

Наблюдения 285 переменных звезд в направлении
галактического ядра

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В статье даны наблюдения 285 переменных звезд, результаты исследования которых опубликованы в ПЗ 10, № 6.

Observations of 285 Variable Stars towards Galactic Nucleus

Observations of 285 variable stars are given in this article. Results of investigations of these stars are published in VS 10, N 6.

В бюллетене «Переменные звезды», т. 10, № 6 опубликованы результаты исследования 285 переменных звезд на пластинках с центром $18^{\text{h}}00^{\text{m}} - 30^{\circ}.2$ (1900), полученных В. Бааде на 100" рефракторе обсерваторий Маунт Вилсон и Паломар.

В настоящем номере приведены наблюдения этих звезд. К юлианским дням придана гелиоцентрическая поправка. Точка около значения степени означает $1/2$ степени. На рис. 9—16 даны карты окрестностей переменных. Блеск звезд сравнения в градусах приведен в таблице 1.

															Т а б л и ц а 1				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
<i>a</i>	15	19	20	16	20	16	—	14	25	—	15	12	15	15	—	—	—	—	
<i>b</i>	6	10	10	10	12	12	6	6	15	8	5	6	9	10	10	12	15	5	
<i>c</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>d</i>	—	см. № 19	—	—	—4	—	—6	—	—10	—	—	—	—	—	—	—	—6	—	
	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
<i>a'</i>	—	—	—	—	—	—	—	—	—	—	25	—	—	—	—	—	—	—	
<i>a</i>	—	40	—	—	15	20	14	—	20	—	15	—	см. № 22	15	—	18	12	—	
<i>b</i>	12	20	10	8	10	14	6	10	8	10	5	8	—	7	12	10	8	8	
<i>c</i>	7	12	0	0	0	0	0	0	0	0	0	0	—	0	0	0	0	0	
<i>d</i>	0	0	—	—4	—	—	—10	—	—	—5	—6	—	см. № 22	—	—	—	—	—	
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
<i>a</i>	10	13	—	17	—	—	10	133	14	20	—	—	—	—	12	30	20	30	
<i>b</i>	8	4	10	7	10	10	5	13	10	15	8	10	12	—	4	8	10	23	
<i>c</i>	0	0	0	0	0	0	0	0	0	10	0	0	0	—	0	0	0	15	
<i>d</i>	—	—	—	—	—	—	—3	см. № 133	—	0*	—	—	—	см. № 46	—	—	—	0	
* См. № 50, d.																			
	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	
<i>a'</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	30	—	—	—	—	
<i>a</i>	8	12	35	12	15	—	—	35	16	—	30	—	—	15*	15	15	—	15	
<i>b</i>	3	7	31	4	8	—	—	15	8	12	20	8	6	—	5	8	8	7	
<i>c</i>	0	0	15	0	0	—	—	0	0	0	10	0	0	—	0	0	0	0	
<i>d</i>	—	—	5	—	—	—	—	—	—	—	0	—6	—	—	—	—	—	—	
<i>e</i>	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>f</i>	—	—	—12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
* См. № 14, a.																			
	73	74	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90		
<i>a</i>	26	—	—	—	—	—	—	—	15	—	—	—	—	—	30	15	—		
<i>b</i>	20	12	7	12	13	—	12	0	6	10	12	5	10	8	12	10	9		
<i>c</i>	10	0	5	0	9	—	0	—10	0	0	0	0	0	0	0	0	0		
<i>d</i>	0	—	0	—	—	—	—7	—	—	—8	—	—	—	—	—2	—	—		

	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107
<i>a</i>	20	90	22	22	13	25	12	—	12	20	20	22	—	—	20	8	10
<i>b</i>	10	12	12	12	8	10	8	8	6	10	10	10	12	10	12	0	6
<i>c</i>	0	0	0	0	0	4	0	0	0	0	0	0	6	0	0	—7	0
<i>d</i>	—	—	—	—	—	0	—	—	—	—	—	—	0	—	—	—15	—
	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
<i>a</i>	—	—	30	—	12	—	—	—	—	—	—	—	—	30	—	25	15
<i>b</i>	10	10	12	6	4	10	8	10	8	15	10	10	8	20	10	15	9
<i>c</i>	0	0	4	0	0	0	0	0	0	0	0	0	0	10	0	8	0
<i>d</i>	—4	—	0	—	—	—	—8	—	—	—	—	—	—	0	—	0	—
<i>e</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—15	—	—	—
	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
<i>a</i>	10	16	24	—	—	17	22	—	—	—	15	10	10	217	30	20	15
<i>b</i>	8	8	6	10	12	10	6	10	10	7	3	7	7	20	12	8	6
<i>c</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>d</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—5
	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161
<i>a</i>	—	15	—	8	—	—	—	12	20	14	—	—	14	—	—	14	143
<i>b</i>	10	8	8	0	—	—	—	7	13	4	4*	15	8	8	10	6	—
<i>c</i>	0	0	0	—5	—	—	—	0	0	0	0	0	0	0	0	—3	—
<i>d</i>	—	—	—	—13	—	—	—	—6	—	—	—12	—7	—	—	—	—	—

* CM. № 132, b.

	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
<i>a</i>	—	15	15	—	15	20	—	18	10	14	—	—	20	15	—	—	30	—
<i>b</i>	10	7	8	8	6	6	8	12	5	12	10	15	10	6	8	12	6	12*
<i>c</i>	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0
<i>d</i>	—	—	—	—	—	—	—3	0	—12	—	—	—15	—	—	—	—	—	—

* CM. № 20, b.

	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198a
<i>a</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	15	—	—	—	14
<i>b</i>	8	—	10	10	10	10	6	10	10	6	15	8	10	5	8	10	10	4
<i>c</i>	0	—	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0
<i>d</i>	—	—	—	—	—	—	—	—	—	—	0	—	—4	—	—	—	—	—5
	198b	199	200	201	202	203	204	205	206	207	208	209	210	211a	211b	212a	212b	214
<i>a</i>	—	—	—	18	—	—	—	—	12	—	—	—	—	—	11	—	—	7
<i>b</i>	15	10	10	12	12	15	8	8	5	5	8	10	10	12	4	6	5	2
<i>c</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	215	216	217	218	219	220	221		223	224	225	226	227	228	229	230	231	232
<i>a</i>	6	15	20	20	—	0	—		—	—	35	—	—	—	—	—	—	—
<i>b</i>	0	6	12	10	7	5	5		6	10	5	12	10	10	8	6	5	10
<i>c</i>	—6	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
<i>d</i>	—14	—	—	—	—3	—	—		—12	—	—	—2	—	—	—	—	—	—
	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250
<i>a</i>	15	—	10	20	—	—	—	—	12	14	13	20	—	—	15	25	—	—
<i>b</i>	9	8	4	12	7	10	5	10	6	9	7	8	12	7	5	8	6	6
<i>c</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>d</i>	—	—	—	—	—	—	—2	—	—	—	—	—	—	—	—	—	—	—10
	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	
<i>a</i>	—	15	—	10	—	—	—	8	—	—	—	—	—	16	—	—	10	10
<i>b</i>	10	7	3	4	5	—	5	4	6	8	10	15	8	9	5	4	8	
<i>c</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>d</i>	—4	—	—8	—	—	—3	—	—	—6	—8	—	—	—	—	—	—	—	—9
	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	
<i>a</i>	11	—	—	24	20	25	15	—	—	—	—	—	12	—	10	5	13	
<i>b</i>	5	14	8	12	6	16	6	10	10	12	12	0	7	10	5	0	8	
<i>c</i>	0	4	0	0	0	7	0	0	0	0	0	—7	0	0	0	—8	0	
<i>d</i>	—9	0	—8	—	—	0	—	—	—	—	—	—	—	—	—7	—	—	

