	1	0	0

18	1999-1 8	1999-05-27T04: 00:00	1999-05-28T08: 00:00	28	0	0	0	1
19	1999-1 9	1999-06-17T12: 00:00	1999-06-18T12: 00:00	24	0	1	0	0
20	1999-2 0	1999-06-29T16: 00:00	1999-06-30T20: 00:00	28	0	1	0	0
21	1999-2 1	1999-07-22T12: 00:00	1999-07-24T04: 00:00	40	0	1	0	0
22	1999-2 2	1999-07-24T08: 00:00	1999-07-27T00: 00:00	64	0	1	0	0
23	1999-2 3	1999-08-07T00: 00:00	1999-08-08T08: 00:00	32	0	1	0	0
24	1999-2 4	1999-08-18T04: 00:00	1999-08-22T00: 00:00	92	1	1	1	0
25	1999-2 5	1999-08-27T00: 00:00	1999-08-30T00: 00:00	72	0	1	0	0
26	1999-2 6	1999-09-08T08: 00:00	1999-09-09T12: 00:00	28	0	1	0	0
27	1999-2 7	1999-09-16T20: 00:00	1999-09-17T20: 00:00	24	0	1	0	0
28	1999-2 8	1999-09-23T12: 00:00	1999-09-25T08: 00:00	44	1	1	1	0
29	1999-2 9	1999-09-28T12: 00:00	1999-09-29T20: 00:00	32	0	1	0	0
30	1999-3 0	1999-09-30T04: 00:00	1999-10-01T08: 00:00	28	0	1	0	0
31	1999-3 1	1999-10-12T04: 00:00	1999-10-13T04: 00:00	24	0	1	0	0
32	1999-3 2	1999-10-15T20: 00:00	1999-10-17T00: 00:00	28	0	1	0	0
33	1999-3 3	1999-10-24T04: 00:00	1999-10-25T20: 00:00	40	0	1	0	0
34	1999-3 4	1999-11-01T08: 00:00	1999-11-03T00: 00:00	40	0	0	0	1
35	1999-3 5	1999-11-08T20: 00:00	1999-11-10T08: 00:00	36	0	1	0	0
36	1999-3 6	1999-11-11T08: 00:00	1999-11-12T08: 00:00	24	0	1	0	0
37	1999-3 7	1999-12-04T16: 00:00	1999-12-06T20: 00:00	52	0	1	0	0
38	1999-3 8	1999-12-07T20: 00:00	1999-12-09T04: 00:00	32	0	1	0	0
39	1999-3 9	1999-12-09T12: 00:00	1999-12-11T08: 00:00	44	0	1	0	0
40	1999-4 0	1999-12-15T20: 00:00	1999-12-17T08: 00:00	36	0	1	0	0
41	1999-4 1	1999-12-17T20: 00:00	1999-12-21T00: 00:00	76	0	1	0	0
42	1999-4 2	1999-12-30T20: 00:00	1999-12-31T20: 00:00	24	0	1	0	0
				2	36	2		6
43	2000-1	2000-01-01T00: 00:00	2000-01-06T08: 00:00	128	0	1	0	0
44	2000-2	2000-01-06T16: 00:00	2000-01-08T12: 00:00	44	0	1	0	0
45	2000-3	2000-01-12T16: 00:00	2000-01-16T00: 00:00	80	0	1	0	0
46	2000-4	2000-01-28T12: 00:00	2000-01-30T20: 00:00	56	0	1	0	0
47	2000-5	2000-01-31T08: 00:00	2000-02-05T12: 00:00	124	0	1	0	0
48	2000-6	2000-02-09T00: 00:00	2000-02-10T08: 00:00	32	0	1	0	0
49	2000-7	2000-02-26T12: 00:00	2000-02-29T12: 00:00	72	0	1	0	0
50	2000-8	2000-03-25T00: 00:00	2000-03-26T12: 00:00	36	0	1	0	0
51	2000-9	2000-04-09T00: 00:00	2000-04-10T00: 00:00	24	0	1	0	0
52	2000-1 0	2000-04-28T04: 00:00	2000-04-30T00: 00:00	44	0	0	0	1

53	2000-1 1	2000-05-21T00: 00:00	2000-05-22T04: 00:00	28	0	0	0	1
54	2000-1 2	2000-05-30T00: 00:00	2000-06-01T08: 00:00	56	0	1	0	0
55	2000-1 3	2000-06-07T04: 00:00	2000-06-08T08: 00:00	28	0	1	0	0
56	2000-1 4	2000-06-15T12: 00:00	2000-06-16T12: 00:00	24	0	1	0	0
57	2000-1 5	2000-06-27T20: 00:00	2000-06-29T00: 00:00	28	0	1	0	0
58	2000-1 6	2000-06-29T04: 00:00	2000-06-30T04: 00:00	24	0	1	0	0
59	2000-1 7	2000-07-04T20: 00:00	2000-07-06T00: 00:00	28	0	1	0	0
60	2000-1 8	2000-07-06T04: 00:00	2000-07-07T12: 00:00	32	0	1	0	0
61	2000-1 9	2000-07-30T08: 00:00	2000-07-31T08: 00:00	24	0	1	0	0
62	2000-2 0	2000-08-02T00: 00:00	2000-08-05T04: 00:00	76	0	1	0	0
63	2000-2 1	2000-08-05T16: 00:00	2000-08-08T04: 00:00	60	0	1	0	0