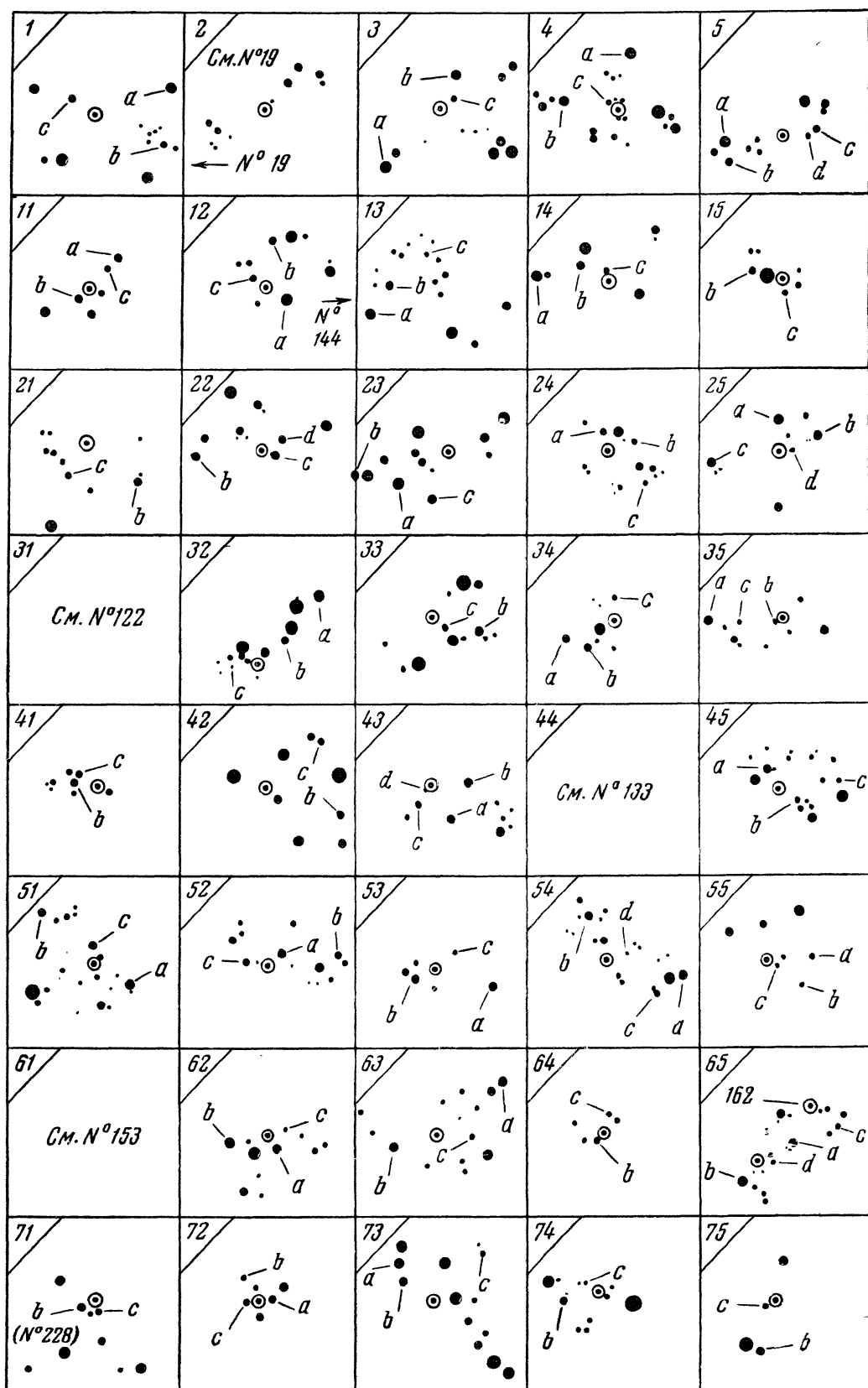


Рис. 9

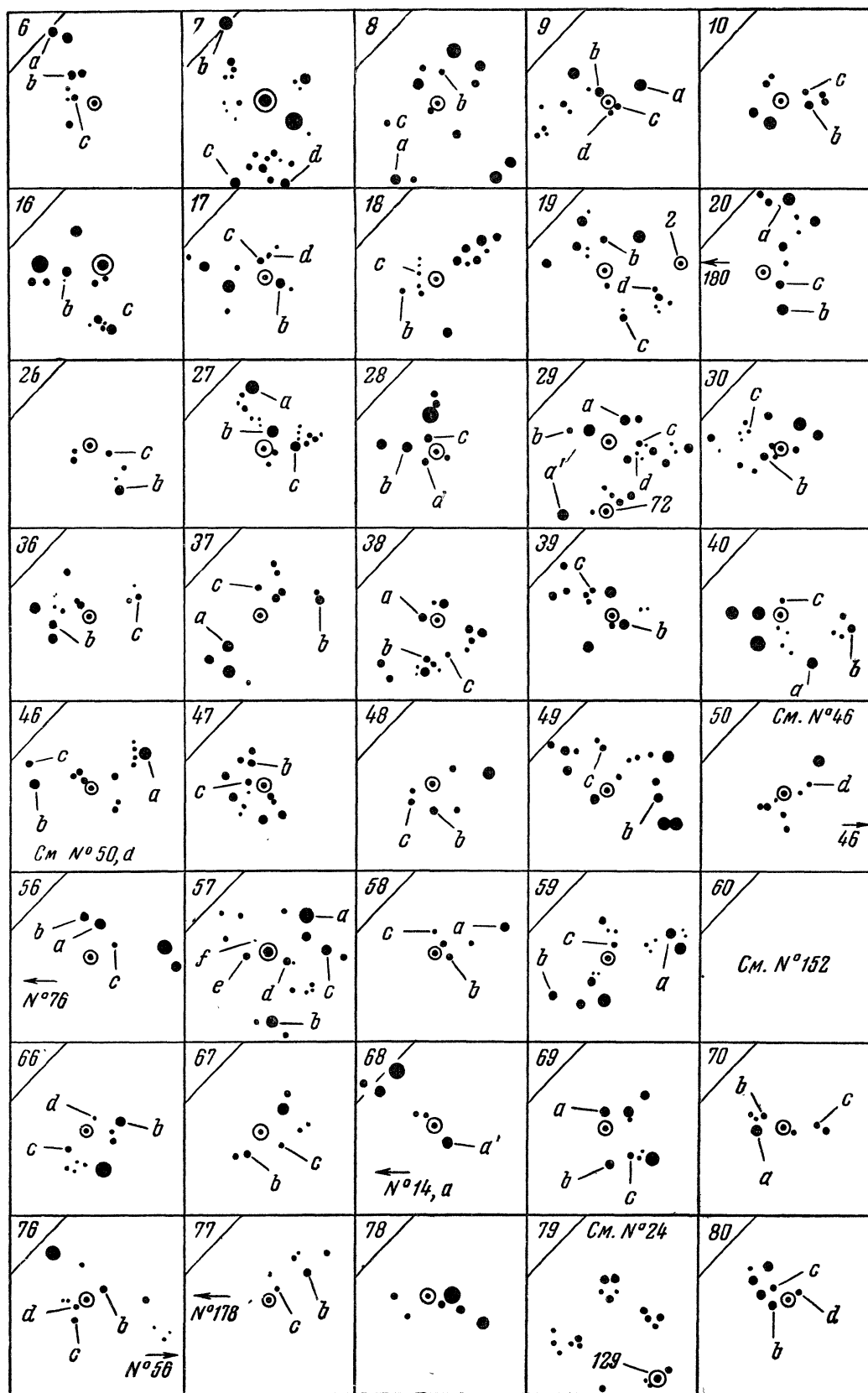


Рис. 10

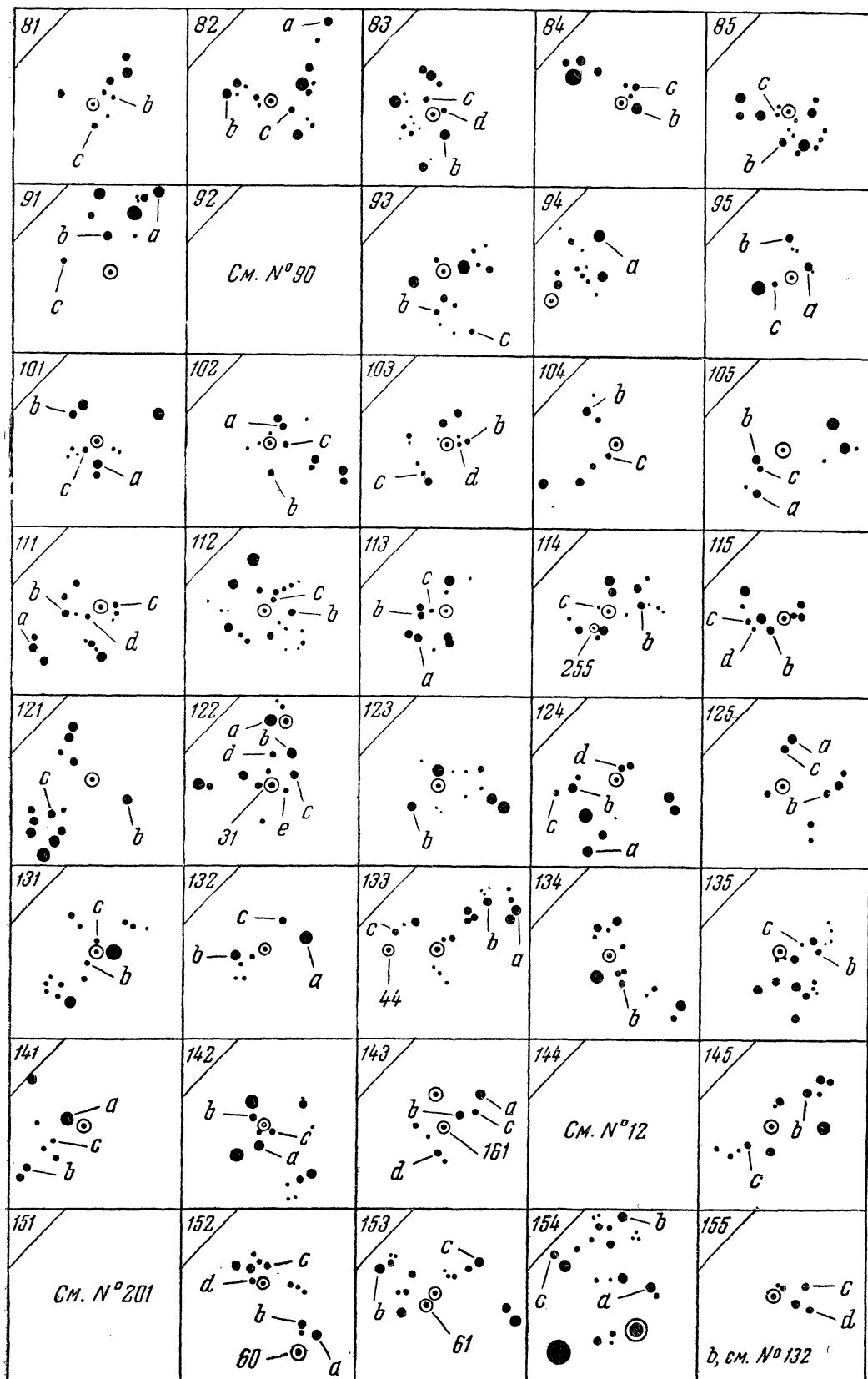


Рис. 11

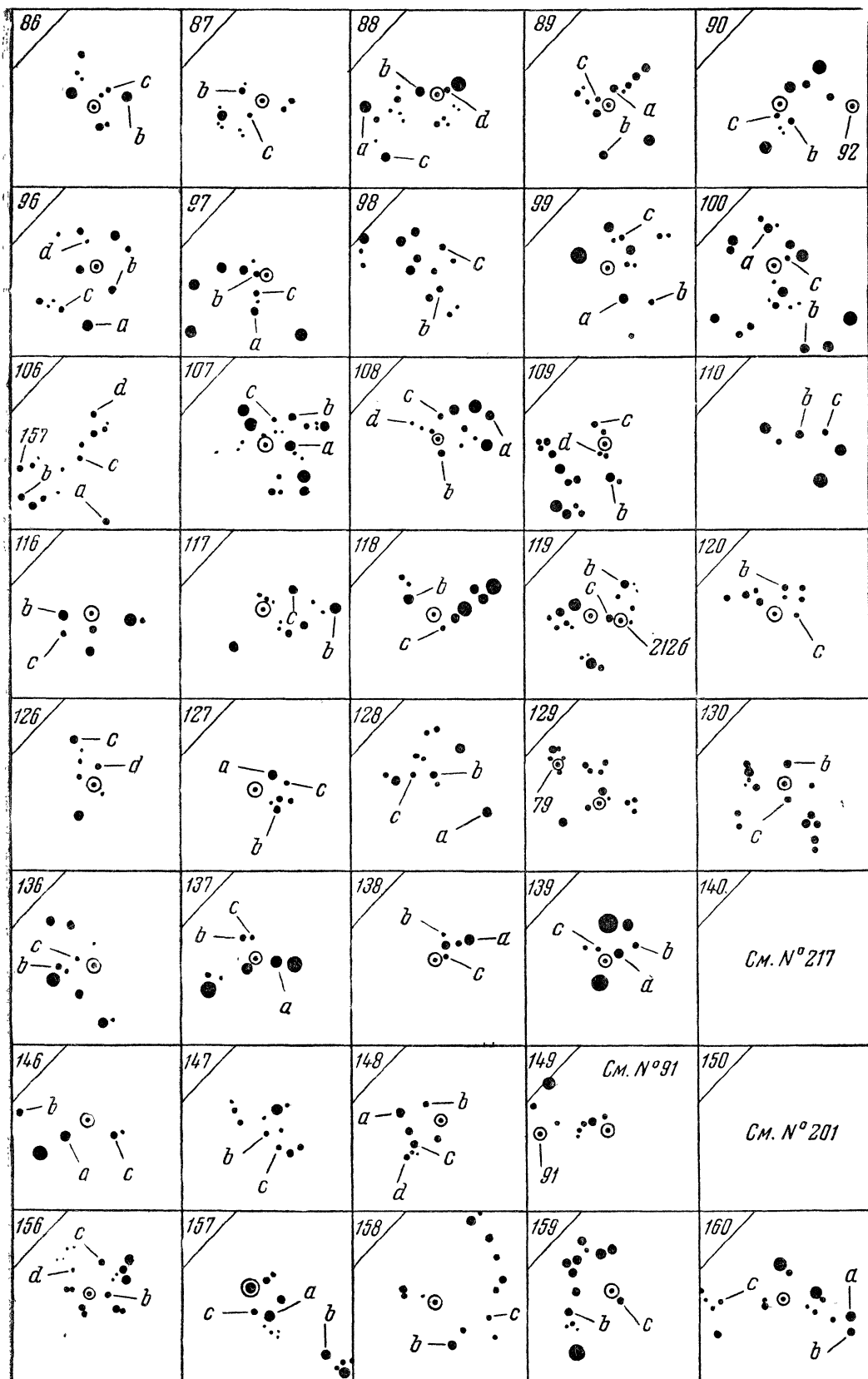


Рис. 12

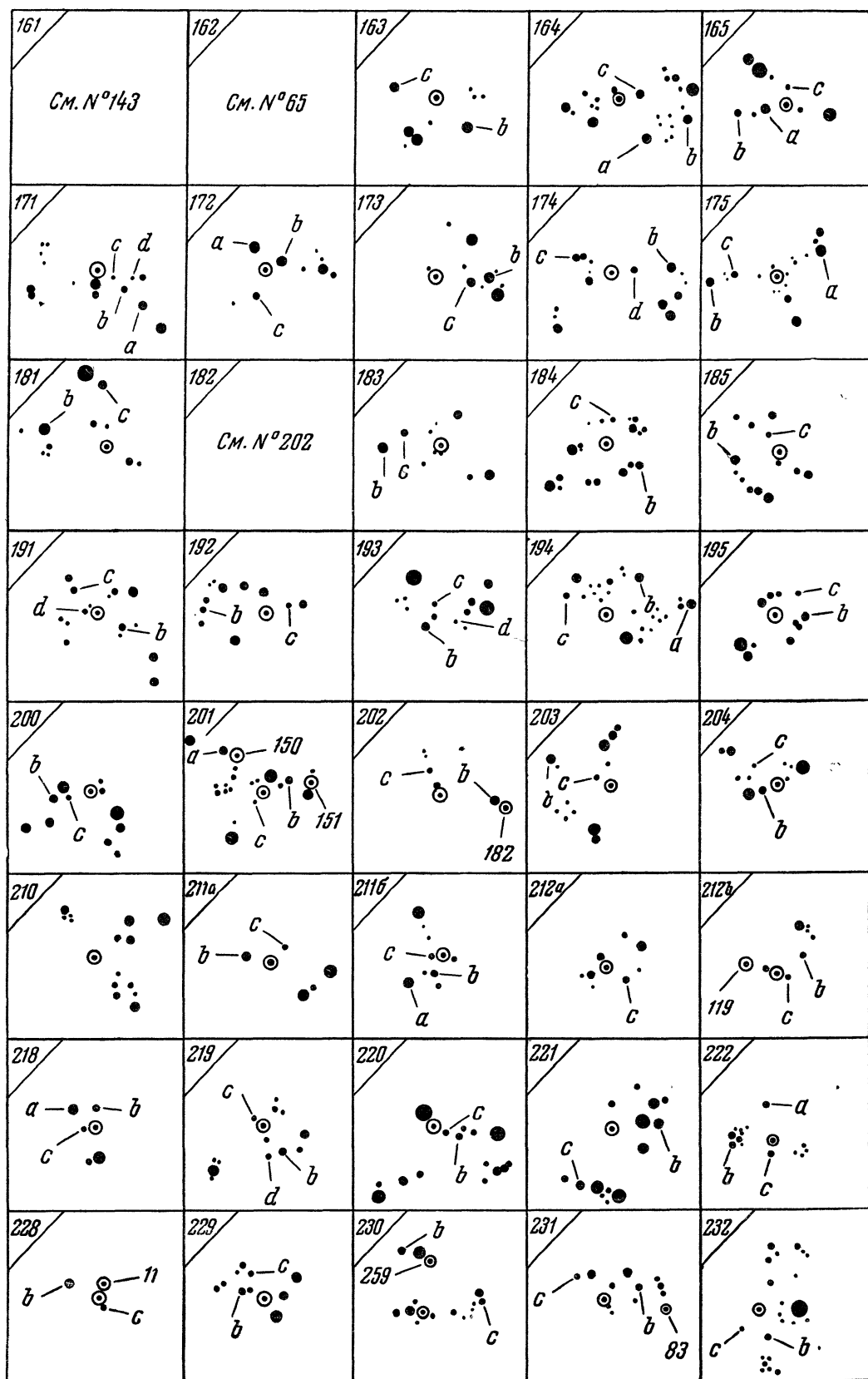


Рис. 13

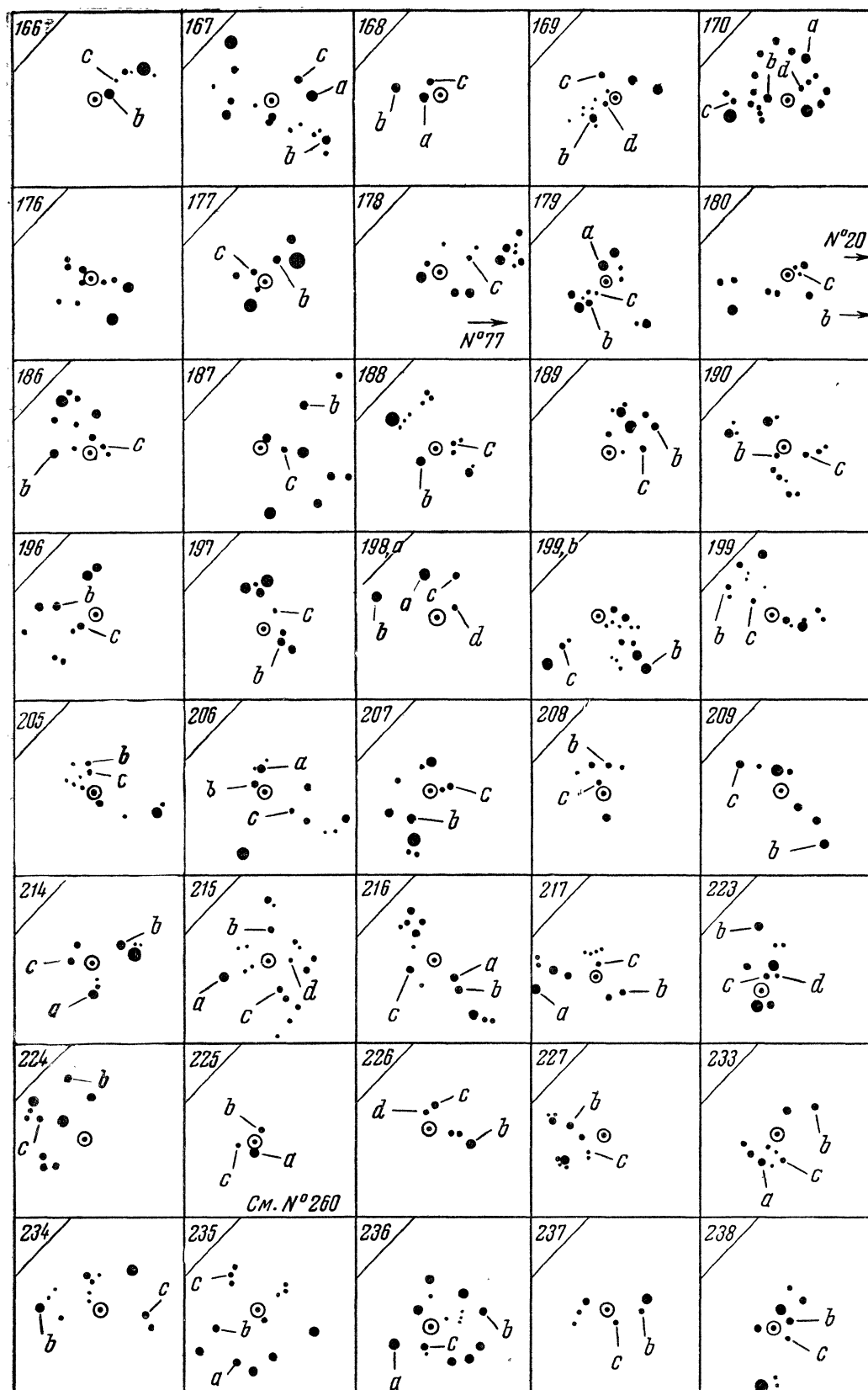


Рис. 14

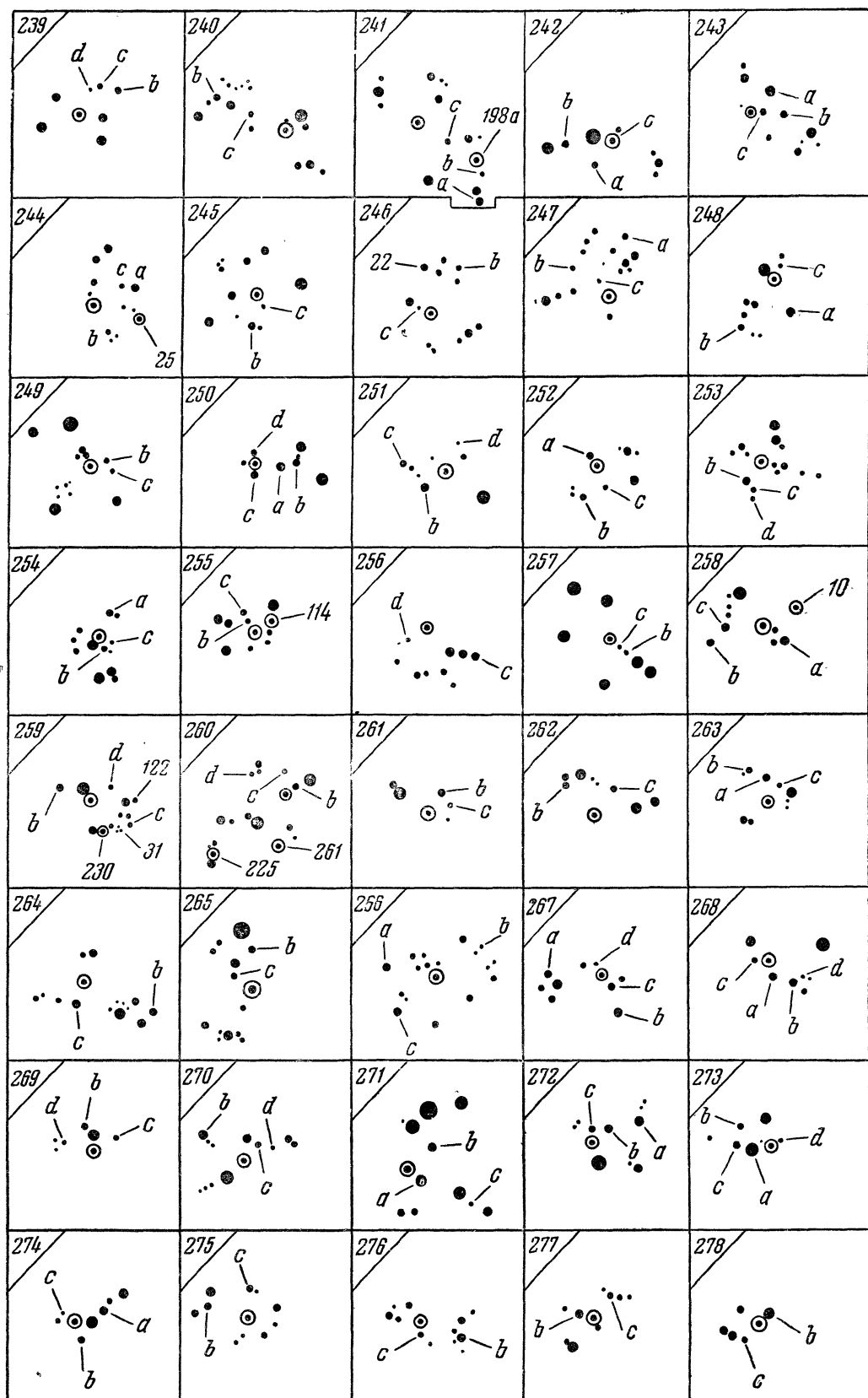


Рис. 15

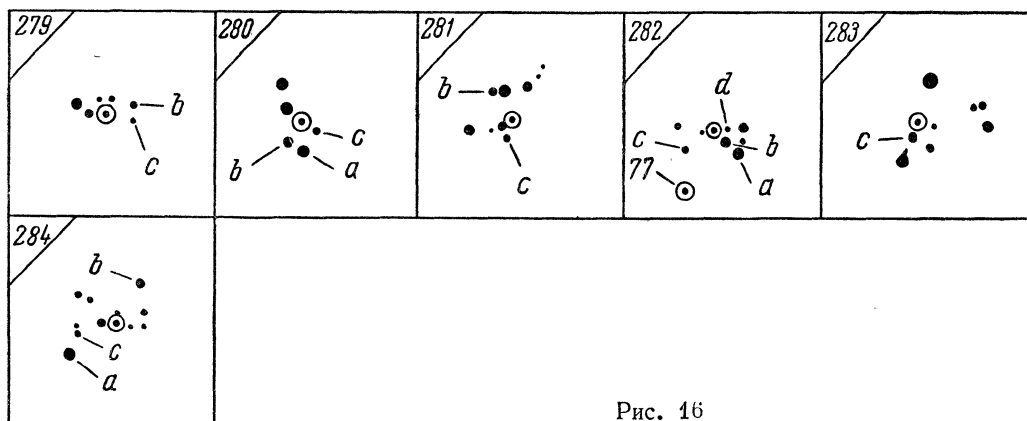


Рис. 16

ОТ РЕДАКЦИИ

На картах Гапошкина не указаны некоторые звезды сравнения, для которых приведен блеск в степенях:

Переменная	Отсутствуют на картах звезды сравнения	Переменная	Отсутствуют на картах звезды сравнения
20	<i>d</i>	113	<i>c</i>
22	<i>c, d</i>	534	<i>a</i>
73	<i>d</i>	176	<i>a, b, c</i>
78	<i>b, c</i>	178	<i>b</i>
93	<i>a</i>	210	<i>b, c</i>
94	<i>b, c</i>	212 <i>a</i>	<i>b</i>
123	<i>c</i>	283	<i>b, c</i>

Для ряда звезд сравнения, указанных на картах, не приведен блеск в степенях:

Переменная	Не указан блеск в степенях для звезд
55	<i>b, c</i>
222	<i>a, b, c</i>
250	<i>a</i>

Некоторые переменные не обозначены на картах: №№ 13, 98, 106, 110, 128, 147, 193.

Редакция бюллетеня «Переменные звезды» обращалась к автору с просьбой исправить указанные недостатки, однако ответа не последовало.

J. D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
243...																	
1672.697	2	4	6	12	-2	16	2	0	-10	0	1	2	0	17	0	7	5
1672.721	3	3	9	15	-1	16	1	-1	-5	-1	2	2	2	12	-3	2	4
1674.701	0	0	10	-1	-4	14	3	5	25	-1	4	7	0	-4	-1	-1	1
1675.702	8	3	8	0	-7	17	1	5	20	11	6	20	2	-3	-2	1	2
1676.702	1	0	13	0	17	17	1	15	18	-2	7	13	13	16	18	11	17
1677.691	7	9	7	2:	14	0	4	15	7	10	9	12	15	3	10	2	-3
1682.668	-	-	-	-	-2	16	1	-	-	-	13	-	-	2	-	-	-
1682.674	-	-	-	-	-4	-	1	-	-	-	12	5:	-	-	-	-	-
1682.702	-	0	7	5	8	17	1	-	(0	-1	16	1:	1	-2	-2	0	6
1700.683	-	10	9:	9	-2	18	0	-	-	-3	17	4:	3:	16	-3:	3:	-1
1702.660	3	5	10	0	20	13	3	4	-10	5	18	5	14	-2	-2	1	10
1703.660	0	-2	12	-1	10	17	3	6	-	5	18	3	17	-2	5	5	-1
1704.668	1	2	7	1	-1	16	0	7	-	1	16	3	0	12	12	12	2
1705.655	1	-2	8:	2	-4	16	3	17	-	4	16	2	0	7	7	0	17
1706.654	2	2	12:	6	-3	17	2	12:	-	9	19	2	-2	-3	4	0	-1
1707.663	8	10	6:	7	-5	19	2	3	-	0	20	2	-1	-2	-2	5	0
1708.659	2	-3	7:	7	22	18:	-3	4	-	5	19	-1	2	4	-3	9	12
1709.666	13	6	7:	8:	12	8	3	3	-	8	18	15	1	5	-2	0	-4
1941.948	0	-3	7	10	-3	17	2	17	-	-1	-10	6	17	-2	16	10	12
1941.971	0	-3	5	12	-4	18	2:	17	-	2	-10	5	13	-3	11	7	15
1942.955	9	-2	9	-1	-4	20	-	8	-	12	-14	6	0	10	7	5	-2
1942.985	-	-	-	-	-	-	-	10	-	-	-	3	-	-	7	-	-
1943.948	1	9	14	-1	18	17	0	3	-	0	-12	3	0	3	5	0	0
1943.971	-1	13	10	1	20	20	7	4	-	2	-14	3	-2	0	3	-1	1
1947.945	0	4	-	0	-4	20	1	14:	-	1	-	1	3:	0	-3	0	15
1970.911	-1	3	-	5	7	20	3	9:	-	12	5	2	0	17	5	0	14
1971.892	3	0	7	2	0	17	4	-3:	-	6	7	3	5	4	-1	0	-2
1997.860	15	0	9:	4	-1	0	2	16	-	12	20	14	4	-2	9	4	-2
1998.792	-1	-1	8	3	-3	18	1	3	-	3	20	15	3	-4	13	0	5
1998.817	1	-2	10	4	-3	19	0	5	-	0	23	15	6	0	7	0	6
1998.851	0	4	6:	0	-4	17	2	12	-	-2	20	10	4	-2	0	-2	2
1998.875	2	9	15	6	-3	16	2	17	-	-3	19	8	3	1	4	-1	1
1999.773	6	-1	15	0	-5	17	1	4	-	3	19	14	-	8	7	7	-4
1999.798	8	-3	7	0	-5	17	1	3	-	6	18	9	5	16	-3	5	-4
1999.829	10	-3	16	-	-4	18	0	4:	-	11	19	9	-	14	0	2	3
2000.766	2	6	15	0	-6	7	2	3	-	10	20	10	12	3	6:	-2	-3
2000.791	0	10	7	5	-6	16	1	4:	-	2	20	7	10	0	0:	3	-3
2000.825	2	12	5	0	-4	16	2	3	-	1	22	7	9	2	-3	5	-1
2000.852	-1	6	7	-	-6	17	1	6	-	1	22	5	6	-3	-4	6	-3
2001.762	10	1	8	7	-3	17	-3	11	-	-2	19	8	9	0	-2	-1	8
2001.787	9	-1	6	7	-4	16	-6	4	-	0	23	7	11	-3	-3	0	4
2001.817	11	-1	12	4	-3	16	-5	5	-	11	21	4	14	-3	0	0	6
2001.841	7	-3	12	3	20	16	-7	1	-	10	21	4	7	-5	-3	-2	5
2001.867	6	-1	12	3	17	14	-5	3	-	11	20	3	8	-1	-3	3	3
2002.752	-2	9	8	11:	3	15	1	7	-	4	20	5	0	0	-4	6	-6
2002.773	0	10	14	9:	20	14	3	2	-	6	20	6	1	-1	-3	7	1
2002.802	0	7	10	7	14	17	1	6	-	3	19	4	5	-3	-6	3	6
2002.827	-	3:	9	4	14	16	1	10	-	0	20	3	12:	-3	-	1	13
2002.833	-	6:	8	2	9	17	1	10	-	1	20	3	12:	0	-	0	13
2002.850	0	6	12	8:	8	17	2	11:	-	1	20	2	17	-3	-4	0	14
2002.875	-1	3	0	5	3	17	3	10:	-	1	20	3	13	1	-4	0	12
2029.706	2	4	12	14	11	17	4	0	-	4	10	4	2	3	3	2	0
2029.799	-2	-1	6	5	0	10	1	12:	-	0	10	1	0	-3	-1	-2	-2
2031.753	-2	1	8	16	-3	15	3	8:	-	0	10	3	2	-3	-3	8	10
2031.778	-4	3	12	10	-4	14	3	7	-	-3	10	9	0	7	-4	5	13
2035.701	-2	0	8	0	15	15	3	0	-	4	8	10	13	-2	15	-1	0
2058.674	-2	0	9	-1	-3	16	2	14	-	-1	-4	9	3	1	-5	5	-2
2059.711	2	4	9	3	-4	15	2	11	-	6	-8	5	-1	0	-4	3:	7
2060.683	5	-2	8	4	21	0	2	14	-	-1	-8	4	6:	17	-3	-1	2
2060.708	8	-3	8	5	16	0	2	5:	-	0	-7	3	5	9	-2	0	11
2061.669	0	3	9	5	12	15	-2	6	-	7	-8	4	10:	4	-5	10	-3
2061.710	-2	1	5	0	3	15	-4	10	-	3	-8	4	6	0	-4	2	-2
2062.668	7	-4	6	4	3	11	3	6	-	1	-7	3	14	-3	7	5	4

J. D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
243...																	
2062.694	5	-3	6:	3	-1	16	2	1	—	0	-10	4	13	-2	13	6	1
2062.717	6	2	6	4	-1	15	-1	2	—	-2	-10	—	8	-3	13	8	-1
2063.674	1	3	5	4	-3	15	2	3	—	9	-8	3	4	-3	13	-2	14
2063.708	0	-3	12	5	-4	13	3	2	—	4	-8	1	9	0	8	0	16
2088.639	0	-3	8	0	-3	17	2	15	—	3	23	2	15:	-3	-4	0	7
2290.987	2	3	6	1	4	15	2	6:	—	1	-4	4	11	7:	—	0	-2
2349.846	2	-3	5	9	0	16	2	6	—	5	-4	5	8	1	5	-1	4
2349.871	0	-2	8	10	-1	17	3	8	—	3	-5	3	6	-3	3	2	2
2349.902	0	-2	12:	9	-2	17	2	8	—	0	-3	5	—	0	-3	-1	0
2349.927	—	-1	—	6:	-5	16	2	9	—	-2	-4:	3	—	—	0:	-3	-2
2350.814	6	11	9	14	-3	17	-2	10	—	0	-6	3	12	0	1	5	12
2350.923	7	5	8	10	-3	16	2	8	—	11	-6	1	5	11	-4	-1	9
2387.747	1	-3	10	8	9	17	2	15	—	2	-8	4:	3	-3	3	2	1
2387.770	1	5	7	9	3	17	3	15	—	6	—	3	5	5	3	1	-3
2387.799	3	12	5	6	0	17	2	17	—	11	—	2	10	17	-1	0	-1
2387.821	2	12	8	6	1	16	4	12:	—	11	—	3	12	16	-4	-2	-2
2388.744	-2	0	5	15	3	17	2	5	—	5	-12	2	2	12	0	7	10
2388.777	1:	-1	6	10	0	17	0	10	—	0	-12	2	0	7	0	10	8
2388.811	7	0	12	8	-2	14	1	13	—	0	—	3	0	3	-4	5	3
2413.694	5	-2	9	12	10	15	3	12	—	1	—	3	4	4	12	3	1
2413.726	10:	-2	7	9	7	15	3	10:	—	-1	—	14	0	0	10	4	2
2413.748	10	-2	3	5	4	17	3	13	—	-3	—	17	6	0	7	7:	-1
2414.689	2	8	5	13	3	14	4	14	—	7	—	16	3	0	10	1	13
2414.719	2	6	9	10	-1	16	4	13	—	11	—	17	0	-3	9	-2	9
2414.744	-1	6	10	8	-3	15	3	10	—	8	—	15	3	-2	5	-2	9
2415.676	7	-1	5	12	-2	16	1	12:	—	2	—	18	0	-3	6	9	0
2415.699	13	-4	11	14	-1	16	1	17	—	-2	—	16	6	-2	5	9	-3
2415.730	7	-3	13	10	-4	17	1	17	—	-3	—	10	—	-3	-3	8	-4
2415.749	8	0	10	7	-3	16	1	17	—	-1	—	8	5:	0	-4	0	-3
2416.672	0	5	10	5	-2	16	2	5	—	8	—	13	4	14	7	-3	0
2416.695	0	4	12	7	-4	16	3	9:	—	0	—	9	4	17	3	2	-2
2416.730	-2	2	14	17	-3	16	4	9	—	10	—	8	5	11	2	9	-2
2416.753	0	0	6	14	-3	16	2	15	—	7	—	6	3	6	-2	8	0
2417.670	9	2	9	2	-4	16	0	9	—	3	—	9	3	7	2	2	11
2417.702	10	-1	6	4	-3	18	0	3	—	1	—	7	—	4	0	-1	7
2417.735	8	-3	7	16	-4	17	2	7	—	0	—	6	0	0	-4	-3	5
2438.659	10	-2	9	6:	17	17	2	1	—	-2	—	18	13	0	-2	-3	-1
2438.683	7	-2	12	7:	10	17	3	9:	—	4	—	14	9	0	-4	-2	-3
2705.874	15	11	10	8	20	17	1	9	—	0	—	5	5	-3	18	-2	0
2705.898	9	10	13	5	18	18	1	10:	—	1	—	3	3	0	13	7	8
2706.836	0	0	9	7:	18	16	2	14	—	9	—	3	3	-3	15	0	-2
2706.916	2	-2	4	5	8	1	3	9	—	1	—	3	3	16	7	-1	-3
2706.945	0	-4	5	4	8	1	4	4	—	-1	—	2	4	9	3	-2	-4
2736.785	5	0	6	8	-4	18	4	3	—	-1	-15	3	7	8	5	0	6
2736.821	5	-3	9	12	-3	16	2	4	—	4	—	18	15	2	6	2	3
2736.855	5	0	9	16	-4	18	3	10	—	9	—	14	11	0	0	9	0
2737.725	-1	0	8	2	-3	5	10	8	—	11	—	1	0	0	0:	9	-3
2737.759	0	9	4	0	-4	0	-10	5	—	9	—	9	1	0	3	4	-4
2737.790	-2	9	8	-1	-4	7	-1	4	—	6	—	16	2	0	3	2	6
2737.822	-4	5	10	8	12	15	-2	5	—	4	—	14	0	-4	2	2	15
2737.857	1	3	12	14	20	18	-5	3	—	2	—	10	13	-4	1	0	13
2739.728	0	9	10	-2	16	18	3	8	—	10	—	15	0	-3	3	0	8
2739.759	-2	6	11	0	10	16	3	7	—	9	—	14	-1	1	3	0	6
2739.791	—	2	7	0	4	16	3	8	—	5	—	10	3	18	-2	3	2
2739.822	0	1	4	1	2	15	3	6	—	4	—	7	1	13	-3	8	0
2739.845	8	1	6	2	0	15	3	6	—	0	—	6	3	9	-3	7	1
2739.867	11	2	10	6	-1	16	3	6	—	-2	—	3	4	8	-2	8	-3
2740.716	5	-3	7	3	5	15	2	12	—	0	—	14	6	5	-3	3	-4
2740.753	5	-1	4	3	4	16	2	12	—	1	—	10	3	10	-1	0	8
2740.786	—	-1	5	1	-1	16	3	10	—	0	—	7	3	5	-1	-1	16
2740.818	3	-1	5	-1	-2	15	4	6	—	3	—	5	3	4	0	0	12
2740.844	2	-4	10	-1	-4	14	3	4	—	7	—	4	2	1	-1	1	12
2740.861	0	-2	8	-2	-4	16	2	-5	—	11	—	3	2	0	-2	7	8

J. D.	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
243...																	
1672.697	3	13	8	4	0	13	2	-4	0	7	-1	13	6	-4	3	3	8
1672.721	4	11	6	4	-1	13	3	0	0	6	-2	10	8	-3	4	-2	6
1674.701	7	14	2	1	2	15	14	5	1	6	0	-4	8	-2	2	2	1
1675.702	-1	8	8	7	-1	12	12	17	-2	2	5	-5	0	-1	3	1	5
1676.702	4	14	16	0	5	17	6	7	13	1	8	-5	8	4	8	7	-1
1677.691	6	12	3	1	2	15	6	0	1	9	0	4	2	3	0	-2	9
1682.668	—	—	—	1	-2	14:	5	—	—	22	—	—	—	3:	—	—	3:
1682.674	6:	—	—	0:	0	—	—	2:	—	23	—	—	—	—	—	0:	—
1682.702	4	6	15	0:	2	15	6	-3	2	21	-1	-2:	—	6	6	-1:	-3
1700.683	4	12	4	2	2	15	12	-1	10	9	0:	-2:	—	-2	5	4:	8
1702.660	6	12	3	8	0	12	6	19	-2	4	4	-6	8	3	2	3	-3
1703.660	5	10	7	1	1	16	4	12	11	17	8	11	0	6	10	4	7
1704.668	-2	12	17	1	10	14	9	1	6	3	0	-3	7	-3	2	-2	-4
1705.655	7	12	4	5	1	15	13	-2	-1	10	-1	-6	2	-4	5	6	2
1706.654	7	10	9	2	-4	13	14	-6	12	-2	-2	-4	—	1	9	0	-1
1707.663	5	12	17	2	14	15	7	18	7	8	1	5	0	3	3	0	0
1708.659	5	7	2	5	3	14	4	14	-2	6	8	6	5	8	2	6	11
1709.666	5	12	8	6	0	12	5	2	-1	6	1	-5	0	-6	7	0	-2
1941.948	5	13	11	-1	0	16	18	15	4	7	-1	2	6	-3	9	-1	17
1941.971	5	12	17	0	-2	17	14	14	6	7	-2	0	0	-4	8	-1	16
1942.955	5	13	5	3	0	12	15	6	1	5	-1	-5	3	-1:	1	4	3
1942.985	—	—	—	—	—	—	—	—	—	9	—	—	5	-3	—	2	—
1943.948	3	13	9	8	5	17	5	1	0	3	2	-6	5	4	5	5	-3
1943.971	7	11	8	8	4	15	9	1	6	2	1	-6	4	2	2	8	0
1947.945	7	12	17	1	-1	14	15	6	13	1	—	-5	3	4:	10	1	11
1970.911	4	13	6	5	11	17	6	0	0	5	3	-4	0	10	7	4:	3
1971.892	5	13	11	0	3	13	12	1	12	6	8	14	—	0	10	0	-1
1997.860	6	12	10	8	-1	16	16	0	-1	7	2	-5	8	1	7	2	-4
1998.792	7	6	3	0	2	13	2	-2	12	7	-1	6	1	0	0	4	18
1998.817	6	6	4	0	5	12	3	-3	12	6	8	12	1	-1	1	3	17
1998.851	4	5	3	0	14	14	5	-4	9	7	6	8	-1	-1	5	1	12
1998.875	6	11	4	0	12	14	15	-4	7	9	3	4	1	-3	13	0	8
1999.773	5	12	10	3	10	9	6	0	5	6	-2	0	10	4	3	0	2
1999.798	4	10	9	2	8	8	4	-7	2	6	-1	0	8	4	3	2	0
1999.829	7	15	9	0	5	15	4	-3	3	5	-2	0	7	3	3	7	-1
2000.766	4	12	2	8	0	15	14	-6	0	18	1	—	3	7	9	0	-1
2000.791	5	19	2	5	-1	12	8	-6	-1	17	0:	—	1	6	8	0	-4
2000.825	4	6	9	5	-2	13	11	0	2	20	-1	-5	0	7	6	1	-4
2000.852	4	5	12	4	-1	8:	4	-5	0	22	-2	-5	0	3	5	-1	-4
2001.762	-3	12	5	2	-1	15	15	-5	2	4	3	-5	8	-2	0	5	20
2001.787	-4	13	5	0	0	13	14	2	8	2	0	-5	8	-2	3	6	15
2001.817	-4	12	4	0	-1	12	11	17	13	2	-2	-5	8	5	-1	4	13
2001.841	-3	13	3	0	13	13	10	17	14	1	0	-4	4	5	3	3	8
2001.867	1	12	4	2	13	14	10	15	12:	0	-1	-4	4	4	6	3	4
2002.752	5	11	12	4:	10	16	4	15	9	18	8	-5	1	-3	3	0:	-1
2002.773	7	12	10	5	10	15	7	17	7	12	6	-5	1	-4	4	0	0
2002.802	7	11	8	4	9	16	12	15	6	14	3	-5	-1	-4	4	0	-2
2002.827	5	3:	9	2	3	12:	17	11	6	9	0	—	—	-3	3	5	-1
2002.833	4	12	10:	2	4	13	13	6	4	10	1	14	—	-3	2	6	—
2002.850	5	12	6	0	0	15	15	5	4	8	1	11	-1	-3	1	6	-3
2002.875	6	12	4	2	1	16	12	3	3	6	1	8	1	0	1	3	-3
2029.706	6	12	3	0	-4	17	10	3	13	3	9	-6	5	-2	6	-2	-2
2029.799	4	10	2	2	10	14:	6	0	5	2	1	8	7	-4	2	2	9
2031.753	5	12	9	0	-3	13	14	12	-3	0	-2	-3	6	3	3	5	-4
2031.778	4	11	10	5	-2	12	10	0	-2	-2	-3:	-3	4	3	0	5	-4
2035.701	4	13	3	3	0	13	10	18	12	10	5	-2	7	-3	4	3	20
2058.674	4	12	11	6:	0	17	3	7	-2	15	-2	-4	3	5	2	3	7
2059.711	0	12	10	0	0	15	3	-5	9	-2	-2	-5	8	-5	5	0	-2
2060.683	4	9	3	3	12	16	8	-7	8	8	1	5	2	-4	7	5	10
2060.708	4	12	2	3	11	14	7	-4	5	8	0	12	1	-4	9	7	14
2061.669	5	12	9	7	1	16	11	-5	-3	-1	4	4	9	0	2	0	4
2061.710	4	9	8	9	-1	16	7	-2	0	4	1	0	7	-2	2	2	-1
2062.668	5	9	4	0	-2	13	15	15	10	5	8	-3	1:	0	4	3	-2

J. D.	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
243...																	
2062.694	4	8	10	1	1	14	13	15	12	5	5-4		0-2	4	1	-2	
2062.717	3	10	15	0	2	15	11	15	12	3	7-3		0-2	0	0	-4	
2063.674	5:	14	3	4	6:	17	6	13	9	16	-1	-	8	4	7	6	15
2063.708	6	13	2:	2	11	17	11	6	9	18:	4-5		8	3	10	6	10
2088.639	3	12:	4	7	11	12	8	0:	-1	7	3	2	1	0:	0	-1	-3
2290.987	6	15	5	1	8	15	8	17	9	20	0	-	6	-	-	-1	5
2349.846	5	10	3	2	1	17	3	-3	1	-2	1-4		2	0:	1	0	0
2349.871	5	12	3	4	3	16	6	-3	-2	-1	-1-4		1	-4:	1	-1	0
2349.902	5	12:	1	4	0	16	11	-5	-3	-2	-1-5		0	-2:	1	3	-4
2349.927	3	12	1	4	-2	16	14	-5	-1	-2	-1-4:		0	-	-	4	1
2350.814	1	11	8	-1	-3	12	7	-6	10	7	5-3		7	4	4	0:	16
2350.923	0	11	4	6	-1	16	6	6	9	8	1	13	8	0	3	-1	4
2387.747	7	8	4	2	-1	12	14	2	0	6	0	6	2	3	2	0	20
2387.770	6	7	3	4	-2	12	13	-5	5	4	0	5	-1	6	2	0	15
2387.799	4	10	2	3	-3	17	8	-2	10	6	1-1		-2	5	7	-1	7
2387.821	3	11	3	3	-3	16	9	-4	10	2	-1	0	4	5	8	-2	5
2388.744	5	13	13	6	1	12	9	-5	13	8	6	0	8	0	2	7	-2
2388.777	6	13	11	3	-3	15	13	-4	10	10	3-3		6	-4	4	5	-2
2388.811	5	11	8	4	8	12	14	-4	9	19	2-4		6	-3	3	5	-5
2413.694	-3	10	15	7	-2	16	12	16	2	8	2	1	3	4	10	0	4
2413.726	-2	10	14	8	8	15	15	14	4	9	-2	12	3	4	10	-1	3
2413.748	1	10	12	8	11	15	11	7	1	5	1	9	2	3	7	4	0
2414.689	4	12	5	2	7	14	4	2	-1	2	3	5	10	-4	1	3	-1
4414.719	6	14	4	2	2	16	4	1	0	2	0	3	8	-4	1	0	0
2414.744	5	12	3	-1	-1	17	9	-4	4	0	0	1	6	-5	0	-2	-3
2415.676	4	11	7	3	-2	15	8	0	12	6	9-3		3	-4	6	5	3
2415.699	4	11	6	2	-4	15	3	-6	9:	6	6-3		4	-3	2	4	7
2415.730	5	9	4	2	-2	14	6	-4	10	6	5-3		3	-4	1	4	13
2415.749	6	10	3	1	-2	14	6	-5	7:	6	1-3		3	-1	1	4	10
2416.672	6	12	-	9	-2	17	10	-4	1	4	0-5		6	-4	11	-1	3
2416.695	4	13	12	10	-4	17	8	-3	2	5	0-5		7	-1	11	0	0
2416.730	4	12	8	6	6	15	6	-6	0	8	9-3		7	-4	9	0	2
2416.753	4	14	8	6	12	15	4	-6	3	14	6-3		8	-1	6	0	-1
2417.670	7	14	3	2	9	15	15	-7	0	5	-1-5		1	2	-1	5	-1
2417.702	7	12	2	0	3	13	1	-5	-1	5	-1-4		1	1	0	4	0
2417.735	5	11:	2	2	0	15	9	15	-2	3	-2	4	1	0	-2	1	-2
2438.659	5	12	15	-1	13	16	14	-5	11	3	-2-5		7	2:	0	2	12
2438.683	4	12	16	0	11	16	10	-7	9	4:	1-4		4	2:	-1	2	9
2705.874	5	13	6	3	9	16	6	-5	0	6	9-2		7	4	3	4	13
2705.898	3:	12	6	6	4	16	7	-5	2	6	6	1:	8	3	8	3	10
2706.836	5	13	9	1	-1	14	8	-2	12	7	-1-3		2	-2	2	0	2
2706.916	5	11	16	0	-1	14	4	11	13	10	10-5		0	7	1	5	-1
2706.945	6	12	13	2	-3	15	6	18	9	18	7-4		5	6	1	7:	-3
2736.785	4	11:	9	2	8	15	7	6	-1	18	3	3	4	5	3	-2	17
2736.821	5	7:	8	2	6	16	7	3	6	19	2-1		3	3	2	1:	15
2736.855	6	7:	6	1	2	15	7	1	10	17	0-3		2	-1	2	0	10
2737.725	6	5	0	9	3	14	14	4	12	2	-1	2	0	-4	4	7	5
2737.759	6	3	7	6	1	15	15	2	9	1	1-3:		5	-5	9	5	2
2737.790	5	11	16	2	3	12	13	0	8	-1:	9-4		7	-3	10	5	1
2737.722	7	14	17	3	2	10	12	-2:	8	0	5-3:		7	6	7	4	-2
2737.857	6	11	14	1	1	10	6	-1:	6	-2	3-5		6	5	7	3	-3
2739.728	3	7	9	0	14	13	5	-5	-1	2	-2-4		5	-4	5	4	1
2739.759	1:	11	7	2	12	13	7	-2	0	2	-1-4		7	-5	6	3	2
2739.791	-3	13	-	2	10	11	13	-2	-1	1	-2	1	9	-5	4	1	16
2739.822	-2	13	4	1	7	14	15	-1	-1	3	-3	13	9	-4	2	0	11
2739.845	-2	13	4	2	2	14	12	0	0	6	-3	11	7	-4	3	0	9
2739.867	0	12	4	2	4	16	13	12	2	2	0	10	5	-5	3	1	5
2740.716	5	14	3	8:	6	14	5	-5	11	8	3	13	3	-1	6	6	6
2740.753	5	11	13	6	4	15	4	-2	14	6	1	10	4	-3	12	7	1
2240.786	5	11	-	3	0	15	5	15	9	3	0	7	2	-5	9	5	-1
7740.718	5	8	17	2:-	2	13	8	18	8	6	2	4	2	-4	8	4	-4
2740.844	5	7	15	1	-1	13	14	16	9	7	-2	3	1	-3	6	3	-3
2740.861	5	0	9	1	-1	13	12	12	7	6	-2	0	2	-4	8	2	-3