64	2000-2 2	2000-08-08T08: 00:00	2000-08-09T08: 00:00	24	0	1	0	0
65	2000-2 3	2000-08-29T16: 00:00	2000-09-01T20: 00:00	76	0	1	0	0
66	2000-2 4	2000-09-20T08: 00:00	2000-09-21T12: 00:00	28	1	1	1	0
67	2000-2 5	2000-09-22T08: 00:00	2000-09-23T16: 00:00	32	0	1	0	0
68	2000-2 6	2000-09-26T04: 00:00	2000-09-28T16: 00:00	60	0	1	0	0
69	2000-2 7	2000-10-17T00: 00:00	2000-10-18T16: 00:00	40	0	1	0	0
70	2000-2 8	2000-10-18T20: 00:00	2000-10-20T00: 00:00	28	0	1	0	0
71	2000-2 9	2000-11-12T04: 00:00	2000-11-14T08: 00:00	52	0	1	0	0
72	2000-3 0	2000-11-20T12: 00:00	2000-11-21T16: 00:00	28	0	0	0	1
73	2000-3 1	2000-12-08T12: 00:00	2000-12-11T12: 00:00	72	0	1	0	0
74	2000-3 2	2000-12-17T16: 00:00	2000-12-18T20: 00:00	28	0	0	0	1
75	2000-3 3	2000-12-19T04: 00:00	2000-12-20T08: 00:00	28	0	0	0	1
				1	28	1	5	
76	2001-1 1	2001-01-14T00: 00:00	2001-01-15T00: 00:00	24	0	1	0	0
77	2001-2 1	2001-02-10T20: 00:00	2001-02-12T04: 00:00	32	0	1	0	0
78	2001-3 1	2001-02-28T20: 00:00	2001-03-02T04: 00:00	32	0	1	0	0
79	2001-4 1	2001-03-08T16: 00:00	2001-03-10T12: 00:00	44	0	1	0	0
80	2001-5 1	2001-04-09T20: 00:00	2001-04-11T04: 00:00	32	0	1	0	0
81	2001-6 1	2001-04-16T04: 00:00	2001-04-17T16: 00:00	36	0	1	0	0
82	2001-7 1	2001-04-30T20: 00:00	2001-05-02T16: 00:00	44	0	1	0	0
83	2001-8 1	2001-06-02T12: 00:00	2001-06-04T08: 00:00	44	0	1	0	0
84	2001-9 1	2001-06-04T12: 00:00	2001-06-05T12: 00:00	24	0	1	0	0
85	2001-10 1	2001-06-22T00: 00:00	2001-06-25T12: 00:00	84	0	1	0	0
86	2001-11 1	2001-07-05T00: 00:00	2001-07-06T20: 00:00	44	0	1	0	0
87	2001-12 2	2001-07-17T00: 00:00	2001-07-19T04: 00:00	52	0	1	0	0

88	2001-1 3	2001-08-29T00: 00:00	2001-08-30T04: 00:00	28	0	1	0	0
89	2001-1 4	2001-09-05T12: 00:00	2001-09-06T20: 00:00	32	0	1	0	0
90	2001-1 5	2001-09-28T04: 00:00	2001-09-29T08: 00:00	28	0	1	0	0
91	2001-1 6	2001-10-10T16: 00:00	2001-10-11T16: 00:00	24	0	1	0	0
92	2001-1 7	2001-11-07T16: 00:00	2001-11-09T12: 00:00	44	1	1	1	0
93	2001-1 8	2001-11-09T16: 00:00	2001-11-10T20: 00:00	28	0	1	0	0
94	2001-1 9	2001-11-18T16: 00:00	2001-11-19T20: 00:00	28	0	1	0	0
95	2001-2 0	2001-12-05T16: 00:00	2001-12-07T00: 00:00	32	0	1	0	0
96	2001-2 1	2001-12-07T08: 00:00	2001-12-08T08: 00:00	24	0	1	0	0
97	2001-2 2	2001-12-18T12: 00:00	2001-12-21T04: 00:00	64	0	1	0	0
98	2001-2 3	2001-12-21T16: 00:00	2001-12-23T04: 00:00	36	0	0	0	1
					1	22	1	1
99	2002-1	2002-01-01T00: 00:00	2002-01-02T00: 00:00	24	0	1	0	0
100	2002-2	2002-01-22T20: 00:00	2002-01-23T20: 00:00	24	0	1	0	0
101	2002-3	2002-01-26T00: 00:00	2002-01-29T00: 00:00	72	0	1	0	0
102	2002-4	2002-02-24T04: 00:00	2002-02-25T08: 00:00	28	0	1	0	0
103	2002-5	2002-02-27T08: 00:00	2002-02-28T08: 00:00	24	0	0	0	1
104	2002-6	2002-03-13T04: 00:00	2002-03-14T16: 00:00	36	0	1	0	0
105	2002-7	2002-04-01T04: 00:00	2002-04-02T08: 00:00	28	0	1	0	0
106	2002-8	2002-04-05T08: 00:00	2002-04-06T08: 00:00	24	0	1	0	0
107	2002-9	2002-04-22T04: 00:00	2002-04-23T04: 00:00	24	0	1	0	0
108	2002-1 0	2002-04-26T16: 00:00	2002-04-27T20: 00:00	28	0	1	0	0