J. D.	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
243...																	
1672.697	5	4	9	4	6	4	8	1	3	5	12	16	2	6	10	-1	5
1672.721	4	3	10	1	7	3	8	0	3	5	12	23	6	5	8	-3	7
1674.701	7	7	9	2	5	9	1	-2	0	9	0	3	0	4	-1	4	6
1675.702	5	6	2	2	5	3	8	0	6	4	14	23	8	0	4	16	2
1676.702	3	6	8	3	8	8	6	9	7	11	10	10	7	-1	7	4	0
1677.691	2	7	1	2	5	10	3	0	4	4	1	4	0	1	1	-1	0
1682.668	—	—	8	—	—	—	—	—	—	9	4	4	—	—	—	2	—
1682.674	5:	—	—	—	—	—	—	—	9	9	2	0	0	—	0	0	1
1682.702	0	4	8:	—	5	3	6	—	5	12	1	5	0	—	-1	-2	-1
1700.683	8:	3	3	-1:	—	3	8	1	8	8	5	8:	9	—	-1	17	7
1702.660	7:	5	0	5	7	10	7	8	6	7	14	23	8	1	13	0	9
1703.660	2	6	7	6	-1	2	8	1	6	3	4	5	9	6	-5	-1	6
1704.668	12	4	1	2:	6	7	7	1	6	8	1	4	2	5	0	0	2
1705.655	10	5	8	1	7	9	3	8	6	3	16	17	10	8	2	16	-1
1706.654	2	6	3	1	—	6	8	3:	8	10	5	3	6	3	11	6	8
1707.663	2	5:	9	—	—	3	7	1	6	2	3	2	5	0	0	5:	15
1708.659	0	0	1	2	6	6	1	9	3	14	0	22	8	2	1	-1	6
1709.666	3	6	8	2	5	3	8	-1	0	9	16	4	0	3	3	0	1
1941.948	1	4	1	2	7	3	8	1	9	11	1	5	1	2	1	6	2
1941.971	4:	5	7	—	7	6	7	-1	7	9	4	6	1	0	2	7	6
1942.955	2	5	6	0	7	8	7	2	4	5	19	4	9	2	3	2	17
1942.985	2	—	—	—	—	—	—	—	8	2	—	—	—	—	—	—	17
1943.948	5	6	2	2	6	10	6	9	3	10	10	14	7	-2	16	-1	9
1943.971	3	6	7	3	7	9	6	11	2	16	7	10	5	2	13	1	7
1947.945	4:	—	3	—	—	—	6	0:	7	8	7	2	9	—	3	3:	11
1970.911	5:	6	3	—	7	7	7	2	6	7	5	7	4	6	-5	24	16
1971.892	4	5	9	3	6	7	7	8	5	3	5	2	4	7	0	12	14
1997.860	2:	5	1	—	—	5	5	5	8	4	3	10	7	0	0	3	3
1998.792	3	3	9	—	7	5	5	0	7	8	2	4	2	2	13	3	-2
1998.817	7	6	9	3:	6	8	6	1	7	10	9	4	1	3	11	2	-2
1998.851	4	5	8	—	—	5	6	5	6	10	19	3	0	0	8:	-3	-1
1998.875	2	4	6	—	—	4	6	10	8	12	17	3	2	2	7	0	9
1999.773	3	4	2	—	—	0	8	3	9	8	17	5	5	3	-4	3	5
1999.798	2	3	1	—	—	3	5	-1	4	7	9	5	5	-1	-6	0	11
1999.829	5	5	5	—	—	8	6	-1	2	4	7	4	7	1	-5	1	20
2000.766	2	6	9	—	—	5:	5	5	7	3	4	15	8	1	-4	2	18
2000.791	3	6	2	—	—	4:	6	4	4	3	5	13	5	-1	-7	2	13
2000.825	5	7	9	—	5	3	7	7	5	13	6	10	7	-3	-4	3	15
2000.852	10	7	8	—	5	2	6	0	3	10	4	7	2	-2	-5	12	10
2001.762	8	6	5	5	5	9	8	1	3	13	3	8	3	0	7	15	11
2001.787	7	6	2	3	5	7	6	-1	4	10	1	7	0	0	3	16	7
2001.817	10	5	4	1	5	8	6	1	9	9	4	5	0	1	3	14	5
2001.841	2:	7	1	3	6	5	5	-1	4	5	2	5	2	2	2	11	2
2001.867	12	5	3	3	7	2	6	8	4	3	6	4	9	6	3	10	2
2002.752	5	1	1	5	6	2	5	2	3	3	1	3	6	-1	4	6	5
2002.773	3	3	9	3	6	5	6	3	4	6	6	4	7	-1	13	7	3
2002.802	5	5	9	3	7	6	7	1	5	5	19	4	10	3	17	4	2
2002.827	3	3	11	—	—	7	6	—	7	5	18	4	9:	—	12	3	0
2002.833	7:	3	9	0:	—	8	7	—	4	10	18	4	8:	—	11	3	-2
2002.850	5	6	9	—	5	7	7	-3	5	13	15	10	7	5	10	2	0
2002.875	3	6	7	0:	6	4	6	0	8	13	11	23	6	8	8	1	3
2029.706	6	6	2	4	6	6	8	12	5	13	16	3	3	7	2	0	12
2029.799	3	6	10	—	4:	4	4	4	8	9	5	14	7	3	-1	-1	4
2031.753	0	5	10	3	6	4	7	1	1	16	5:	3	0	-1	9	20	4
2031.778	3	4	8	—	5	5	6	1	3	11	1	2	5	0	3:	18	0
2035.701	3	6	3	3	6	9	8	10	4	4	2	3	10	1	14	-1	10
2058.674	8	6	0	—	5	5	7	9	5	8	4	3	2	0	-2	7	5
2059.711	3	5	4	—	7	2	7	-1	7	13	12:	6	10	3	2	0	0
2060.683	2	5	1	2:	0	7	5	0	7	9	2	14	3	6	4	-2	3
2060.708	0	4	8	—	0	7	6	1	6	7	3	8	2	5	1	-2	3
2061.669	0	5	9	—	4	9	7	11	-3	4	4	3	4	7	9	-1	2
2061.710	0	5	5	2	3	7	8	9	4	8	2	4	9	4	9	8	6
2062.668	4	2	-1	2	6	3	8	1	6	12	16	1	9	7	0	16	12

J. D.-	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
243...																	
2062.694	0	3	3	5	4:	3	6	0	3	9	18	3	7	4	-1	14	10
2062.717	2	4	9	3	3	3:	7	-2	3	8	15	5	7	2	-2	10	11
2063.674	5	4	10	6	6	8	7	4	6	5	7	13	1	4	4	6	7
2063.708	6	6	4	3	6	3	7	2	3	2	5	8	3	3	0	3	7
2088.639	5:	1	6	—	—	9:	7	—	7	10	18	3	7	0	-3	5	2
2290.987	—	6:	3	—	—	2	6	11	4	8:	4	3:	4	1	8	—	5:
2349.846	5	6	10	—	6	7	9	0	4	12	8	8	7	-2	6	4	14
2349.871	4	5	10	—	7:	4	9	1	5	13	7:	6	2	0	6	2	10
2349.902	4	6	10	—	6	7:	8	-2	5	13	3	5	3	0	5	2	10
2349.927	2	4:	8	—	7:	2	6	-3	3	10	5	5	6	5	3	0	8
2350.814	5	4	4	0:	6	6	3	8	7	12	5	3	3	1	1	3	11
2350.923	1	6	2	—	7:	3	9	5	4	2	3	3	10	3	11	0	1
2387.747	4	6	10	2:	5:	4	7	5	7	11	6	12	4	6	0	-1	1
2387.770	3:	—	11	—	6	4	6	3	3	8	4	23	4	4	7	-2	3
2387.799	4	6	10	—	7:	1	4	7	2	10	5	22	5	4	13	-1	3
2387.821	5	6	7	—	6	5	1	2	7	9	5	18	-1	1	15	0	7
2388.744	6	5	3	6	5	7	7	8	4	5	10	6	5	-2	2	2	7
2388.777	3	4	3	7	4	7	7	10	4	4	5	6	10	5	1	19	11
2388.811	5	4	3	4	5	5	8	8	3	8	4	7	9	2	-4	17	14
2413.694	1	6	1	1	6	8	6	4	4	14	9	6	12	3	-1	-3	6
2413.726	6	6	4	2	5	8	6	3:	2	11	6	5	9	2	7	-2	2
2413.748	5	4	0	—	6	7	7	2	4	7	5	2	5	2	12	15	4
2414.689	3	7	8	—	5	3	7	7	4	2	5	8	6	2	2	18	5
2414.719	3	4	10	—	7	3	8	10	0:	3	4	19	4	2	2	15	3
2414.744	4	5	7	—	7	7	8	12	3	3	3	17	2	-1	-1	10	2
2415.676	6	4	3	—	5	8	5	2	7	8	1	12	3	2	4	10	1
2415.699	5	6	1	—	—	4	3	-4	0	10	3	8	2	1	0	7	1
2415.730	2	5	2	—	—	3	1	-2	0	12	17	6	9	1	5	4	2
2415.749	3	—	2	—	—	2	—	-2	3	15	20	4	8	0	0	3	3
2416.672	2	5	8	1	5	5	7	4	5	8	15	5	9	-1	13	0	3
2416.695	6	6	8	—	4:	5	7	2	4	3	14	3	8	1	12	0	5
2416.730	3	6	10	—	3:	6	8	1	1	5	8	3	6	4	7:	1	8
2416.753	4	—	9	—	6:	3	8	1	0	3	6	3	5	6:	3	2	11
2417.670	7	5	3	—	3:	3	7	-3	0	4	7	8	4	3	-1	-2	14
2417.702	8	4	2	—	-1	6	7	4	7	12	4	19	1	5	1	-2	16
2417.735	7	5	3	—	-1	8	8	9	2:	13	6	19	-1	8	2	1	16
2438.659	-1	6	3	—	6	4	7	1	3	8	19	19	8	0	14	0	3
2438.683	0	5	-1	—	8	4	8	3	0	4	15	18	6	1	10	2	0
2705.874	2	7	8	—	6:	6	5	6	7	14	19	3	8	-1	18	14	10
2705.898	7	6	8	—	4:	3	5	2	6	13	17	3	7	-2	12	12	7
2706.836	1	6	1	3	6	6	6	10	1:	10	9	20	0	1	-3	10	7
2706.916	6	7	7	0	5	6	7	10	6	5:	5	9	2	2	-5	4	5
2706.945	8	5	10	1	6	6	7	7	0	4	3	6	7	3	-3	2	2
2736.785	6	4	9	3	-1	8	8	0	3	14	9	18	1	8	2	14	1
2736.821	10	3	10	2	-1	5	8	0	3	9	7	13	3	5	0	9	0
2736.855	4	6	7	1	2:	2	7	-3	3	9	—	9	7	1	0	6	2
2737.725	2:	5	8	1	8	4	7	3	1	3	4	9	5	6	7	9	0
2737.759	6	6	7	2:	9	7	8	2	4	2	5	8	10	4	7	4	-1
2737.790	8	6	4	4	8	8	8	3	5	1	5	4	10	3	3	4	1
2737.822	7	4	1	2	6	8	8	1	2	5	3	3	8	1	5	0	2
2737.857	6	6	2	0	8:	5	5	1	3	9	3	3	9:	-2	2	-1	4
2739.728	7	7	8	3	6	8	7	1	4	8	13	19	2	4	2	1	9
2739.759	10	7	5	4	4	8	6	-1	1	8	17	20	0	6	4	-3	14
2739.791	9	4	2	4	4	5	—	—	3	5	16	17	4	4	-3	-2	12
2739.822	10	5	2	3:	5	3	—	-1	5	1	13	15	10	3	-1	-3	5
2739.845	11	2	0	2	5	5	—	-2	4	2	11	10	9	2	-1	-3	6
2739.867	8	1	0	0	4	9	—	-1	4	6	10	10	6	1	4	2	4
2740.716	10	6	0:	3	5	9	5	9	4	2	10	10	10	-1	2	-4	12
2740.753	11	7	3	5:	5	9	6	6	4	8	8	8	8	1	0	-3	9
2740.786	7	7	7	4	5	8	7	—	7	11	8	4	12	1	0	8	5
2740.818	10	7	10	3	5	5	6	5	7	13	5	7	9	3	0	18	2
2740.844	8	6	9	2:	5	5	7	2	6	11	3	3	7	3	1	14	1
2740.861	8	4	8	0	5	3	7	2	3	10	2	4	3	6	0:	12	0

J. D.	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
243...																	
1672.697	3	-2	33	1	0	33	4	2	2	0	-12	3	0	1	-4	0	1
1672.721	5	-3	32	2	0	33	4	1	2	6	-12	3	2	1	-4	0	1
1674.701	7	5	33	6	0	33	9	2	5	13	-	4	1	4	-3	3	4
1675.702	7	-2	31	0	1	32	10	1	6	16	-	3	1	2	-4	-1	6
1676.702	10	0	33	3	0	32	9	2	5	9	-	4	1	8	-4	1	5
1677.691	12	1	32	7	4	32	0	5	5	5	-10	5	2	10	-5	1	6
1682.668	-	-	20	-	-	28	-	-	-	9	-	8	-	9	-	-	8
1682.674	4	-	20	-	-	27	-	-	10	9	-	7	-	12	-	-	-
1682.702	1	3	20	1	3	27	0	2	8	5	-	10	2	13	-6	2	11
1700.683	4	3	7	2	3	4	11	2	9	12	16	12	2	16	3	3	23
1702.660	4	-1	5	0	4	4	8	6	11	14	15	12	7	26	3	-1	26
1703.660	3	3	2	0	7	3	8	9	10	16	17	12	9	22	4	-1	26
1704.668	9	8	3	6	5	3	9	12	11	10	16	16	10	23	3	4	25
1705.655	8	-3	2	-1	7	2	8	12	11	9	17	16	12	24	5	2	24
1706.654	6	2	2	0	7	2	9	1	8	7	13	17	10	25	5	3	23
1707.663	6	0	0	3	7	1	11	0	11	17	14	16	12	27	6	2	25
1708.659	5	3	-2	0	9	-1	10	0	8	14	16	17	10	31	6	1	23
1709.666	2	-3	-1	1	8	-1	9	2	10	10	15	17	7	28	6	3	23
1941.948	10	1	8	4	5	-16	8	2	2	6	3	14	5	24	-2	3	0
1941.971	10	1	7	3	4	-14	9	4	3	7	0	14	3	24	-2	2	0
1942.955	10	-3	10	0	4	-15	6	4	1	9	1	15	3	29	-5	0	-
1942.985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2
1943.948	8	0	10	3	3	-15	8	6	1	12	0	16	5	25	-6	2	-2
1943.971	9	-1	9	2	3	-16	10	4	2	10	1	12	2	25	-5	1	-2
1947.945	4	-1	8	0	12	-15	12	0	3	8	-	14	2	23	-5	-2	-
1970.911	10	4	-2	4	12	-17	9	12	3	11	0	10	0	3	-5	-1	-
1971.892	12	-3	-4	4	0	-15	11	1	2	15	-	9	-1	2	-6	1	-
1997.860	3	-2	-10	0	0	-15	5	1	6	8	-	16	-1	-8	2	2	-
1998.792	4	-2	-	1	0	-	13	1	6	10	-	16	-2	-8	5	3	-
1998.817	4	1	-	1	2	-	8	1	4	13	-	17	-1	-	4	2	-6
1998.851	6	0	-	1	-1	-	12	1	6	9	-	15	-2	-	5	2	-
1998.875	10	0	-	4	1	-15	7	0	8	10	-	16	-2	-	-	0	-
1999.773	5	4	-	1	0	-15	10	2	4	13	-	16	0	-	5	2	-
1999.798	3	3	-	3	0	-13	12	3	8	15	-	15	-2	-	4	-2	-
1999.829	7	4	-	0	0	-	10	1	6	16	-	15	-2	-	6	1	-
2000.766	2	-3	-	4	1	-	10	7	7	7	-	15	-1	-	3	2	-5
2000.791	5	1	-	2	0	-13	12	5	6	10	-	15	1	-	5	0	-
2000.825	10	4	-	5	0	-15	12	2	8	15	-	15	-1	-	5	-1	-
2000.852	10	6	-	1	-1	-13	11	0	5	13	-	15	-1	-	5	2	-
2001.762	8	0	-17	0	3	-16	9	9	8	8	-	14	-1	-12	5	1	-6
2001.787	7	-1	-	0	2	-18	6	7	8	7	-	13	-1	-	5	1	-
2001.817	7	-1	-	5	1	-	5	5	9	7	-	13	-1	-10	3	2	-
2001.841	8	-3	-	4	1	-	3	5	8	6	-	16	-1	-	4	1	-
2001.867	8	-1	-	6	0	-15	4	3	7	13	-	15	-2	-	6	0	-
2002.752	8	1	-17	2	3	-16	10	12	5	12	-	13	-2	-	6	1	-6
2002.773	11	1	-	1	3	-16	9	9	7	13	-	15	-2	-	5	3	-
2002.802	10	0	-	0	1	-15	9	9	8	11	-	14	-3	-	4	3	-
2002.827	8	-	-	-	-	-	10	6	7	10	-	14	-	-	5	-	-
2002.833	10	-	-	-	-	-	10	4	5	8	-	15	-	-	5	-	-
2002.850	10	0	-	0	0	-	7	4	8	8	-	14	-4	-	6	4	-
2002.875	5	-3	-	0	0	-	10	4	7	7	-	14	-3	-	5	2	-
2029.706	3	4	-	2	12	-14	8	2	12	9	-	16	0	9	6	0	-2
2029.799	7	2	-	1	2	-14	7	12	11	7	-	17	0	10	5	-1	-4
2031.753	7	1	-	2	10	-14	6	2	11	14	-	18	-1	15	4	3	1
2031.778	6	-1	-	2	6	-13	8	0	10	13	-	19	-1	15	4	1	0
2035.701	7	0	-	0	0	-12	8	4	10	16	-	16	1	20	5	4	2
2058.674	3	4	-	2	0	5	10	2	7	12	-	17	1	25	3	3	11
2059.711	8	2	-	0	0	4	9	2	6	12	-	18	0	26	3	3	14
2060.683	7	0	-	2	-2	4	9	3	5	10	-	18	1	26	3	2	13
2060.708	10	0	-	2	3	4	1	4	4	9	0	18	1	26	4	3	13
2061.669	10	2	-	0	0	6	6	9	3	7	-	18	1	26	3	2	15
2061.710	12	-2	-	3	-2	5	9	5	4	5	-	16	2	28	3	3	13
2062.668	10	1	-	0	-2	6	3	18	4	10	-6	16	2	26	4	2	11