109	2002-1 1	2002-04-28T00: 00:00	2002-04-29T04: 00:00	28	0	1	0	0
110	2002-1 2	2002-05-12T04: 00:00	2002-05-13T12: 00:00	32	0	1	0	0
111	2002-1 3	2002-05-14T00: 00:00	2002-05-15T00: 00:00	24	0	1	0	0
112	2002-1 4	2002-05-15T12: 00:00	2002-05-18T04: 00:00	64	0	1	0	0
113	2002-1 5	2002-05-27T20: 00:00	2002-05-29T04: 00:00	32	0	1	0	0
114	2002-1 6	2002-06-02T08: 00:00	2002-06-03T08: 00:00	24	0	1	0	0
115	2002-1 7	2002-06-10T12: 00:00	2002-06-13T12: 00:00	72	0	1	0	0
116	2002-1 8	2002-07-26T04: 00:00	2002-07-28T04: 00:00	48	0	1	0	0
117	2002-1 9	2002-07-28T08: 00:00	2002-07-29T08: 00:00	24	0	0	0	1
118	2002-2 0	2002-08-10T00: 00:00	2002-08-11T00: 00:00	24	0	1	0	0
119	2002-2 1	2002-08-11T20: 00:00	2002-08-12T20: 00:00	24	0	1	0	0
120	2002-2 2	2002-08-28T00: 00:00	2002-08-29T16: 00:00	40	0	1	0	0
121	2002-2 3	2002-09-05T16: 00:00	2002-09-07T08: 00:00	40	0	1	0	0
122	2002-2 4	2002-09-17T08: 00:00	2002-09-18T08: 00:00	24	0	1	0	0

123	2002-2 5	2002-10-07T20: 00:00	2002-10-09T12: 00:00	40	0	1	0	0
124	2002-2 6	2002-10-16T20: 00:00	2002-10-21T00: 00:00	100	0	1	0	0
125	2002-2 7	2002-10-22T12: 00:00	2002-10-23T12: 00:00	24	0	1	0	0
126	2002-2 8	2002-10-24T16: 00:00	2002-10-25T16: 00:00	24	0	1	0	0
127	2002-2 9	2002-10-25T20: 00:00	2002-10-28T08: 00:00	60	0	1	0	0
128	2002-3 0	2002-11-02T08: 00:00	2002-11-06T12: 00:00	100	0	1	0	0
129	2002-3 1	2002-11-06T16: 00:00	2002-11-08T00: 00:00	32	0	1	0	0
130	2002-3 2	2002-11-14T20: 00:00	2002-11-16T08: 00:00	36	0	0	0	1
131	2002-3 3	2002-11-22T04: 00:00	2002-11-23T12: 00:00	32	0	1	0	0
132	2002-3 4	2002-11-23T16: 00:00	2002-11-24T16: 00:00	24	0	1	0	0
133	2002-3 5	2002-11-29T04: 00:00	2002-12-06T04: 00:00	168	0	1	0	0
134	2002-3 6	2002-12-11T08: 00:00	2002-12-13T04: 00:00	44	0	0	0	1
135	2002-3 7	2002-12-14T20: 00:00	2002-12-16T16: 00:00	44	0	1	0	0
136	2002-3 8	2002-12-23T16: 00:00	2002-12-25T00: 00:00	32	0	1	0	0
137	2002-3 9	2002-12-25T08: 00:00	2002-12-26T08: 00:00	24	0	1	0	0
138	2002-4 0	2002-12-27T04: 00:00	2002-12-29T00: 00:00	44	0	1	0	0
139	2002-4 1	2002-12-30T04: 00:00	2002-12-31T12: 00:00	32	0	1	0	0
				0	37	0		4
140	2003-1	2003-01-04T16: 00:00	2003-01-06T20: 00:00	52	0	1	0	0
141	2003-2	2003-01-18T00: 00:00	2003-01-19T00: 00:00	24	0	1	0	0
142	2003-3	2003-01-19T08: 00:00	2003-01-21T00: 00:00	40	0	1	0	0
143	2003-4	2003-01-21T16: 00:00	2003-01-23T04: 00:00	36	0	1	0	0
144	2003-5	2003-01-23T12: 00:00	2003-01-25T12: 00:00	48	0	1	0	0
145	2003-6	2003-01-25T16: 00:00	2003-01-26T20: 00:00	28	0	1	0	0
146	2003-7	2003-02-06T20: 00:00	2003-02-10T00: 00:00	76	0	0	0	1
147	2003-8	2003-02-14T20: 00:00	2003-02-18T00: 00:00	76	0	1	0	0
148	2003-9	2003-02-23T20: 00:00	2003-02-24T20: 00:00	24	0	1	0	0
149	2003-1 0	2003-02-28T04: 00:00	2003-03-01T16: 00:00	36	0	1	0	0
150	2003-1 1	2003-03-04T04: 00:00	2003-03-05T12: 00:00	32	0	1	0	0
151	2003-1 2	2003-03-06T12: 00:00	2003-03-08T00: 00:00	36	0	1	0	0
152	2003-1 3	2003-03-08T04: 00:00	2003-03-09T16: 00:00	36	0	1	0	0
153	2003-1 4	2003-03-09T20: 00:00	2003-03-11T12: 00:00	40	0	0	0	1
154	2003-1 5	2003-03-13T16: 00:00	2003-03-15T20: 00:00	52	0	1	0	0
155	2003-1 6	2003-03-16T04: 00:00	2003-03-19T08: 00:00	76	0	1	0	0
156	2003-1 7	2003-03-21T00: 00:00	2003-03-23T20: 00:00	68	0	1	0	0
157	2003-1 8	2003-03-27T08: 00:00	2003-03-28T16: 00:00	32	0	1	0	0

158	2003-1 9	2003-04-01T08: 00:00	2003-04-05T20: 00:00	108	0	1	0	0
159	2003-2 0	2003-04-08T12: 00:00	2003-04-09T16: 00:00	28	0	1	0	0
160	2003-2 1	2003-04-10T12: 00:00	2003-04-12T00: 00:00	36	0	1	0	0
161	2003-2 2	2003-04-12T04: 00:00	2003-04-14T04: 00:00	48	0	1	0	0
162	2003-2 3	2003-04-15T20: 00:00	2003-04-17T16: 00:00	44	0	1	0	0
163	2003-2 4	2003-04-19T00: 00:00	2003-04-20T00: 00:00	24	0	1	0	0
164	2003-2 5	2003-04-23T08: 00:00	2003-04-24T12: 00:00	28	0	1	0	0
165	2003-2 6	2003-04-24T16: 00:00	2003-04-25T20: 00:00	28	0	1	0	0
166	2003-2 7	2003-04-26T00: 00:00	2003-04-27T12: 00:00	36	0	1	0	0
167	2003-2 8	2003-04-30T20: 00:00	2003-05-02T16: 00:00	44	0	1	0	0
168	2003-2 9	2003-05-07T20: 00:00	2003-05-09T00: 00:00	28	0	1	0	0
169	2003-3 0	2003-05-11T20: 00:00	2003-05-16T08: 00:00	108	0	1	0	0
170	2003-3 1	2003-05-22T20: 00:00	2003-05-25T00: 00:00	52	0	1	0	0
171	2003-3 2	2003-05-25T16: 00:00	2003-05-27T00: 00:00	32	0	1	0	0
172	2003-3 3	2003-05-28T04: 00:00	2003-05-29T08: 00:00	28	0	1	0	0
173	2003-3 4	2003-05-31T16: 00:00	2003-06-04T16: 00:00	96	1	1	1	0
174	2003-3 5	2003-06-05T00: 00:00	2003-06-08T04: 00:00	76	0	1	0	0
175	2003-3 6	2003-06-08T16: 00:00	2003-06-10T00: 00:00	32	0	1	0	0
176	2003-3 7	2003-06-10T04: 00:00	2003-06-11T16: 00:00	36	0	1	0	0
177	2003-3 8	2003-06-21T12: 00:00	2003-06-23T16: 00:00	52	0	1	0	0
178	2003-3 9	2003-06-24T00: 00:00	2003-06-26T04: 00:00	52	0	1	0	0
179	2003-4 0	2003-06-28T08: 00:00	2003-07-02T16: 00:00	104	0	1	0	0
180	2003-4 1	2003-07-04T00: 00:00	2003-07-05T16: 00:00	40	0	1	0	0
181	2003-4 2	2003-07-12T16: 00:00	2003-07-14T00: 00:00	32	0	1	0	0
182	2003-4 3	2003-07-18T08: 00:00	2003-07-21T16: 00:00	80	0	1	0	0
183	2003-4 4	2003-07-28T16: 00:00	2003-07-29T20: 00:00	28	0	1	0	0
184	2003-4 5	2003-07-30T00: 00:00	2003-08-03T12: 00:00	108	0	1	0	0
185	2003-4 6	2003-08-08T08: 00:00	2003-08-10T08: 00:00	48	0	1	0	0
186	2003-4 7	2003-08-11T12: 00:00	2003-08-12T16: 00:00	28	0	1	0	0
187	2003-4 8	2003-08-13T08: 00:00	2003-08-15T12: 00:00	52	0	1	0	0
188	2003-4 9	2003-08-21T04: 00:00	2003-08-23T16: 00:00	60	0	1	0	0
189	2003-5 0	2003-08-23T20: 00:00	2003-08-25T16: 00:00	44	0	1	0	0
190	2003-5 1	2003-09-02T12: 00:00	2003-09-03T20: 00:00	32	0	1	0	0
191	2003-5 2	2003-09-04T12: 00:00	2003-09-05T20: 00:00	32	0	1	0	0
192	2003-5 3	2003-09-06T00: 00:00	2003-09-07T00: 00:00	24	0	1	0	0
193	2003-5 4	2003-09-10T04: 00:00	2003-09-12T08: 00:00	52	0	1	0	0

194	2003-5 5	2003-09-17T16: 00:00	2003-09-19T20: 00:00	52	0	1	0	0
195	2003-5 6	2003-09-21T12: 00:00	2003-09-22T12: 00:00	24	0	1	0	0
196	2003-5 7	2003-09-22T16: 00:00	2003-09-24T00: 00:00	32	0	1	0	0
197	2003-5 8	2003-10-03T08: 00:00	2003-10-04T12: 00:00	28	0	1	0	0
198	2003-5 9	2003-10-07T16: 00:00	2003-10-09T12: 00:00	44	0	1	0	0