J. D.	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
243...																	
2062.694	11	4	—	—2	0	6	3	10	5	7	—4	17	4	26	3	4	11
2062.717	5	1	—	0	0	8	3	7	3	6	—5	17	3	25	5	3	11
2063.674	8	3	—	3	—1	8	9	15	3	11:	—4	16	1	23	5	3	15
2063.708	7	7	—	6	—2	8	12	16	0	8:	—6	16	2	23	4	3	17
2088.639	3	4	—	0	0	25	8	0	2	10	22	16	1	—2	0	2	20
2290.987	6	—	—	2	—	34	8	6	2	10	20:	18	—	30	—4	0	—
2349.846	12	2	—	1	3	2	8	7	8	9	0	16	—1	—6	6	—1	—
2349.871	5	1	—15	—1	1	2	6	5	8	8	—	18	—1	—	7	0	—
2349.902	1	3	—	2	0	2	8	3	6	8	—	18	—2	—	7	0	—
2349.927	4	0	—	3	—2	2	10	4	6	7	—	18	—1	—	5	3	—
2350.814	6	3	—	4	3	0	10	12	5	10	—	16	—1	—	6	3	—
2350.923	4	3	—	0	1	1	11	6	6	7	—	19	1	—	7	2	0
2387.747	7	3	—	4	0	—14	9	1	7	13	—	15	1	15	0	3	—
2387.770	8	1	—15	4	1	—13	9	0	6	10	—	15	0	16	0	2	—
2387.799	8	1	—	6	0	—13	8	2	8	8	—	15	2	16	—1	5	—
2387.821	9	1	—	5	0	—	10	10	9	7	—	16	1	19	—2	0	—
2388.744	11	—1	—	0	1	—17	6	1	7	12	—	13	2	18	0	4	—2
2388.777	12	5	—	—1	0	—17	9	0	10	14	—	13	3	19	—1	1	—5
2388.811	10	6	—	—2	2:	—	9	0	9	15	—	13	2	17	—1	0	—3
2413.694	6	4	6	4	4	—18	7	1	1	9	—	12	1	22	—4	5	16
2413.726	3	4	4	3	4	—17	8	1	0	10	—	12	0	21	—6	3	15
2413.748	4	3	4	1	1	—	6	3	2	9	—	13	0	20	—5	4	12
2414.689	5	—3	3	3	4	—	10	2	1	11	—	14	—2	23	—6	3	12
2414.719	6	—4	5	3	3	—	9	2	2	9	—	15	0	21	—3	3	12
2414.744	6	—3	3	4	2	—	8	2	3	7	—	15	0:	20	—4	2	11
2415.676	5	0	3	0	10	—	9	2	0	12	—	15	—3	20	—6	3	10
2415.699	4	—2	2	0	9	—	7	2	0	12	—	15	—2	21	—5	0	9
2415.730	7	—2	4	0	5	—	4	0	1	13	—	13	1	20	—6	2	9
2415.749	7	—	4	0	0	—	5	0	0	12	—	15	0:	18	—6	5	10
2416.672	6	—4	3	5	10	—	9	5	0	14	—	14	0	18	—4	2	10
2416.695	8	0	4	4	10	—	8	2	2	13	—	12	0	17	—4	0	10
2416.730	9	0	3	0	3	—	7	1	2	13	—	13	1	18	—4	2	10
2416.753	9	—	3	3	2	—	8	1	1	13	—	13	0	17	—5	3	10
2417.670	10	7	4	0	12	—	7	5	1	7	—	12	1	19	—6	2	10
2417.702	12	5	4	3	10	—	8	3	1	11	—	11	0	18	—5	1	9
2417.735	11	3	6	5	9	—	8	2	0	13	—	15	0	19	—5	0	8
2438.659	10	6	14	4	8	—	10	2	2	12:	—	15	—2	—6	—6	0	32
2438.683	6	3	16	5	8	—	9	0	0	13	—	15	—	—8	—6	0	32
2705.874	10	—1	28	—2	0	9	9	4	2	7	7	17	4	—	—6	2	0
2705.898	8	—3	30	0	0	8	10	2	0	10:	7	15	0	—	—5	0	—
2706.836	8	—2	25	2	0	12	7	7	—2	11:	10	15	3	—	—6	—1	—
2706.916	6	—3	28	2	—1	12	9	4	—1	9	8	15	—	—12	—9	2	—
2706.945	4	0	25	2	0	11	7	3	2	8	9	16	0	—	—9	0	—
2736.785	10	—2	3	3	6	37	0	0	5	11	—	18	1	24	—5	1	—
2736.821	6	0	2	2	5	37	3	—1	4	16	—	18	2	23	—5	1	—
2736.855	6	0	3	0	1	38	5	0	6	15	—	19	4	22	—4	2	—
2737.725	10	4	3	2	6	35	10	1	2	9	—	18	2	22	—4	0	—
2737.759	10	3	2	4	7	36	9	1	3	8	—	18	3	22	—5	2	—
2737.790	7	4	3	8	5	34	9	1	5	10	—	18	0	23	—4	1	—
2737.822	4	2	1	6	4	35	8	1	3	9	—	16	1	24	—1	—2	—
2737.857	4	0	2	3	1	35	7	1	5	14	—	17	1	23	—1	3	—
2739.728	7	—3	4	7	6	34	8	6	5	16	—	14	2	27	—2	2	—
2739.759	5	—1	3	3	8	33	7	4	4	15	—12	16	2	25	—3	0	—
2739.791	4	0	3	3	8	34	8	4	5	15	—	15	2	25	—1	1	—8
2739.822	6	—1	3	3	7	35	7	3	3	12	—12	16	1	27	—2	0	—
2739.845	4	—1	2	2	6	34	7	2	4	11	—	17	1	26	—2	—1	—
2739.867	8	—2	1	0	4	34	7	1	3	10	—	18	2	24	—2	2	—
2740.716	5	—2	1	1	2	34	7	7	3	10	—	17	1	25	—1	4	—
2740.753	5	—1	2	5	7	34	8	7	3	13	—	18	0	26	—1	0	—3
2740.786	6	0	2	8	8	33	9	5	3	14	—11:	18	2	26	—1	0	—
2740.818	7	0	2	6	5	33	9	3	3	16	—	16	3	27	—2	1	—
2740.844	9	—2	0	3	3	34	7	2	3	15	—	17	3	29	—1	1	—
2740.861	11	—3	0	3	4	34	5	1	3	12	—	17	1	25	—2	2	—

J. D.	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85
243...																	
1672.697	0	3	2	-3	8	2	-2	6	4	9	18	-3	-3	-2	5	0	-1
1672.721	0	2	1	-3	8	2	-6	5	10	7	12	-7	-3	-4	2.	2	-1
1674.701	1	10	1	-2	8	9	1	13	9	14:	20	12	3	12	10	13	5
1675.702	1	2	8	-2	9	3	2	3	9	8	21	12	0	4	2:	6	-1
1676.702	0	-1	4	-3	10	2	1	5	8	8	16	10	1	-3	2	6	0
1677.691	0	1	1	0	10	3	2	5	9	9	8	-4	0	1	10	2	6
1682.668	—	—	—	—	18	—	—	—	—	—	10	11	—	—	0:	—	—
1682.674	—	—	—	—	18	—	—	—	—	—	—	11	—	-3	1:	5:	—
1682.702	—	0	5	—	—	3:	2	5	9	7	5	11	0	-3	3:	8	—
1700.683	7	—	2	9	24	—	—	4	9	12	10	11	0	12	4:	4:	0
1702.660	10	0	3	12	25	2	3	4	8	9	8	13	0	-3	4:	10	6
1703.660	10	8	5	14	26	3	2	4	10	10	14	14	1	4	6	8	0
1704.668	9	8	4	14	23	8	0	4	10	7	16	10	0	6	5	2	1
1705.655	8	2	0	15	27	2:	0	5	8	14	20	14	2	7	8	-1	6
1706.654	7	2	5	15	26	4:	—	4	9	16	21	12	2	1	2	9	0
1707.663	7	0	2	16	25	6:	0:	4	10	—	21	10	0	0	3	10	3:
1708.659	7	11	9	15	25	7	-2:	5	8	9	9	11	-4	1	6	6:	4
1709.666	6	5	3	14	24	4	0	3	7	10	3	14	-3	8	5	2	0
1941.948	5	0	9	0	21	7	0:	4	10	13	19	11	2	15	9	2	5
1941.971	5	0:	4	—	21	5	3	4	10	13	18	12	2	14	8	5:	5:
1942.955	6	2	3	0	21	12	2	5	9	15	19	13	3	-2	0	6	1
1942.985	6	—	3	—	21	—	—	—	—	—	—	—	3	—	4	—	-11
1943.948	7	14	-1	0	20	3	0	4	8	9	21	14	3	-1	7	9	2
1943.971	5	10	2	0	22	5	3	4	10	9	21	14	2	-3	6	13	1
1947.945	4	—	1	—	22:	1	2	4	8	9	4	14	0	2	10:	2	
1970.911	5	-2	3	13	24	2	—	3	10	15	13	14	1	5	2	—	1
1971.892	4	0	0	12	24	2	0	5	9	7	17	14	0	12	4	8	0
1997.860	3	0	0	6	27	3	2	4	10	13	6	13	1	0	5:	4	4
1998.792	3	—	6	3	26	8	—	4	10	6:	8	-1	3	-2	8	6:	-2:
1998.817	4	4	7	6	28	7	0:	3	9	7:	8	-3	0	2	6	3:	0
1998.851	3	15	4	5	24	6	0:	3	10	7:	6	-7	-2	-3	2	0:	0
1998.875	5	15	3	7	27	6	0:	3	8	4	6	-7	2	0	1	—	2
1999.773	2	15	2:	6	27	2	0	4	11	8	15:	13	-3	4	2	—	2
1999.798	3	8	2	6	25	3	0:	4	5	8	9:	12	3	-1	1	2:	0
1999.829	3	6	3	6	27	5	0:	4	12	—	8:	12	-2	0	8:	7	9
2000.766	3	—	3:	5	26	2	—	5	9	—	16	13	-3:	8	9:	—	4
2000.791	2	1	3	4	27	3	0:	1	9	7:	12	12	0	7	8	—	2
2000.825	3	1	8	6	26	4	0:	5	12	7	12	14	0	7	8	—	3
2000.852	3	-1	8	5	25	3	1	4	6	—	10	11	-2	3	6	—	3
2001.762	3	2	0	6	27	5	0	5	7	14	20	12	-1	4	8:	10	-1
2001.787	3	0	3	5	26	6	1	0	8	12	20	12	1	11	6	10	-1
2001.817	3	1	1	5	25	5	2	4	10	13	15	13	0	17	4	8	-1
2001.841	3	0	1	4	25	4	0	4	8	9	15	10	3	15	2	6	1
2001.867	3	0	2	5	25	3	1	4	10	11	13	11	1	10	1	6	5:
2002.752	3	-1	0	4	24	3	0	3	5	7	20	9	1	-3	-1	9	1:
2002.773	3	1	0	4	24	9	2	3	8	10	21	12	-1	-3	-1	12	1
2002.802	3	1	0	4	28	8	3	3	9	12	19	12	-2	-4	2	9	1
2002.827	3	—	—	5	26	7	—	—	—	14	16	12	1	-3	—	7	0:
2002.833	—	—	—	—	24	7	—	—	10	14	19	11	—	-4	6:	6	0:
2002.850	3	-1	2	4	26	6	3	4	10	10	16	12	2	-2	6	6	-1
2002.875	3	-1	2	5	25	6	0	5	9	14	12	10	1	6	9	5	0
2029.706	5	10	6	0	21	4	2	4	10	18	15	11	0	4	8	6	0
2029.799	3	7	4	-1	21	3	1	4	5	9	11	13	-1	-4	1	5	3
2031.753	3	0	6	-1	20	3	2	4	9	10	14	14	2	15	8	4:	2
2031.778	5	0	5	—	21	3	0:	4	8	—	13	12	3	13	8	0	0
2035.701	5	9	0	—	20	6	1	4	9	10	6	14	-1	13	10	11	2
2058.674	5	3	1	(-4	24	8	-1	3	10	9:	3	12	2	-1	0	6	0
2059.711	6	15	6	—	24	3	1:	3	8	10	9	10	3	-1	7	5:	0
2060.683	5	7	0	—	24	4	0:	3	10	—	14	11	-1	8	7	2	3:
2060.708	4	5	2	—	23	4	0	0	11	8	10	14	-1	7	6	2	4:
2061.669	3	4	0	—	24	3	1	4	10	14	11	14	3	9	0	3	0
2061.710	4	1	3	—	21	4	0	3	10	12	8	10	3	14	4	5:	0
2062.668	4	1	4	—	23	7	0	3	9	7	15	12	0:	-3	6	6	0:

J. D.	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85
243...																	
2062.694	3	0	2	—	23	8	2	3	8	11	16	10	—2	—5	7	7	0
2062.717	3	0	1	—	21	6	2	2	7	13	15	12	2	—5	8	9	0
2063.674	4	1	2	—	22	3	—6	3	8	8	17	14	0	—3	7	8	6
2063.708	4	1	1	—	22	2	0:	3	9	9	16	14	4	3	8	10	3
2088.639	2	0	2:	—	25	8:	—	4	9	12	9	12	0	—1	6	—	4
2290.987	—	—	—	—	22	3	(0:	—	9	—	6	12	0	3	4	—	0:
2349.846	1	11	8	—	22	3	—2	3	7	8	2	12	1	—3	10	4	3:
2349.871	2	15	5	—	22	2	0	4	9	8:	6	12	3	—3	8	3	3:
2349.902	3	11	5	—	23	3	0:	3	10	8	16	12	1	—2	4	4	4
2349.927	1	8	6:	—	22	4	—	3	10	—	21	8	0	—3	1	4	2.
2350.814	1	10	2:	—	23	4	0	3	10	10	6	10	4	—3	0	5:	—
2350.923	3	1	0	—	22	3	0:	3	9	10:	13	8	1	—2	8:	4	—1
2387.747	3	0	5	—	26	2	1	4	11	11:	10	12	2	10	5:	4	0
2387.770	3	1	5	—	24	4	1	3	7	11:	12	11	2	16	2	3	0
2387.799	3	0	3	—	22	3	0:	4	12	10:	7	12	1	12	1	2	0
2387.821	5	0	3	—	23	3	1:	3	7	9	6	11	1	9	1:	3	2
2388.744	3	1	2	(—5	23	5	1	5	11	10	15	13	3	—3	5	3	1
2388.777	2	1	1	—	24	7:	0	5	9	9	13	10	1	—3	10	2	0
2388.811	4	0	2	—	23	3	0	4	9	8	8	13	0	—2	10	4	0
2413.694	2	0	6	—	17	2	0	4	8	6	6	10	3	—3	4	3	0
2413.726	3	1	4	—	15	4	0	4	11	7	8	10	1	—4	5	7	0
2413.748	4	0	3	—	18	3	1	4	9	11:	7	13	1	—5	7:	8	0
2414.689	—3	0	1	—	17	5	0	5	10	11	8	9	1	—3	11	7	3:
2414.719	2	1	2	—	17	4	0	6	9	8	8	10	2	0	12	6	3
2414.744	3	0	2	—	17	7	0	0	9	6	7	11	0	—2	9:	6	2
2415.676	2	3	7	—	15	10	—0:	4	8	8	4	9	1	1	7	12	—2
2415.699	2	14	7	—	15	8	1	4	9	9	4	8	4	0	6	10	—3:
2415.730	2	13	6	—	14	4	0:	4	11	10:	4	6	2	4	3	7	3
2415.749	2	15	4:	—	14	—	0	3	9	13:	2:	7	1	0	0	6	3
2416.672	2	10	1	—	16	3	2	3	11	14	9	10	0	10	0	4	0
2416.695	2	7	1	—	16	2	—	3	10	12	9	11	3	9	3	4	—1
2416.730	1	5	2	—	14	7	0	3	10	10	7	13	3	4	8	—	0:
2416.753	2	2	2	—	—	7	—	4	10	10	6	12	3	1	8	—	0:
2417.670	2	6	3	—	15	3	0	4	9	7	13	10	1	9	8	8:	4:
2417.702	2	4	7	—	16	4	—	4	12	14	11	12	0	16	10	—6:	4:
2417.735	2	3	9	—	14	3	—	3	9	15	8	12	1	14	10	—6:	3:
2438.659	6	2	0	—	24	10	0	4	10	11	21	12	2	—4	8	12	0
2438.683	6	0	1	—	24	8	—	4	10	10:	20	10	3	—3	11	10	0
2705.874	4	15	6	—	23	6	0	3	11	7:	20	12	—2	—2	7:	7	—
2705.898	4	15	7	—	23	6	—	4	10	—	21	10	—3	0	11:	7	—
2706.836	3	11	4	—1:	24	1	—	4	9	—	4	13	—1	0	8	3	0:
2706.916	4	5	3	0	23	6	1	4	7:	6:	20	11	2	—2	8	7	5
2706.945	4	4	3	—	23	8	1	4	10	7:	16	10	3	—2	5	4	4
2736.785	6	15	5	20	23	2	2	4	9	5	13	12	2	4	2	7	0
2736.821	5	11	6	22	25	5	2	2	9	8	23	11	3	—2	6	3	0
2736.855	5	5	5	21	24	11	2	3	9	10	21	9	2	—1	9	10	0
2737.725	5	12	4	18	23	3	3:	3	5	6	7	8	2	12	4	5	2
2737.759	6	10	2	20	24	3	0	3	4	6	6:	7	2	10	7	10	2
2737.790	6	7	2	20	25	3	—4	3	6	7:	6	12	2	6	9:	8	2
2737.822	5	4	1	21	23	2	—4	3	7	7	10	11	1	6	10	8	1
2737.857	6	3	2	20	23	3	—5	2	10	6	20	10	—1	3	8	10	0
2739.728	5	1	2	21	24	6	1	4	6	15	9	10	3	—2	4	8	0
2739.759	6	1	1	21	23	10	1	0:	5	13:	8	10	2	—2	1	10	—1:
2739.791	5	2	3	22	22	7	—	0	6	13:	7	9	3	—5	1	3	0
2739.822	5	2	2	22	23	6	1	3	5	11	6	9	2	—3	7	4	—1
2739.845	6	0	2	21	23	5	0	4	5:	10	5	10	2	6	7	3	—1
2739.867	5	2	2	20	23	5	0	3	7	9	6	9	2	10	10	0	—0:
2740.716	5	1	5	20	22	3	1	3	7	3	7	9	—2	—2	1	—3	2:
2740.753	5	1	9	22	23	2:	0	0	6	8	8	9	0	—3	8	3	3
2740.786	4	0	9	22	23	2:	—	1	5	12	7	8	1	—1	10	3	2
2740.818	6	7	8	21	22	1:	2:	1	7	14:	7	9	1:	—2	10:	4	1
2740.844	5	17	7	20	22	3	0	3	10	14	7	8	2	—2	10	9	1
2740.861	5	16	6	20	22	6	1	—	6	11	6	9	1:	—4	8	10	0

J. D.	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
243...																	
1672.697	8	7	<-2	9	(0	4	10	2	9	3	2	(0	6	-1	11	13	13
1672.721	9	7	-	9	(0	3	10	4	9	2	3	-	6	0	12	14	10
1674.701	9	6	-	9	-	3	10	3	9	0	3	-	3	1	10	14	15
1675.702	7	5	-	10	-	0	10	1	9	1	2	-	3	-1	9	14	15
1676.702	7	6	-	10	-	7	11	1	7	1	2	7	3	1	11	13	20
1677.691	7	6	-	11	-	2	11	3	5	1	0	(0	3	2	10	12	20
1682.668	7	-	-	-	-	2	-	-	-	-	-	-	-	-	-	13	22
1682.674	6	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	22
1682.702	9	6:	-	9	-	6	10	6:	3:	-1	1	-	-	-	8	11:	22
1700.683	5	7	-	6	-	7	10	1	-2	-5	0	-	-	4	5	16	20
1702.660	3	8	-	8	-	9	10	1	-4	-7	1	-	8	2	4	17	18
1703.660	0	6	-	6	-	3	11	2	-3	-7	1	-	5	5	5	15	18
1704.668	2	8	-	6	-	10	10	3	0	-7	-1	-	8	2	4	17	19
1705.655	0	9	-	6	-	2	11	3	0	-7	0	-	4	1	4	16	17
1706.654	1	6:	-	7	-	6	12	1	-4	-	-3	-	5	4	4	14	17
1707.663	1	8	-	-	-	1	14	3	-2	-	0	-	2	1	5	13	16
1708.659	0	6	-	5	-	8	10	2	-3	-7	1	-	3	-1	4	14	16
1709.666	0	8	-	6:	-	1	9	2	-3	-7	3	-	2	1	6	16	16
1941.948	0	1	30	2	-3:	14	9	16	2	14	15	-	8	8	2	9	1
1941.971	-1	0	32	1	-	14	9	13	1	12	14	-	9:	6	1	8	0
1942.955	0	0	33	2	-2	2	12	16	2	12	14	-	9	6	1	8	3
1942.985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1943.948	0	-1	33	3	-2	15	6	14	1	11	14	-	9:	6	1	7	1
1943.971	-1	1	32	2	-3:	14	5	12	1	12	14	-	9:	4	1	10	<0
1947.945	-1	1	31	-	-	14	11	13	-4	9	14	-	7	1	0	9	(0:
1970.911	0	6	31	8	-	1	10	5	-5	-4	4	-	8	1	3	9	(0
1971.892	-2	6	31	9	-7	16	11	3	-7	-4:	4	-	8	1	3	10	<0
1997.860	0	4	15	-	-	7	12	-1	-9	-	4	-	6:	5	4	12	-
1998.792	0	4	12	9:	-	2	11	-2	-8	-	2	-	8	-1	4	9	-
1998.817	1	4	13	8	-	7	12	3	-	-	3	-	8	2	4	10	-
1998.851	0	4	12	8	-	3	10	3	-	-	2	-	8:	6:	3	9	-
1998.875	1	4	13	10	-	3	10	3	-	-	3	-	8	4	4	10	-
1998.773	0	4	11	8	-	3	10	7	-	-	3	-	5	0	3	9	-
1999.798	1	4	12	8	-	2	12	6	(-7	-	2	-	-	2	4	6	-
1999.829	0	3	12	9	-	1	12	5	-	-	2	-	4:	2	4	9	-
2000.766	0	3	11	9	-	8	10	6:	-	-	2	-	-	0	4	9	-
2000.791	0	4	12	4	-	2	12	4	-	-	0	-	8	-	3	6	-
2000.825	0	3	10	8	-	8	13	2	-	-	3	-	5	6	4	10	-
2000.852	1	3	10	-	-	3	-	0	-	-	2	-	8	4:	5	10	-
2001.762	1	4	10	9	-	4	6	6	<-8	<-7	3	-	9	6	5	8	-
2001.787	1	5	9	9	-	2	6	3	<-9	<-7	4	-	10	7	6	10	-
2001.817	0	4	9	7	-	2	6	3	<-9	<-7	4	-	8	6	4	10	-
2001.841	1	5	8	8	-	1	6	4	-	-	3	-	8	3	6	9	-
2001.867	1	4	9	8	-	10	8	3	-	-	4	-	8	2	6	8	-
2002.752	1	6	6	8	(-7	8	12	4	<-10	-	4	-	10	7	6	8	-
2002.773	1	5	8	8	-	10	12	3	-10	-	5	-	9	7	5	8	-
2002.802	1	4	7	8	-	7	13	2	-10	-	4	-	8	5	4	8	-
2002.827	0	6	8	7	-	4	11	1	-	-	-	-	-	-	5	7	-
2002.833	1	7	7	5	-	2	12	3:	-	-	-	-	-	-	4	7	-
2002.850	1	5	7	6	-	4	12	3	-	-	2	-	9	0	5	10	-
2002.875	1	5	6	5	-	2	12	6	-	-	3	-	7	1	4	9	-
2029.706	-1	8	0	3	-	5	12	4	-10	-	4	-	7	1	8	14	-0:
2029.799	0	6	0	2	-	1	11	3	-9	-	3	-	8	1	7	12	-
2031.753	0	6	-	3	-	2	11	4	-9	<-7	3	-	6	1	8	14	-1
2031.778	0	6	-	3	-	2	10	3	-9	-	3	-	8	1	9	12	-
2035.701	0	7	(0	5	-	3	11	3	-10	-	3	-	6	1	6	12	0:
2058.674	0	6	(0	7	-	14	-	9	-7	-	3	-	9	5	1	12	-
2059.711	0	7	(0	6	-	3	11	13	-9	-	4	-	8	4	2	15	-
2060.683	1	6	-	6	-	12	12	12	-9	<-5	3	-	8	5	4	14	-
2060.708	0	5	-	7	-	12	14	16	-10	-	3	-	9	5	2	11	-
2061.669	0	8	-	9	-	3	11	9	-10	-	2	-	9	5	6	10	-
2061.710	0	7	-	8	-	4	12	15	-10	-	2	-	7	3	5	10	-
2062.668	1	5	-	6	-	14	11	10	-8	-	2	-	10	5	5	10	1

J. D.	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
243...																	
2062.694	1	7	—	6	—	13	12	14	—8	—	4	—	9	3	6	11	—2:
2062.717	2	6	—	8	—	10	11	14	—9	≤—1	2	—	9	4	6	10	—
2063.674	0	6	—	7	—	8	11	13	—9	—	3	—	10	3	5	12	—
2063.708	1	7	—	8	—	6	11	18	—7	—	4	—	9	3	6	12	—
2088.639	0	7	—	8	—	16	1:	10	10	—	—	—	7	—	10	15	—
2290.987	0	—2	—	4	—	4	6	10	(0	—	—	—	—	—	—2	15	—
2349.846	0	0	—	9	—	5	12	1	24	—	5	—	8	1	3	16.	2
2349.871	1	—2	(—5	9	—	8	14	2	26	—	4	—	7	1	3	14.	3
2349.902	0	—1	—	6	—	3	11	2	25	—	2	—	7	1	3	14.	0
2349.927	1	—2	—	9	—	2	10:	2	28	—	3	—	6	0.	5	14.	0
2350.814	1	—3	—	4	—	14	12	0	28	—	2	—	4	2	3	14.	2
2350.923	1	—2	—	6	—	8	13	2	29	—	2	—	5	0	2	13.	2
2387.747	1	3	—	9	—	2	11	1	18	—	3	—	7	1	1	14	5
2387.770	1	2	—	6	—	2	15	5	19	—	2	—	9	1.	2	14	5
2387.799	1	2	—	7	—	2	12	15	20	—	3	—	6	1	0	13	6
2387.821	0.	2	—	6	—	3	12	16	17	—	4	—	9	1	1	14	5
2388.744	2	3	(—7	8	—	17	10	1	17	—	3	—	7	2	0	13	6
2388.777	2	3	(—7	9	—	16	11	11	17	—	3	—	10	1	0	13	5
2388.811	1	3	(—7	9	—	11	12	19	18	—	3	—	8	0	1	15	5
2413.694	3	4	(—3	7	—	7	12	18	3	—	1	—	9	1	1	10	3
2413.726	3	4	≤—6	7	—	5	13	14	3	—	2	—	8	—0.	3	9	3
2413.748	3	4	—	6	—	4	11	11	1	—	1	—	9	—2	2	10	3
2414.689	4	5	≤—4	4	—	10	11	18	2	—	3	—	9	0	4	10	4
2414.719	4	6	≤—4	4	—	17	10	13	3	—	3	—	9	—1	3	10	3
2414.744	4	4	—	5	—	17	12	9	3	—	3	—	8	0	4	10	3
2415.676	4	4	—	5	—	8	8:	20	1	—	3	—	9	0	4	9	3
2415.699	3	5	—	6	—	7	10	16	3	—	2	—	10	—0.	4	8	—
2415.730	4	3	—	6	—	4	10	9	1	—	1	—	—	—0.	—1	9	—
2415.749	—	—	—	5	—	3	11	7	0	—	4	—	8	—0.	2	8	—
2416.672	4	3	—	7	—	4	10	19	2	≤—4	4	—	8	—0.	2	9	—
2416.695	4	4	—	6	—	11	11	12	2	—	3	—	8	—0.	2	9	4:
2416.730	4	3	—	5	—	17	12	10:	2	—	3	—	—	0	2	13	—
2416.753	4	2	—	5	—	16	10	7	0	—	—	—	8	5	4	13	—
2417.670	4	4	—	7	—	7	12	16	1	—	3	—	9	0	0	12	—
2417.702	3	4	—	7	—	8	13	11	2	—	3	—	7	1	2	11	4
2417.735	4	5	—	7	—	6	11	6	3	—	3	—	7	5.	0	12	4
2438.659	1	1	—	8	—	3	11	6	—4	10	2	—	9	5.	5	11	—
2438.683	2	4	—	7	—	9	11	3:	—6	9	4	—	7	6.	6	12	—
2705.874	4	—1.	—	3	—	5	12	0	≤—8	(—3	2	—	3	4	2	12	11
2705.898	4	—1.	—	3	—	3	10	3:	—	(—4	—	—	2	1	3	12	11
2706.836	5	—2.	—	3	—	17	11	0	—7	—	3	—	0	5:	2	11	11
2706.916	5	—4	—	3	—	16	13	5	—10	—	3	—	4	2	2	10	11
2706.945	5	—2.	—	7	—	13	11	22	—9	(—4	—	—	0	3	2	13	9
2736.785	7	—1	(—2	5	(—3	6	13	20	(—7	22	1	—	11	1	4	16	3
2736.821	8	—0.	—	8	—	11	12	13	(0	22	—2	—	10	0	4	15	5
2736.855	7	—0.	—	8	—	16	12	12	—	21	0	—	7	0.	3	14	5
2737.725	7	—0.	—	5	—	7	9	7	—	18	0	—	5	0	5	14	4:
2737.759	7	—0.	—	6	—	4	11	22	—	19	0	—	8	—1	2:	14	8:
2737.790	7	—0.	—	5	—	4	11	18	—	20	—1	—	8	—2	2	15	7:
2737.822	7	—1	—	5	—	2	12	12	—	19	2	—	5	—1	1	14	4
2737.857	7	0	—	8	—	2	11	10	—	20	0	—	7	2	1	14	4
2739.728	7	—1	—	7	—	8	10	20	—	18	—1	—	9	—1	2	17	4
2739.759	7	—1.	—	8	—	7	12	17	—	18	0	—	10	0:	2	15	3
2739.791	8	—0.	—	8	—	7	12	12	—	20	1	—	9	—2	1	12	3
2739.822	7	—2	—	8	—	6	12	8	—	20	0	—	9	6	—1	13	4
2739.845	7	—1	—	8	—	4	14	7	—	19	1	—	8	9	0	17	2
2739.867	5	0	—	8	—	4	12	5.	—	19	0	—	8	7	2	16	3
2740.716	8	—0.	—	8	—	3	10	15	—	18	1	—	8	0	0	12	4
2740.753	7	—0.	—	7	—	2	11	20	—	18	3	—	8	—1.	3	15	4
2740.786	7	—2	—	8	—	2	11	11	—	19	1	—	9	3	1	17	3
2740.818	7	—2	—	8	—	10	12	11	—	18	0	—	7	9	2	15	3
2740.844	7	—0.	—	8	—	16	11	7	—	18	1	—	8	7	1	14	0:
2740.861	7	—2	—	7	—	15	11	5	—	18	2	—	7	5	1	13	—

J. D.	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
243...																	
1672.697	10	8	14	-1	6	0	-3	4	7	-5	4	1	(-8	12	6	5	8'
1672.721	9	8	14	4	8	2	-2	3	8	-4	2	9	(-8	13	4	3	10'
1674.701	10	7	3	3	8	3	-2	5	7	-5	5	1	(-8	12	3	8	7
1675.702	10	7	5	0	8	1	-2	7	6	—	2	0	(-8	12	4	12	9'
1676.702	10	6	12	-2	7	1	-1	5	5	-6	3	1	—	12	4	18	10'
1677.691	10	6	16	-3	8	-3	-3	5	4	—	10	0	—	11	3	4	9
1682.668	—	—	—	5	—	—	—	—	—	—	—	—	—	10:	2	—	8
1682.674	—	6:	—	—	6	8	—	—	4	5	—	2	—	—	11	4	4
1682.702	8	6:	3	-10	9	-3	0	4	6	—	3	-2	—	11	4	3	8
1700.683	—	5	12	4	8:	—	—	5:	—	—	2	6	—	11	3	18	6'
1702.660	3	4	1	1	8	-8	-1	8	(-3	≤ -6	2	2	—	10:	2	5	7
1703.660	2	3	8	-6	5	-9	-1	7	(-5	—	2	0	—	10	4	5	6
1704.668	1	4	15	-5	7	-9	-3	8	—	—	5	-1	—	10	4	10	6
1705.655	3	4	2	-8	8	-9	-3	5	—	—	11	-2	-10	10	3	16	7
1706.654	2	2	2:	-8	8	—	-2	6	—	—	0	4	-8	10	3	2	6
1707.663	2:	0	3:	-9	8	—	—	5	—	—	2	5	—	9	5	2	5
1708.659	1	7	11	-12	8	≤ -10	-4	3	—	—	2	2	-6	9	5	4	5
1709.666	1	3	14	-12	9	—	-4	2	—	≤ -7	9	0	-6	8	3	7	6
1941.948	0	-2	16	-13	8	—	5	-3	—	-2	2	-1	0	2	0	18	5
1941.971	0:	-1	12	-14	8	—	4	-2	—	—	0	-1	5:	2	1	13	5
1942.955	-1	-1	4	-15	5	-10	5	-5	≤ 0	4	5	6	4	2	-1	4	5
1942.985	—	—	—	-10	—	—	—	-5	—	—	4	5	5	—	—	6	5
1943.948	0	0	2	-13	0	-8	6	-4	—	4:	10	6	8	1	-3	4	3
1943.971	-1	0	3	-4	0	-10	6	-4	—	3:	6	5	9	0	-2	3	3
1947.945	0:	-4	3	2	—	—	12	-5	—	—	7	0:	10	0	-3	3	2
1970.941	0	≤ -4:	6	-2	6	—	8	-3	12	—	3	6	25	2	-2	17	5
1971.892	-2	≤ -4	2	0	9	—	6	0	13	—	5	2	25	0	-2	3	5
1997.860	0:	≤ -4	0	3	9	—	0	2	35	—	2	7	25	7	1	4	6
1998.792	—	—	3	-15	7	—	1	1	32	—	5	5	27	10	4	12	5
1998.817	0:	-6	3	-6	8	-8	1	2	34	—	6	4	24	10	0	14	6
1998.851	0:	-2:	3	3	6	—	1	2	33	—	5	3	25	10	2	9	6
1998.875	2:	-3:	3	2	6	—	1	3	33	—	5	3	23	10	0	10	5
1999.773	—	—	10	-15	6	—	2	3	32	—	1	5	19	10	2	3	5
1999.798	—	(-3	8	-7	6	—	—	2	33	—	-2	2	19	11	5	2	7
1999.829	—	—	9	3	7	—	2	4:	33	—	-3	2:	20	9	1	6	7
2000.766	—	≤ -3	11	-12	5	—	1	3:	35	—	0	3:	21	10	5:	4	7
2000.791	—	≤ -3	14	1	6	—	0	3	34	—	-1	0	24	10	3	3	6
2000.825	—	≤ -5	16	0	6	-7:	0	3	34	—	1	0	23	6	2	4	5
2000.852	-3:	-4:	13	-4	6	—	1	3	35	—	-3	0	22	8	3	3	6
2001.762	-3	-4	2	-1	8	-9	1	4	35	—	3	1	20	10	2	5	5
2001.787	-3	-3	2	4	8	-9	1	2	33	—	3	-1	22	9	3	5	7
2001.817	-2:	≤ -4	2	1	8	-8	1	3	33	—	6	0	21	8	2	5	5
2001.841	-4	-3	2	-7	5	-8	-2	3	33	—	4	-2	22	9	2	4	6
2001.867	-4	-4	2	-7	5	—	-1	3	33	—	5	-2	25	7	0	6	7
2002.752	-3:	-3:	3	1	6	—	1	4	33	—	4	-1	24	8	2	14	6
2002.773	-3:	-2	2	1	7	—	-1	3	33	—	7	0	23	7	3	11	6
2002.802	-4:	-3	2	0	8	—	-1	2:	32	—	9	-1	23	7	2	9	7
2002.827	—	—	2:	-2	8:	—	—	2	32	—	5	—	22	7	2	5	7
2002.833	—	—	—	-6	6	—	—	3	32	—	4	—	21	7	1	5	6
2002.850	-1	—	4	-6	7	-10	0	2	33	—	5	-2	23	7	1	6	6
2002.875	-2	≤ -4	3	-7	8	—	0	2	32	—	3	-1	23	8	2	3	6
2029.706	0	0	4	4	6	-5	1	5	32	—	5	0	14	0	3	5	4
2029.799	0	0:	2	-8	6	-5	-1	6	32	—	1	-1	13	4	5	3	4
2031.753	0	-3	9	-8	8	-3	-1	2	30	—	3	0	12	6	4	10	5
2031.778	0	0	7	-12	8	-2	0	1	30	—	0	6	11	6	8	8	4
2035.701	0	1	10	-10	9	-2	0	6	30	—	3	1	12	4	8	7	4
2058.674	0	0	9	-5	8	4	0	5	16	—	0:	0	-1	8	3	3	6
2059.741	0	0	15	-9	8	7	-2	6	16	—	2	6	0:	7	3	6	7
2060.683	0:	-1	2	-9	8	6	-2	4	17	—	3	5	—	7	—	11	6
2060.708	3:	0	2	-10	9	7	0	5	16	—	3	4	—	6	2	13	8
2061.669	-1	0	3	-9	8	8	0	4	15	—	10	4	—	4	2	2	8
2061.710	0	0	3	-10	5	7	-1	6	13	—	9	0	-5	6	6	15	9
2062.668	0	2:	5	-11	7	9	-4	5	13	-6	2	3	-5	5	3	4	8