199	2003-6 0	2003-10-10T00: 00:00	2003-10-11T04: 00:00	28	0	1	0	0
200	2003-6 1	2003-10-15T16: 00:00	2003-10-18T20: 00:00	76	0	1	0	0
201	2003-6 2	2003-11-09T00: 00:00	2003-11-10T08: 00:00	32	0	1	0	0
202	2003-6 3	2003-11-11T08: 00:00	2003-11-15T12: 00:00	100	0	1	0	0
203	2003-6 4	2003-11-16T12: 00:00	2003-11-18T20: 00:00	56	0	1	0	0
204	2003-6 5	2003-11-23T08: 00:00	2003-11-24T16: 00:00	32	0	0	0	1
205	2003-6 6	2003-11-24T20: 00:00	2003-11-27T00: 00:00	52	0	1	0	0
206	2003-6 7	2003-11-27T04: 00:00	2003-11-28T16: 00:00	36	0	1	0	0
207	2003-6 8	2003-12-09T08: 00:00	2003-12-15T00: 00:00	136	0	1	0	0
208	2003-6 9	2003-12-20T20: 00:00	2003-12-23T00: 00:00	52	0	1	0	0
209	2003-7 0	2003-12-27T12: 00:00	2003-12-29T16: 00:00	52	0	1	0	0
				1	67	1		3
210	2004-1	2004-01-03T08: 00:00	2004-01-06T16: 00:00	80	0	1	0	0
211	2004-2	2004-01-07T04: 00:00	2004-01-08T20: 00:00	40	0	1	0	0
212	2004-3	2004-01-15T12: 00:00	2004-01-22T00: 00:00	156	0	1	0	0
213	2004-4	2004-01-25T08: 00:00	2004-01-26T20: 00:00	36	0	1	0	0
214	2004-5	2004-01-31T08: 00:00	2004-02-05T20: 00:00	132	0	1	0	0
215	2004-6	2004-02-12T04: 00:00	2004-02-15T00: 00:00	68	0	1	0	0
216	2004-7	2004-02-29T04: 00:00	2004-03-03T16: 00:00	84	0	1	0	0
217	2004-8	2004-03-12T04: 00:00	2004-03-15T04: 00:00	72	0	1	0	0
218	2004-9	2004-03-21T16: 00:00	2004-03-23T04: 00:00	36	0	1	0	0
219	2004-1 0	2004-03-27T20: 00:00	2004-03-31T04: 00:00	80	0	1	0	0
220	2004-1 1	2004-04-01T04: 00:00	2004-04-02T12: 00:00	32	0	1	0	0
221	2004-1 2	2004-04-09T04: 00:00	2004-04-10T16: 00:00	36	0	1	0	0
222	2004-1 3	2004-04-22T04: 00:00	2004-04-23T12: 00:00	32	0	1	0	0
223	2004-1 4	2004-04-23T20: 00:00	2004-04-24T20: 00:00	24	0	1	0	0
224	2004-1 5	2004-04-29T12: 00:00	2004-05-01T00: 00:00	36	0	1	0	0
225	2004-1 6	2004-05-06T12: 00:00	2004-05-08T12: 00:00	48	0	1	0	0
226	2004-1 7	2004-05-08T16: 00:00	2004-05-09T16: 00:00	24	0	1	0	0
227	2004-1 8	2004-05-22T20: 00:00	2004-05-24T12: 00:00	40	0	1	0	0
228	2004-1 9	2004-05-24T16: 00:00	2004-05-25T20: 00:00	28	0	1	0	0

229	2004-2 0	2004-05-31T20: 00:00	2004-06-04T04: 00:00	80	0	1	0	0
230	2004-2 1	2004-06-04T08: 00:00	2004-06-07T04: 00:00	68	0	1	0	0
231	2004-2 2	2004-06-07T08: 00:00	2004-06-09T08: 00:00	48	0	1	0	0
232	2004-2 3	2004-06-15T12: 00:00	2004-06-17T04: 00:00	40	0	1	0	0
233	2004-2 4	2004-06-17T08: 00:00	2004-06-18T12: 00:00	28	0	1	0	0
234	2004-2 5	2004-06-29T08: 00:00	2004-06-30T12: 00:00	28	0	1	0	0
235	2004-2 6	2004-06-30T16: 00:00	2004-07-03T00: 00:00	56	0	1	0	0
236	2004-2 7	2004-07-12T16: 00:00	2004-07-13T16: 00:00	24	0	1	0	0
237	2004-2 8	2004-07-19T20: 00:00	2004-07-21T04: 00:00	32	0	1	0	0
238	2004-2 9	2004-07-28T08: 00:00	2004-07-31T00: 00:00	64	0	1	0	0
239	2004-3 0	2004-07-31T04: 00:00	2004-08-01T20: 00:00	40	1	0	0	0
240	2004-3 1	2004-08-21T20: 00:00	2004-08-22T20: 00:00	24	0	1	0	0
241	2004-3 2	2004-08-27T16: 00:00	2004-08-29T04: 00:00	36	0	1	0	0
242	2004-3 3	2004-09-06T04: 00:00	2004-09-07T04: 00:00	24	0	1	0	0
243	2004-3 4	2004-09-15T08: 00:00	2004-09-17T00: 00:00	40	1	1	1	0
244	2004-3 5	2004-09-22T00: 00:00	2004-09-24T04: 00:00	52	0	1	0	0
245	2004-3 6	2004-09-29T04: 00:00	2004-09-30T04: 00:00	24	0	0	0	1
246	2004-3 7	2004-10-04T08: 00:00	2004-10-05T12: 00:00	28	0	0	0	1
247	2004-3 8	2004-10-08T16: 00:00	2004-10-09T20: 00:00	28	0	1	0	0
248	2004-3 9	2004-12-06T20: 00:00	2004-12-08T04: 00:00	32	0	1	0	0
249	2004-4 0	2004-12-14T04: 00:00	2004-12-16T00: 00:00	44	0	1	0	0
250	2004-4 1	2004-12-17T08: 00:00	2004-12-18T12: 00:00	28	0	1	0	0
251	2004-4 2	2004-12-25T20: 00:00	2004-12-26T20: 00:00	24	0	1	0	0
				2	39	1		2
252	2005-1	2005-01-03T20: 00:00	2005-01-05T00: 00:00	28	0	1	0	0
253	2005-2	2005-01-12T08: 00:00	2005-01-13T08: 00:00	24	0	1	0	0
254	2005-3	2005-01-22T16: 00:00	2005-01-24T04: 00:00	36	0	1	0	0
255	2005-4	2005-01-29T20: 00:00	2005-01-30T20: 00:00	24	0	1	0	0
256	2005-5	2005-01-31T16: 00:00	2005-02-01T16: 00:00	24	1	1	1	0
257	2005-6	2005-02-01T20: 00:00	2005-02-02T20: 00:00	24	1	0	0	0
258	2005-7	2005-02-09T08: 00:00	2005-02-11T04: 00:00	44	0	1	0	0
259	2005-8	2005-02-24T20: 00:00	2005-02-26T20: 00:00	48	0	1	0	0
260	2005-9	2005-02-27T00: 00:00	2005-02-28T16: 00:00	40	0	1	0	0
261	2005-1 0	2005-03-01T04: 00:00	2005-03-03T04: 00:00	48	0	1	0	0
262	2005-1 1	2005-03-08T12: 00:00	2005-03-09T12: 00:00	24	0	1	0	0
263	2005-1 2	2005-03-27T00: 00:00	2005-03-28T08: 00:00	32	0	1	0	0

264	2005-1 3	2005-04-05T08: 00:00	2005-04-06T08: 00:00	24	0	1	0	0
265	2005-1 4	2005-04-13T16: 00:00	2005-04-15T12: 00:00	44	0	1	0	0
266	2005-1 5	2005-04-18T00: 00:00	2005-04-19T08: 00:00	32	0	1	0	0
267	2005-1 6	2005-06-30T00: 00:00	2005-07-01T08: 00:00	32	0	0	0	1
268	2005-1 7	2005-07-21T08: 00:00	2005-07-22T08: 00:00	24	0	1	0	0
269	2005-1 8	2005-09-17T08: 00:00	2005-09-18T20: 00:00	36	0	1	0	0
270	2005-1 9	2005-09-19T00: 00:00	2005-09-20T20: 00:00	44	0	1	0	0
					2	17	1	1
271	2006-1	2006-01-06T16: 00:00	2006-01-08T12: 00:00	44	0	0	0	1
272	2006-2	2006-04-23T00: 00:00	2006-04-24T00: 00:00	24	0	1	0	0
273	2006-3	2006-05-20T08: 00:00	2006-05-21T16: 00:00	32	0	1	0	0
274	2006-4	2006-06-08T04: 00:00	2006-06-09T12: 00:00	32	0	1	0	0
275	2006-5	2006-08-28T04: 00:00	2006-08-29T08: 00:00	28	0	1	0	0
276	2006-6	2006-09-25T12: 00:00	2006-09-26T16: 00:00	28	0	1	0	0
277	2006-7	2006-10-14T00: 00:00	2006-10-15T12: 00:00	36	0	1	0	0
278	2006-8	2006-10-22T00: 00:00	2006-10-23T00: 00:00	24	0	1	0	0
279	2006-9	2006-12-12T00: 00:00	2006-12-13T00: 00:00	24	0	1	0	0
280	2006-1 0	2006-12-23T00: 00:00	2006-12-24T04: 00:00	28	0	1	0	0
					0	9	0	1
281	2007-1	2007-01-17T20: 00:00	2007-01-19T04: 00:00	32	0	1	0	0
282	2007-2	2007-02-07T04: 00:00	2007-02-09T08: 00:00	52	0	1	0	0
283	2007-3	2007-03-13T00: 00:00	2007-03-14T04: 00:00	28	0	1	0	0
284	2007-4	2007-03-15T08: 00:00	2007-03-16T08: 00:00	24	0	1	0	0
285	2007-5	2007-04-27T20: 00:00	2007-04-28T20: 00:00	24	0	1	0	0
286	2007-6	2007-05-25T04: 00:00	2007-05-26T04: 00:00	24	0	0	0	1
287	2007-7	2007-09-23T08: 00:00	2007-09-24T08: 00:00	24	0	1	0	0
					0	6	0	1