J. D.	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
243...																	
2062.694	0	2	5	-10	7	9	-3	4	14-6:		1	0	-7	7	2	5	9
2062.717	0	0	3	-12	8	6	-4	3	13-6:		1	-1	-6	8	4	3	8
2063.674	-1	-1	12	-10	9	7	-3	5	14	-	3	-2	-7	6	3	5	7
2063.708	2	0	12	-11	9	9	-3	3	14	-	2	0	-6	7	5	4	6
2083.639	-	0	7:	-12	7	10	-	2	< 3	-	2	3:	-	7	0	6	5
2290.987	-	-	6:	-	8	8	-	3:	< 3	-	2	-	-	4:	4	4	6
2349.846	3:	7	8	-14	8	20	6	2	3:-		3	-2	-	4	1	16	6
2349.871	4:	5	8	-15	9	20	6	3	3:-		2	-2	-	2	3	13	3
2349.902	-	5	7	-13	8	17	8	5	-	-	2	3	-	2	2	12	5
2349.927	-	4	6:	1	8	16	7	4	-	-	3	7:	-	3	0	11	3
2350.814	2:	4	16	-15	9	17	8	0	-	-	8	-1	-	4	4	3	3
2350.923	2:	3	10	5	6	16	10	1	-	-	5	4	-	5	2	15	2
2387.747	3	3	2	-6	5	7	3	0	20	-	0	3	-	1	3	16	4
2387.770	-	4	5	-9	7	6	2	0	20	-	0	1	-	3	3	13	5
2387.799	-	5	11	-9	7	7	-	1	18	-	1	1	-	2	0	8	4
2387.821	2	2	12	-11	-	6	3	1	20	-	0	1	-	3	0	12	4
2388.744	4	4	1	-7	8	5	2	1	20	-	2	0	-	1	-2	3	5
2388.777	7	4	2	-10	9	7	1	2	19	-	2	-2	-	2	0	10	3
2388.811	6	4	1	-12	8	6	3	0	16	-	2	0	-	0	-1	15	3
2413.694	5	4	12	-7	5	-2	3	-3	28	-	10	6	-3	5	1	4	0
2413.726	2	7	10	-5	7	-6	3	2	29	-	7	4	-3	5	0	3	-1
2413.748	3	6	8	-12	7	-6	2	1	27	-	4	4	-	4	0	4	0
2414.689	3	8	2	-5	7	-8	3	3	26	-	0	1	-2:	5	-1	6	0
2414.719	4	6	10	-8	7	-6	3	2	29	-	0	0	-0:	4	1	6	-1
2414.744	3	5	13	-9	5	-8	3	5	28	-	2	2	0	2	0	6	0
2415.676	4	3:	3	-8	7	-8	3	4	28	-	1	1	-	2	0	9	-1
2415.699	4	7	3	-7	5	-8	2	0	27	-	2	-1	1	3	1	9	0
2415.730	3	5:	5	-9	7	-	2	2	25	-	0	2	1:	3	0	7	0
2415.749	-	5:	3	-14	7	-	3	-2	26	-	1	0	-	3	-1	7	-1
2416.672	2	6	3	-9	8	-8	2	2	25	-	5	0	1	2	-1	15	0
2416.695	4	-	3	-11	8	-6	4	2	22	-	3	-1	0:	3	1	14	0
2416.730	4	7	3	-14	9	-8	3	-3	23	-	2	0	-	3	0	13	0
2416.753	3:	5:	4	-17	8	-	2	-3	24	-	2	0	-	2	-3	9	-1
2417.670	4	5	10	-8	7	-7	4	4	24	-	9	-1	-	3	3	5	0
2417.702	2	4	8	-12	8	-7	3	0	22	-	8	1	-	2	2	3	0
2417.735	5	3:	7	-16	8	-6	5	-3	22	-	6	0	-	2	2	5	0
2438.659	8	7	2	-3	7	-7	3	-3	16	-	0	-2	10	3	1	7	1
2438.683	7	6:	3	-9	8	-	3	1	16	-	-2	-1	10	2	3	6	0
2705.874	4	-	17	-16	9	-9	2	2	< 2	-	1	2	16	8	3	14	7
2705.898	0	3	14	-12	7	-	-	3	< 3	-	2	-	15	6	2	15	9
2706.836	0	0	3	-19	7	-	2:	4	< 3	-	6	0	15	6	3	3	7
2706.916	2	3	3	6	7	< -9	1	6	< 3	-	7	0	20	7	4	4	9
2706.945	-	2	6	8	7	-	-	4	(3	-	3	-2	18	6	3	5	9
2736.785	3	4	14	3	7	-9	8	4	1	-	4	-2	10	6	1	7	0
2736.821	2	4	10:	0	7	-9	9	1	2	-	2	-2	11	6	4	6	-1
2736.855	2	4	10	-4	8	-8	7	1	2	-	1	-2	12	4	4	4	0
2737.725	-	3	1:	-10	8	-	9	1	4	-	12	-2	8	4	4	14	-1
2737.759	3	3	2	8	7	-8	3	1	3	-	10	-1	10	5	3	13	0
2737.790	2	3	2	6	8	-8	9	4	4-6:		7	-2	9	4	2	7	-2
2737.822	1	3	12	-1	9	-	8	-1	4	-	4	5:	9	2	3	8	-1
2737.857	1	3	15	-8	8	-	8	3	4	-	3	6:	9	4	2	7	-1
2739.728	2	3	4	7	8	-8	8	-2	4	-	1	6	9	4	3	5	-2
2739.759	3	3	4	0	8	-8	9	1	2	-	1	5	8	4	3	5	0
2739.791	0	3	5	-3	7	-8	8	0	3	-	0	2	9	4	0	5	-1
2739.822	1	3	2	-5	7	-	8	3	3	-	0	3	9	3	1	10	-2
2739.845	3	3	2	-8	7	-8	8	2	3	-	0	0	8	2	1	13	-2
2739.867	3	3	1	-10	5	-	9	1	3	-	-1	0	8	4	1	17	0
2740.716	2	3:	11	8	6	-9	10	2	3	-	3	3	8	2	1	4	-1
2740.753	2	3:	10	2	8	-8	8	2	3	-	2	4	8	2	3	5	-1
2740.786	3	3:	6	-2	8	-9	7	3	2	-	2	-1	8	1	2	7	-1
2740.818	2	3:	6	-7	9	-9	7	1	2	-	0	0	7	2	2	5	-1
2740.844	1	3:	6	-9	8	-9	7	0	2	-	0	-2	7	2	3	6	-2
2740.861	-	3:	3	-9	8	-	7	1	2	-	-1	0	8	3	2	3	-1

J. D. 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136

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1672.697	0	4	4	5	6	8	2	0	8	17	5.	5	9	3	4	-1	2
1672.721	-1	4	3	5	6	7	2	0	8	15	6	8	10	2	3	2	4
1674.701	1.	4	4	4	7	6	2	5	0	10	5.	7	7	3	3	2	3
1675.702	2	4	5	3	6	7	3	-2	4	16	5	5	5	2	1	3	5
1676.702	2.	4	6	3	8	8	1	6	2	15	1	7	7	2	4	3	4
1677.691	3	3	6	4	7	7	3	1	7	14	5	7	3	3	4	1	4
1682.668	-	2	3:	-	-	8	-	2	-	15	-	-	3	-	-	-	-
1682.674	-	4:	-	-	7	8:	-	2	-	-	-	-	2	-	5:	5:	-
1682.702	-	-	2	1	6	8	2	0	2:	16	5	4	3	12	3	5	-
1700.683	0	2	3	3:	5	14	2	5	3:	13	-	-	9	9	4	3	2
1702.660	3	1	-1	0	8	15	2	1	4	16	6	6	14	4	4	0	3
1703.660	3	3	-2	-2	8	15	3	3	8	14	5	8	9	2	6	2	3
1704.668	4	2	-2	-3	7	14	2	-4	10	15	2	7	12	2	5	1	2
1705.655	6	3	0	-1	7	11	1	2	3	15	5	6	10	2	5	2	4
1706.654	6	4	-2	0	6	10	1	-4	4:	14	5	-	12	13	4	3	1
1707.663	5	3	-1	-3	-	7	3	2	4	14	3:	-	12	17	3	-	2
1708.659	2	3	0	-2	-	8	1	0	2	18	6	9:	13	17	2	2	2
1709.666	2	2	-3	-0.	7	6	2	2	5	17	4	6:	14	14	1	1	4
1941.948	6	0	18	12	15	18	-4	-3	8	18	0	3	14	17	6	1	8
1941.971	6	0	18	13	12	16	-3	-2	6	18	0	-	14	18	3	1	6
1942.955	7.	0	17	16	10	16	-2	7	10	14	6	4.	14	16	3	3	8
1942.985	7	0	16	18	-	-	-	-	-	-	-	-	-	12	-	-	7
1943.948	8	0	15	16.	13	16	-1.	0	0	11	6	6	14	12	3	3	8
1943.971	7	0	14	16.	12	14	0	2	0	12	4	6	13	8	5	6	7
1947.945	4:	1	12	15	-	15	-1	6	3	19	-	-	14	6	3	5	3
1970.911	4:	2	0	7	12	6	1	0	2	16	3	6:	10:	16	6	4	7:
1971.892	5	3	0	5	13	7	1	3	7	20	6:	4	13	12	3	3	5:
1997.860	6	2	29	3	-	12	1	3	0:	16	4:	8	14	16	4	4	1
1998.792	6	2	0	3	13	13	1	0	10	19	6	8	14	18	4	3	1.
1998.817	5	2	12	2	13	13	2	2	8	15	6	5	14	16	3	4	1
1998.851	2:	3	27	3	10:	9	2	0	3:	16	6	-	14	10	2	4	1
1998.875	4	3	20	3	10	9	3	0	2	15	5	-	14	13	4	4	1
1999.773	3	2	-1	2	18	15	0	0	5	14	2:	-	12	18	3	5:	1
1999.798	3	2	4	2	16	13	2	0	1	14	3:	-	16	15	3	4	1
1999.829	2	2	33	2	15	14	2	2	6	15	4:	9	14	13	3	6	2
2000.766	3	2	3	2	18	14	3	3	2:	16	5	-	14	15	2	4	2
2000.791	1	3	7	2	16	13	1	5	7:	16	6	-	15	12	4	4	1
2000.825	3	2	33	4	13	11	3	2	1:	17	5	-	14	8	4	6	2
2000.852	0.	2	20	2	-	10	3	0	1	15	5	10	14	5	2	5	0
2001.762	0.	3	1	1	21	13	2	-1	5	16	4	7	14	12	3	3	1
2001.787	2	4	9	2	17:	12	2	-3	1	16	4	5	15	10	3	1	1
2001.817	1	2	30	2	17	14	1	-1	2	15	5	7	14	9	7	3	2
2001.841	0	2	21	1	10	10	1	-1	1	16	4	6	14	7	3	2	1
2001.867	3	3	14	1	8	10	0	3	1	16	5	6	14	8	4	3	1
2002.752	0	3	0	1	18	13	0	1	4	13	1	8	14	9	4	3	1
2002.773	1	2	10	1	17	15	0	3	4	16	1.	7	14	7	3	2	2
2002.802	1	3	27	2	16	14	0	3	2	17	1	5	14	5	3	3	1
2002.827	-	1	23	-	15	12	-	2	-	17	-1:	3:	12	8	-	-	1
2002.833	-	3	17	2	11	13	-	3	-	17	1:	-	13	4	2	4	-
2002.850	0	1	15	2	10	8:	0	2	1	16	2	-	12	4	3	3	2
2002.875	2	2	7	3	8	7:	0	1	0	16	2.	-	15	4	3	4	2
2029.706	0	5	4	0	18	10	0	2	8	16	4	6	12	11	3	3	7.
2029.799	0	5	0	0	6	15	0	-3	4:	15	5	5	12	9	4	4	2
2031.753	0	5	3	-1	12	14	1	2	7	16	5	4:	12	8	4	3	2
2031.778	0	6	-3	2	10:	14	1	-3	8	16	3	4	12	7	3	4	2
2035.701	0	5	3	2	18	14	0	0	4	16	4	5	12	7	5	4	2
2058.674	-2	5	-1	5	20	7	1	-3	3	16	4:	6	14	11	5	4	12
2059.711	-1	5	17	7	15	6	0	1	2	16	3:	9	14	7	4	4	8
2060.683	-2	5	4	7	15	3	0	0	8	17	5	8	14	9	4	0	9
2060.708	-2	2	25	7	14	5	-2	-1	6	15	6	7	15	9	3	0	7
2061.669	3	4	2	8	15	7	-3	0	6	15	5:	-	14	6	3	3	6.
2061.710	-1	5	28	7	11	6	0	-1	6	15	4.	10	15	7	3	4	5.
2062.668	-2	3	4	7	17	7	0	2	10	15.	6.	5	14	6	6	2	6

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J. D.	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136
243...																	
2062.694	-2	6	27	8	14	8	0	3	8	17	5	7	12	6	5	2	6
2062.717	-1	4	24	8	13	7	0	-3	7	16	4	7	14	6	3	3	6
2063.674	-1	6	26	8	14	9	0	-3	3	17	1	—	14	-1	3	0	6
2063.708	1	6	24	10	8	11	0	-2	4	16	2	6	14	-2	3	3	5
2088.639	1	4	3	18	14	11:	—	4	—	15	5:	8:	8	12	0	6	2
2290.987	—	4	—	4	4	15	0	-2	2:	16	—	—	14	10:	2	—	2
2349.846	0	1	23	2	4	14	1	6	4	14	5	—	12	10	3	0	3
2349.871	2	2	20	1	4	11	0	3	3	14	5	6	14	8	7	2	6
2349.902	2	1	10	0	4	9	0	1	—	14	7	—	11	0	5	4	13
2349.927	1	1	8	0	—	7	0	1	0	14	—	10:	10	2	0	1	10
2350.814	2	0	24	2	5	15	0	1	10	17	2:	3:	10	9	3	3	1
2350.923	3	2	6	1	6	7	1	-3	4	16	4:	8	8	2	3	3	10
2387.747	2	3	-3	15	8	15	2	0	6	16	15	5	14	11:	2	3	1
2387.770	3	2	-1	14	5	14	0	4	4	16	4	6:	12:	10	4	2	4
2387.799	3	2	0	13	6	13	-2	6	3:	16	4	8	12	12	2	—	8
2387.821	3	2	6:	16	5	13	-2	6	5:	14	6	7:	14	9	3	4	12
2388.744	6	3	0	17	4	14	0	4	8	16	5	6	14	9	2	3	2
2388.777	7	3	0	17	5	14	1	3	8	16	5	7	14	4	2	3	9
2388.811	6	3	2	16	6	13	-2	-3	7:	16	7	2	14	7	2	3	12
2413.694	2	5	25	12	6	11	2	0	7	16	6	4	9	18	4	3	3
2413.726	3	4	28	8	7	15	1	2	6	15	3	—	9	18	4	1	2
2413.748	3	2	20	8	6	15	2	4	6	15	2	8:	8	17	4	0	1
2414.689	3	3	30	9	8	9	2	4	10	16	6	6	12	18	2	4	3
2414.719	5	1	24	11	8	10	1	4	8	16	3	5	11	16	0	4	1
2414.744	5	4	15	9	8	12	0	-1	8	15	4	9	10	15	1	3	2
2415.676	3	1	27	13	5	12	0	-2	1	16	4	2	12	14	3	4	3
2415.699	5	3	25	10	4	13	0	-2	≤0	16	4	6	10	12	3	4	2
2415.730	3	2	17	9	5	13	1	-1	≤0	13	4:	7:	9	12	3	3	1
2415.749	3	3	12	11	4	15	1	0	6:	16	—	—	8	8	2	3	1
2416.672	6	3	28	11	6	10	1	5	0	17	6	3	10	11	2	3	1
2416.695	5	2	25	10	7	10	0	3	≤0	16	6	3	9	10	2	3	1
2416.730	6	3	8	11	5	15	2	0	0:	16	5	—	10	12	3	4	1
2416.753	6	2	5	9	—	15	2	1:	5:	15	4	8:	8	8	—	—	0
2417.670	5	4	27	11	5	15	1	3	0:	16	2	5	10	10	3	5	1
2417.702	2	4	16	13	6	15	0	1	—	16	3	5:	10	10	3	4	1
2417.735	2	2	9	12	6	15	2	-1	3:	16	1	8	10	8	6	6	0
2438.659	4	3	3	8	5	12	1	1	7	16	5	9	14	9	6	4	8
2438.683	4	1	0	9	7	15	0	1	6:	15	4	6	13	10:	3	6	6
2705.874	3	4	17	12	11	7	0	-1	0:	15	5	10	13	11	5	6	5
2705.898	3	3	15	12	22	7	—	-3	—	16	4	—	12	12	3:	—	3
2706.836	5	6	24	13	5	6	2	4	5	16	3	8	13	5	2	5	6
2706.916	6	7	12	14	22	9	2	3	3	16	4	9	14	7	4	7	4
2706.945	6	6	10	13	17	12	2	3	2	15	5	8:	14	6	6	—	2
2736.785	5	0	2	17	3	13	0	-2	4	16	5	4	13	3	3	2	11
2736.821	4	0	-1	18	14	10	0	-4	2	15	5	5	13	3	5	3	8
2736.855	5	0	2	17	25	6	0	3	2:	15	4	6	13	5	3	4	6
2737.725	5	0	-1	17	6	13	-2	1	4	13	4	6:	13	5:	3	3	12
2737.759	6	0	-2	18	5	14	0	3	3	14	5	5	13	2	1	3	10
2737.790	5	0	-2	17	3	13	-3	6	2	15	5	6	13	0	0	3	8
2737.822	5	1	0	17	16	9	-3	-3	3	14	4	5	13	2	2	3	5
2737.857	6	1	-3	15	24	7	-2	-2	2	16	5:	5	13	2	4	4	4
2739.728	4	0	-3	16	6	12	-2	-4	8	18	6	4	13	1	2	2	9
2739.759	6	2	0	16	5	13	1	-1	7	16	6	4	13	2	6	2	8
2739.791	4	0	-1	15	4	9	—	3	4	14	4	6	13	1	3	3	6
2739.822	5	-2	-3	17	18	7	1	3	5	17	7	3	13	0	6	0	5
2739.845	4	0	-2	17	23	6	-2	5	2	15	4	4	13	0	4	3	4
2739.867	—	-2	-3	17	20	7	-2	4	3	15	5	4	13	1	2	1	4
2740.716	5	-2	-1	16	4	16	-4	5	9	14	4	3	13	1	1	3	9:
2740.753	5	0	-3	15	3	15	0	5	14	18	4	5	13	4	2	0	8:
2740.786	4	1	-4	15	3	7	—	3	10	15	4	4	13	1	3	1	6
2740.818	5	-2	-1	16	14	8	1	-1	8	16	4	4	13	1	5	0	5
2740.844	3	-2	0	16	22	6	1	-2	6	16	4	5	13	8	6	3	4
2740.861	3	0	-2	16	19	7	-2	-3	3	15	6	4	13	17	5	3	3