288	2008-1	2008-01-07T20: 00:00	2008-01-09T08: 00:00	36	0	1	0	0
289	2008-2	2008-02-02T16: 00:00	2008-02-04T04: 00:00	36	0	1	0	0
290	2008-3	2008-02-13T20: 00:00	2008-02-14T20: 00:00	24	0	1	0	0
291	2008-4	2008-02-15T12: 00:00	2008-02-16T20: 00:00	32	0	1	0	0
292	2008-5	2008-02-29T04: 00:00	2008-03-03T08: 00:00	76	0	1	0	0
293	2008-6	2008-03-14T20: 00:00	2008-03-16T04: 00:00	32	0	1	0	0
294	2008-7	2008-03-27T00: 00:00	2008-03-28T16: 00:00	40	0	1	0	0
295	2008-8	2008-06-17T16: 00:00	2008-06-18T16: 00:00	24	0	1	0	0
296	2008-9	2008-09-07T08: 00:00	2008-09-08T08: 00:00	24	0	1	0	0
297	2008-1 0	2008-09-08T12: 00:00	2008-09-09T12: 00:00	24	0	1	0	0

298	2008-1 1	2008-10-03T00: 00:00	2008-10-04T04: 00:00	28	0	1	0	0
					0	11	0	0
299	2009-1	2009-03-25T20: 00:00	2009-03-26T20: 00:00	24	0	1	0	0
300	2009-2	2009-07-01T08: 00:00	2009-07-02T08: 00:00	24	0	1	0	0
301	2009-3	2009-08-20T20: 00:00	2009-08-22T04: 00:00	32	0	1	0	0
					0	3	0	0
302	2010-1	2010-04-04T04: 00:00	2010-04-05T04: 00:00	24	0	1	0	0
303	2010-2	2010-04-07T20: 00:00	2010-04-08T20: 00:00	24	0	1	0	0
304	2010-3	2010-06-01T20: 00:00	2010-06-02T20: 00:00	24	0	1	0	0
305	2010-4	2010-07-29T00: 00:00	2010-07-30T04: 00:00	28	0	1	0	0
306	2010-5	2010-10-25T12: 00:00	2010-10-26T16: 00:00	28	0	1	0	0
307	2010-6	2010-11-23T08: 00:00	2010-11-24T08: 00:00	24	0	1	0	0
308	2010-7	2010-12-15T20: 00:00	2010-12-16T20: 00:00	24	0	1	0	0
					0	7	0	0
309	2011-1	2011-07-05T00: 00:00	2011-07-06T00: 00:00	24	0	0	0	1
310	2011-2	2011-07-19T20: 00:00	2011-07-21T00: 00:00	28	0	1	0	0
311	2011-3	2011-10-20T04: 00:00	2011-10-21T08: 00:00	28	0	0	0	1
					0	1	0	2
312	2012-1	2012-07-18T20: 00:00	2012-07-19T20: 00:00	24	0	1	0	0
313	2012-2	2012-10-06T04: 00:00	2012-10-07T04: 00:00	24	0	0	0	1
					0	1	0	1
314	2013-1	2013-06-02T04: 00:00	2013-06-03T04: 00:00	24	0	1	0	0
315	2013-2	2013-06-03T08: 00:00	2013-06-04T12: 00:00	28	0	1	0	0
316	2013-3	2013-06-22T20: 00:00	2013-06-23T20: 00:00	24	0	1	0	0
317	2013-4	2013-11-18T12: 00:00	2013-11-19T16: 00:00	28	0	1	0	0
318	2013-5	2013-11-19T20: 00:00	2013-11-21T16: 00:00	44	0	1	0	0
319	2013-6	2013-12-16T16: 00:00	2013-12-18T00: 00:00	32	0	1	0	0
					0	6	0	0
320	2014-1	2014-04-01T20: 00:00	2014-04-03T04: 00:00	32	0	0	0	1
321	2014-2	2014-04-23T00: 00:00	2014-04-24T04: 00:00	28	0	1	0	0
322	2014-3	2014-04-26T04: 00:00	2014-04-27T04: 00:00	24	0	1	0	0
323	2014-4	2014-05-14T08: 00:00	2014-05-15T20: 00:00	36	0	0	0	1
324	2014-5	2014-05-24T04: 00:00	2014-05-25T08: 00:00	28	0	0	0	1
325	2014-6	2014-08-03T20: 00:00	2014-08-05T12: 00:00	40	0	1	0	0
326	2014-7	2014-08-30T20: 00:00	2014-08-31T20: 00:00	24	0	1	0	0
327	2014-8	2014-09-01T04: 00:00	2014-09-02T12: 00:00	32	0	1	0	0
328	2014-9	2014-09-24T20: 00:00	2014-09-25T20: 00:00	24	0	0	0	1

329	2014-1 0	2014-10-16T20: 00:00	2014-10-18T00: 00:00	28	0	1	0	0
330	2014-1 1	2014-10-21T12: 00:00	2014-10-22T12: 00:00	24	0	1	0	0
331	2014-1 2	2014-10-22T16: 00:00	2014-10-24T00: 00:00	32	0	1	0	0
332	2014-1 3	2014-10-24T04: 00:00	2014-10-25T04: 00:00	24	0	1	0	0
333	2014-1 4	2014-10-27T12: 00:00	2014-10-28T16: 00:00	28	0	0	0	1
334	2014-1 5	2014-10-28T20: 00:00	2014-10-30T00: 00:00	28	0	0	0	1
335	2014-1 6	2014-11-18T16: 00:00	2014-11-20T00: 00:00	32	0	1	0	0
336	2014-1 7	2014-11-20T04: 00:00	2014-11-22T04: 00:00	48	0	0	0	1
337	2014-1 8	2014-11-28T04: 00:00	2014-11-30T04: 00:00	48	0	0	0	1
338	2014-1 9	2014-12-12T08: 00:00	2014-12-13T20: 00:00	36	0	0	0	1
339	2014-2 0	2014-12-14T12: 00:00	2014-12-15T20: 00:00	32	0	0	0	1
340	2014-2 1	2014-12-16T08: 00:00	2014-12-19T12: 00:00	76	0	0	0	1
341	2014-2 2	2014-12-24T16: 00:00	2014-12-26T08: 00:00	40	0	1	0	0
				0	11	0		11
342	2015-1	2015-04-03T12: 00:00	2015-04-04T16: 00:00	28	0	1	0	0
343	2015-2	2015-05-29T00: 00:00	2015-06-01T00: 00:00	72	0	1	0	0
344	2015-3	2015-08-21T04: 00:00	2015-08-22T04: 00:00	24	0	1	0	0
345	2015-4	2015-08-24T04: 00:00	2015-08-25T04: 00:00	24	0	1	0	0
346	2015-5	2015-09-05T08: 00:00	2015-09-06T12: 00:00	28	0	1	0	0
347	2015-6	2015-10-23T08: 00:00	2015-10-24T08: 00:00	24	0	1	0	0
348	2015-7	2015-11-10T00: 00:00	2015-11-11T04: 00:00	28	0	1	0	0
				0	7	0		0
349	2016-1	2016-01-13T08: 00:00	2016-01-15T08: 00:00	48	0	1	0	0
350	2016-2	2016-09-29T16: 00:00	2016-09-30T16: 00:00	24	0	1	0	0
351	2016-3	2016-10-16T08: 00:00	2016-10-17T16: 00:00	32	0	1	0	0
352	2016-4	2016-10-27T04: 00:00	2016-10-28T04: 00:00	24	0	1	0	0
353	2016-5	2016-10-30T04: 00:00	2016-10-31T04: 00:00	24	0	1	0	0
				0	5	0		0
354	2017-1	2017-03-02T00: 00:00	2017-03-03T04: 00:00	28	0	0	0	0
355	2017-2	2017-03-06T20: 00:00	2017-03-08T16: 00:00	44	0	0	0	0
356	2017-3	2017-03-29T20: 00:00	2017-03-30T20: 00:00	24	0	0	0	0
357	2017-4	2017-04-22T12: 00:00	2017-04-23T16: 00:00	28	0	0	0	0
358	2017-5	2017-04-26T00: 00:00	2017-04-27T00: 00:00	24	0	0	0	0
359	2017-6	2017-08-05T08: 00:00	2017-08-06T12: 00:00	28	0	0	0	0
360	2017-7	2017-09-14T20: 00:00	2017-09-16T12: 00:00	40	0	0	0	0
361	2017-8	2017-09-28T04: 00:00	2017-09-29T04: 00:00	24	0	0	0	0
362	2017-9	2017-10-06T04: 00:00	2017-10-07T04: 00:00	24	0	0	0	0

363	2017-1 0	2017-10-13T16: 00:00	2017-10-15T00: 00:00	32	0	0	0	0
					0	0	0	0
364	2019-1	2019-08-31T04: 00:00	2019-09-01T04: 00:00	24	0	0	0	0
					0	0	0	0
365	2022-1	2022-02-05T12: 00:00	2022-02-06T12: 00:00	24	0	0	0	0
366	2022-2	2022-04-21T16: 00:00	2022-04-23T08: 00:00	40	0	0	0	0
367	2022-3	2022-05-20T00: 00:00	2022-05-21T00: 00:00	24	0	0	0	0
368	2022-4	2022-05-21T16: 00:00	2022-05-22T16: 00:00	24	0	0	0	0
369	2022-5	2022-06-15T20: 00:00	2022-06-17T04: 00:00	32	0	0	0	0
370	2022-6	2022-08-18T12: 00:00	2022-08-19T12: 00:00	24	0	0	0	0
371	2022-7	2022-09-05T16: 00:00	2022-09-07T12: 00:00	44	0	0	0	0
					0	0	0	0
372	2023-1	2023-01-24T00: 00:00	2023-01-26T04: 00:00	52	0	0	0	0
373	2023-2	2023-01-27T00: 00:00	2023-01-29T00: 00:00	48	0	0	0	0
374	2023-3	2023-06-28T04: 00:00	2023-06-29T04: 00:00	24	0	0	0	0
375	2023-4	2023-10-01T04: 00:00	2023-10-02T04: 00:00	24	0	0	0	0
376	2023-5	2023-11-22T04: 00:00	2023-11-23T12: 00:00	32	0	0	0	0
377	2023-6	2023-12-26T00: 00:00	2023-12-27T04: 00:00	28	0	0	0	0
					0	0	0	0