J. D.	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153
243...																	
1672.697	7	12	4	(-7	-6	0	1	11	7	11	8	5	-8	7	8	-2	15
1672.721	7	9	4	(-7	-6:	0	2	17	8	11	8	4	-8	8	8	-2	15
1674.701	9	4	(-5	(-7	-7	0	1	7	8	12	8	2	-10	6	8	-1	15
1675.702	13	8	6	(-7	-7	-1	1	6	8	9	8	2	-10	6	10	0	15
1676.702	9	4	5	(-7	-7	-2	0	9	6	9:	8	2	-10	7	9	1	14
1677.691	5	3	(-5	(-7	-7	-2	4	15	7	9	8	0	-	7	7	0	11
1682.668	-	-	-	(-7	-	-	-	-	-	-	-	0	-	-	-	-	10
1682.674	-	-	-	(-7	-	-3:	-	14	6	-	-	2	-	-	-	-2	9
1682.702	-	10:	-	(-7	-	-3	-4	8	5	-	8	2	-	8:	9	-2	10
1700.683	-	8	5:	(-7	-	-	4:	6	6	7:	-1	1	-	8:	5	-2	4
1702.660	6	5	4	(-7	-	-3	0	6	6	12	-2	1	-10	8	9	-1	4
1703.660	4	7	4	(-7	(-7	-4	-4	5	6	12	-1	1	-10	9	9	1	6
1704.668	4	5	3	(-7	(-7	-2	0	15	8	8	-1	0	-10	9	9	-3	9
1705.655	5	4	3	(-7	(-7	-3	-3	8	6	12	0:	-1	-10	9	8	-2	8
1706.654	4	6	5	(-7	-	-2	0	5	8	8	0:	-1	-10	7:	10	-1	6
1707.663	6:	7	-	(-7	-	0:	3	6	6	9	0:	-1	-	8	8:	3:	5
1708.659	6	5	3:	(-7	-	0	-4	8	5	9	-1	-0:	-	7	10	1	7
1709.666	5	5	4	(-7	-	-3	9	10	5	7	-1	-1	-	8	8	-1	8
1941.948	5	11	4	1:	(-7	0	-4	10	6	12	10	5	-8	7	10	-3	18
1941.971	6	10	-	1:	-	0	-3	9	9	13	10	5	-8	-	6:	-2	18
1942.955	6	4	4	2	-	1	12	13	6	12	10	5	-8	8	10	-4	17
1942.985	4	3	6	-	-	-	9	10	-	-	-	-	-	-	-	-	-
1943.948	6	4	4	1	-6	2	-4	7	9	14	10	5	-10	6	11	-4	18
1943.971	6	3	3	1	-8	2	-5	14	6	13	8	4	-10	8	8	-4	18
1947.945	12	9	-	1:	-2	6:	-1	10	6	8	9	3	-	6	8:	-	18
1970.911	9:	4	4	-4	12	9	4	7	3	2	8	0	-	-	10	0	13
1971.892	7	3	4:	-6	12	12	0	5	0	1	7	0	-3	10	8	-1	14
1997.860	11	9	-	-	30	8	0	4	5	7	3	-10	5	8:	8	3	6
1998.792	13	2	-	-	28	8	-5	4	9	11	3	-11	6	4:	7	5	8
1998.817	12	3	5	(-5	28	8	-6	6	8	11	2	-11	6	8:	12	2	6
1998.851	10	3	5	-	28	6:	-5	6	6	9	2	-12	6	4	7	3	8
1998.875	9	2	5	(-4	27	6:	-3	6	9	8	2	-11	6	6	11	2	7
1999.773	13	6	-	-	28	-	3	6	4	7	3	-12	8	8	9	2	7
1999.798	14	3	5	-	28	4:	-1	6	4	6	3	-12	8	-	8	2	8
1999.829	14	4	-	-	27	-	1	6	4	8	4	-11	8	-	10:	2	7
2000.766	8	5	-	-	27	-	-4	13	8	9	-	-12	9	9	8	2	5
2000.791	7	8	-	-	26	-	-5	9	5	10	2	-12	9	-	10	1	6
2000.825	14	8	-	(-4	26	5:	-2	10	7	10	2	-11	9	10	13	2	8
2000.852	12	5	-	-9	26	-	-4	7	7	7	2	-12	8	-	-	2	8
2001.762	8	5	5	-	25	6	-3	6	7	11	0	-12	8	-	9	2	5
2001.787	6	2	4	-	27	6	-4	9	8	13	-2	-12	6	0	9	3	5
2001.817	6	4	4	-	26	6	-4	16	6	14	0	-12	6	0	8	3	6
2001.841	6	4	4	-	26	4	-4	12	6	13	-2	-12	5	-1	9	4	6
2001.867	13	3	4	-	26	4	-4	11	6	11	-1	-12	7	0	7	4	5
2002.752	5	4	-	-9	24	3	-4	5	7	12	-2	-14	6	5	7	3	6
2002.773	5	4	4	-	26	3	-3	4	6	13	-2	-13	8	8	7	3	6
2002.802	6	3	4	-	26	3	-2	5	5	12	0	-14	7	9	8	3	7
2002.827	-	-	-	-	26	-	3	4	5	12	-	-12	6	-	9	3	8
2002.833	-	-	-	-	26	-	5	3	6	12	-	-12	6	-	9	2	6
2002.850	7:	3	4	-	25	3:	8	4	5	11	0	-12	5	8	10	2	6
2002.875	6	4	6	-	25	2	9	7	4	11	-2	-13	8	5	11	0	6
2029.706	5	3	3:	-	2	0	1	6	4	12	-3	-5	9	5	9	-1	8
2029.799	4	3	4:	(-7	1	0	-3	4	4	13	-3	-4	8	-	6	1	8
2031.753	5	-	5	(-7	0	1	-2	7	3	12	-3:	-2	8	8	10	0	8
2031.778	4	6	3:	-	-2	-1	-1	4	3	12	-3:	-2	6	-	7:	1	8
2035.701	7	3	4	-	-1	-1	-1	4	1:	11	-3	1	7	6:	9:	-2	12
2058.674	6	4	4	(-8	(-4	-4	-4	6	5	7	-3	8	3	5	11	2	20
2059.711	7	10	4	(-7	(-3	-	0	9	5	6	-4	9	2	8	10	2	18
2060.683	8	4	-	(-3	(-4	-4	11	6	6	6	-4:	9	3	-	9	2	17
2060.708	7	3	4	-	10	(-4	-5	15	6	6	-3	10	2	-	10	1	18
2061.669	10	4	4	-	(-3	-3	3	4	5	7	-3	10	3	-	10	-1	18
2061.710	9	4	6	-	(-3	(-4	1	5	7	5	-3	10	4	8	9	0	17
2062.668	14	9	5	-	(-3	-6	-5	7	6	7	-4	9	2	9	11	-4	17

J. D.	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153
243...																	
2062.694 11	5·	4	—	(-3	≤-1	-6	4	7	7	—4	9	3	8	7	-4	17	
2062.717 10	4·	4	—	(-3	≤-4	-4	4	7	6	-4·	9	2	8·	10·	-3	18	
2063.674 15	4	4	—	(-3	-5	0	7	6	6	-4	8	4	8	11	-3	18·	
2063.708 13	3	4	—	(-3	-5	-1	5	8	7	-4	7	2	5	9	-2	16·	
2088.639 10	3	—	—	(0	—	-3	4	7	5	—	5	—	10	11	0	16	
2290.987 —	—	—	8	(0	—	1·	5	6	6	—	9	—	4	10·	-2	4·	
2349.846 11·	9	6	2	16	0	-4	8	7	4	—	-6	-2	9	8	3	14	
2349.871 15	8	4	1	19	0	-2	6	6	5	-3	-7	-3	9	12	-1	14	
2349.902 14·	5	5	2	16	—	0	5	8	5	—	-7	(-3	—	9	0	17	
2349.927 12	4	6	—	15	—	-3	6	8	5	—	-6	—	7	10	-1	15	
2350.814 7·	3	—	2	16	-2	10	9	9	2	—	-7	-5	4	9	0	14	
2350.923 15	9·	(-5	-1	17	—	5	7	6	3	—	-7	-6	7	8	2	13	
2387.747 5	5·	5	-2·	6	—	-3	8	8	6·	—	-6	(-6	7	9·	0	17	
2387.770 6	8	4	-6	4	—	-2	8	8	5	—	-5	—	7	11	-2	17	
2387.799 9	6·	6	—	5	—	-5	7	8	5	—	-5	—	6	6	0	17	
2387.821 10	6·	—	3	5	—	-4	5	8	1	—	-3	(-6	7	6	2	17	
2388.744 4	4	4	-8	3	(0	4	10	10	2	-4	-4	—	1	8·	1	16	
2388.777 6	4	5	-3	4	≤-4	1	9	7	5	-3	-5	—	2	7	3	14	
2388.811 8	3	5	-5	3	(-4	0	8	8	5	-3	-4	—	5	7	1	16	
2413.694 4	3	6	-7	≤-5	—	-5	5	7	4	-4	8	—	7	9	-5·	8	
2413.726 6	3	5	-8	(-5	≤-5	-4	6	6	0	—	7	—	5	10	-3	8	
2413.748 11	3	4	-8	≤-5	—	-3	6	4	1	-4	9	—	6	10	0	8	
2414.689 4	8	5	-8	(-5	—	6	8	7	2	-4	9	—	9	11	-1	7	
2414.719 4	6	2	-8	—	—	8	6	7	3	(-4	9	—	—	10	-1	7	
2414.744 5	5	5	-8	≤-5	—	10	6	7	1	—	9	—	7	11	-4	8	
2415.676 5	3	5	—	—	—	-2	10	7	3	—	8	—	7	12·	-1	6	
2415.699 5	7	4·	—	≤-5	—	-4	14	5	1	—	8	—	10	11	0	4	
2415.730 5	10	5·	—	(-5	—	-3	9	7	0	—	8	—	—	9	—	5	
2415.749 4	8	4·	—	—	—	-2	8	5	2	—	8	—	8	8	-3·	5	
2416.672 4	4	3	—	—	—	4	4	6	0	—	10	—	7·	8	-1	6	
2416.695 4	3	—	—	—	—	5	6	7	0	—	8	—	7·	9	0	5	
2416.730 6	3	4	—	—	—	2	9	6	1	—	9	—	8·	10·	-1	4	
2416.753 5	3	—	—	—	—	3	7	4	1	—	10	—	—	—	-2	2	
2417.670 6	5	4	(-5	—	—	-4	4	7	0	—	9	—	8	9	-3	5	
2417.702 6	6	5	(-5	—	—	-4	6	8	1	—	10	—	8	10	-1	5	
2417.735 6	7·	4	(-5	—	—	-4	5	6	2	—	10	—	8	12	-3	5	
2438.659 7	4	4	(-5	—	—	-3	6	9	5	—	8	—	8	11	2	5	
2438.683 7	4	4	(-5	—	—	-5	5	10	6	—	7	—	7	10·	0	5	
2705.874 7	10	6	4	4	—	-4	7	8	11	—	2	—	—	12	2	12	
2705.898 5·	7	—	3	5	—	2	6	8	11	≤-3	3	—	—	10·	0	11	
2706.836 9	2·	5	9	6	—	-1	9	8	10	—	3	—	—	12·	1	11	
2706.916 6	4	5	8	7	—	-4	8	8	10	-4·	0	1	8·	10·	2	9	
2706.945 5	2	4	7	5	—	-5	9	6	10	—	4	≤-6	—	10·	3	8	
2736.785 7	12	5	0	26	(0	-1	8	7	6	(-4	-13	≤-9	8	10	-1·	6	
2736.821 9	10	4	2	25	—	-3	6	5	6	-4·	-14	-10	7	9	-3	5	
2736.855 11	5	4	0	25	—	-4	5	4	6	—	-14	—	8	8·	-2	5	
2737.725 5	5	4	0·	26	-5·	-4	7	5·	5	—	-15	—	5·	6	0	7	
2737.759 5	4	5·	1	25	-4·	-5	7	7	6	—	-14	—	6	7	0	4	
2737.790 5	3	3	0·	25	—	-3	6	6	5	—	-14	—	6·	5	0	4	
2737.822 7·	2	—	1	25	—	1	6	6	5	—	-13	—	6	9	-1	5	
2737.857 10	2	4	0	24	—	9	5	7	6	—	-14	—	6	6	2	3	
2739.728 6	9	5	0	23	—	-5	6	8	6	—	-13	—	6·	8	-2	5	
2739.759 —	11	4	0·	23	—	-5	13	7	5	-4·	-12	-9	5·	7	0	4	
2739.791 —	12	5	0	—	—	4	16	7	6	—	-13	-9	4	8	-2	5	
2739.822 4	10	4	1	22	—	10	10	6	5	—	-13	-8	3	9	-1	5	
2739.845 4	8	2·	0	23	—	9	10	4	5	—	-14	-9	2	9	-1	5	
2739.867 4	7	5	1	21	—	8	7	7	5	—	-14	-9	0	7	0	3	
2740.716 8	4	4	0	20	—	0	5	8	5	—	-13	-9	7	9	0	4	
2740.753 7	4	6	1	23	—	-1	6	8	5	-4	-11	-10	6	6	0	4	
2740.786 6	3	4	0	—	—	-4	5	5	5	—	-13	-9	5	7	0	5	
2740.818 5	4	4	0	21	—	-5	5	5	5	—	-12	-10	6	12·	0	4	
2740.844 4	5	3	0	21	—	-5	9	7	4	—	-12	-9	6	10	0	4	
2740.861 3	7·	5	1	22	—	-3	11	7	4	—	-12	—	6	10	0	4	

J. D., 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170

243...

1672.697	6	0	1	6	3	2	7	6	8	8	2	-2	1	(-10	7	-1	3
1672.721	6	1	0	8	3	1	9	2	11	7	1	-3	1	≤-10	6	-2	3
1674.701	8	7	0	9	3	0	6	1	16	7	0	0	2	—	—	-3	11
1675.702	10	0	0	11	5	1	7	3	15	7	5	0	2	≤-8	9	-2	16
1676.702	11	3	-2	11	6	0	7	6	13	5	0	0	-1	—	0:	-3	7
1677.691	7	9	1	12	5	0	6	5	11	4	1	3	-2	(-8	6	1	5
1682.668	8	7	—	11	—	—	—	—	—	—	—	—	—	—	—	—	—
1682.674	6	1	—	9	—	2	6	—	—	7	4	—	—	—	—	—	4:
1682.702	5	3	1	11	—	0	8	4	13	4	2	4	-2	—	—	2:	3
1700.683	4	2	—	7	4	3	12	3	16	9	2	—	—	—	—	3:	—
1702.660	7	9	1	5	5	1	14	3	15	8	4	6	-2	-6	7	2	18
1703.660	7	0	2	6	6	2	13	5	9	7	0	6	0	-5	6	0	8
1704.668	7	2	0	3	5	1	9	4	7	5	8	7	0	-5	5	2	6
1705.655	7	6	0	4	6	2	12	3	6	7	3	9	1	-3	7.	4	11
1706.654	6	-2	3	3	3	0.	13	-1	5	7	11	8.	2	—	4	3	10
1707.663	7	4	0	2	5	0.	12	0	8	8	5	9	0:	-2	7	4	—
1708.659	8	8	2	3	5	0.	11	7	10	10	5	9	0	-2	8	3	5
1109.666	7	0	1	3	5	1.	12	4	14	8	7	10	4	0	2:	2	9
1941.948	6	5	1	3	3	2	10	4	5	7	1	-2	3	(-8	8	2	7
1941.971	7	-1	1	3	5	—	4	8	-2	7	8	1	-1	6	7:	—	4
1942.955	7	9	0	5	5	-10	6	-1	8	6	8	-3	5	—	3	3	15
1942.985	—	—	—	2:	—	-10	5	4	—	—	7	—	—	(-10	—	—	—
1943.948	6	-2	-3	7	3	2	6	6	6	6	1	0	3	—	8	3	5
1943.971	9	-4	-3	3	7	1	7	5	5	4	2	1	3.	—	9	4.	15
1947.945	9	5	0	2	5	4:	10:	3	15	5	15	2	—	—	—	3.	18
1970.911	5	12	1	5	5	-2	11	3	6	3	10	5	6	—	8	4.	4:
1971.892	6	-2	1	4	7	0	12	7	7	5	1	8	4	—	5	5	7
1997.860	6	0	2	-5	6	0	14	5	5	2	5	8	-1	10	8	7	—
1998.792	8	9	-2	-5	6	3	12	5	5	0	7	9	0	9	4	7	14
1998.817	9	12	1	-7	4	3	13	5	5	-1	10	8	0	10	6	4	0
1998.851	9	9	2	-5	7	0	13	3	8	-1	6	9	0	7	5	2	10:
1998.875	4	12	0	-7	5	4	12	5	10	-1	4	8	-2	7	8.	6	10:
1999.773	7	2	0	-7	7	5	12	6	5	-1	5:	9	—	8	7:	6	5:
1999.798	8	2	—	-7	5	2	14	5	5	-1	2	9	—	8	2	4:	16
1999.829	6	-1	1	-7	7	0:	13	4	11	-1	7	7	—	10	6:	4	19
2000.766	6	5	3	-8	6	5:	12	6	7:	-2	14	6	—	8	6	5	4:
2000.791	8	0	—	-6	5	4	12	4	10	-1.	6	5	—	9	8	6	—
2000.825	6	5	0	-8	5	7	15	3	14	-1.	7	8	-3	10	8	5	8:
2000.852	4	3	1:	-7	6	3	12	-1	15	-1.	2:	7	—	7	6	5	—
2001.762	7	9	2	-6	5	-10	12	-1	10	-0.	1	7	0	10	4	4	7
2001.787	6	8	1	-7	5	-11	14	-4	13	-1.	2	5	0	10	3	5	8
2001.817	5	12	2	-7	3	-11	15	-4	15	-0.	8	6	-3	10	3	5	9
2001.841	5	9	-1	-7	4	-10	10	-4	12	-1	7	5	-2	10	1	6	6
2001.867	7	6	1	-7	5	—	7	12	-3	10	-0.	9	6	10	—	6	5
2002.752	8	-2	0	-8	6	0	11	-2	10	-2	3	6	0	10	7	6	15
2002.773	6	1	1	-8	6	2	14	-1	12	-2	3	6	0	10	9	5	10
2002.802	4	-2	0	-8	7	0	14	-1	15	-2	3	5	-2	10	8	6	12
2002.827	3	-4	—	-8	6	2:	14	1	13	-2	5	—	—	10	—	—	10
2002.833	4	0	1.	-7	3	4:	12	3	12	-1	2	—	—	10	—	5	12
2002.850	6	2	1:	-8	6	0	14	6	11	-3	3	5	-1	10	7	5	7
2002.875	7	-1	0	-8	6	2	11	6	10	-1	1	6	—	10	6	5	4
2029.706	8	5	0	0	7	2	11	-3	10	6	2	2	4	19	10	7	20
2029.799	7	6	-2	1	5	1	8	3	10	8	7	0	3	19	4	6	16
2031.753	9	4	1	1	6	0	9	6	8	8	10	-1	3	20	5	5	5
2031.778	7	-2	2	5	6	0	7	4	7	9	4	0	2	19	3	6	4
2035.701	7	7	0	3	4	4	12	-2	6	11	8	-2	2	17	2	7	4
2058.674	8	-1	2	10	5	3	6	7	9	6	1	5	1	10	2	4	8:
2059.711	8	0	2	11	7	2	5	-1	7	5	9	6	1	9	—	5	13
2060.683	9	13	2	10	4	0:	8	-3	8	5	2	6	3	9	3	5	13
2060.708	9	11	2	10	6	0	4	-3	5	5	3	6:	3	9	8	3	20
2061.669	7	-1	1	9	8	1	8	-3	5	5	8	8	1	9	—	4	5
2061.710	8	-2	1	8	7	2	4	1	9:	5	4	7.	1	8	5	3	6
2062.668	6	2	2	7	6	2	6	1	8	4	3	9	2	9	—	4	9

J. D.	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170
243...																	
2062.694	8	-1	1	9	5	0	5	2	8	4	6	8	3	9	9	3	10
2062.717	5	0	2	10	5	0	5	4	10	4	6	8	1	9	7	4	9
2063.674	9	8	2	8	5	1	6	5	11	5	2	10	4	7	3	7	16
2063.708	7	6	0	6	6	1	6	6	11	4	1	10	3	8	0	6	13
2088.639	8	13	1	4	8	0	13	-4	6	4	3	4:	—	1	6	8	6:
2290.987	8	9	—	4:	—	2	12	-1	5	0	7	—	—	9	9	0:	16
2349.846	6	10	2:	3	5	3	6	-2	10	4	11	5:	1	3	9	0	7
2349.871	9	6	0	4	5	2	8	-4	9	3	14	7:	1	3	7	0	4
2349.902	4	4	0	4	5	2	6	0:	8	6	6	10	2	2	7	-1	5
2349.927	7	0	0:	2	5	2	7	-5	7	5	2	4	—	1	5:	0	13
2350.814	9	-1	1	0	9	2:	7	2	11	5	0	5	0	2	1	-1	9
2350.923	7	12	3	1	7	3	5	1	6	6	9	5	2	0	9	0	7
2387.747	7	11	3	-7	7	-1	4	4	7	4	2	3	0	-8	2	4	22
2387.770	7	13	2	-6	5	1	5	1	7	5	4	2	1	-10	4	6	18
2387.799	8	9	1	-7	7	3	7	-3	7	4	9	3	1	—	4	5	19
2387.821	7	12	2	-6	7	3	6	-4	8	7	9	5	—	-10	6	3	15
2388.744	9	2	3	-7	6	2	9	-2	7	3	6	5	2	-11	5	3	7
2388.777	9	1	3	-6	8	2	5	0	9	5	3	5	5	-11	4	3	5
2388.811	6	0	—	-3	8	3	6	0	8	4	1	5	1	—	0	5	8
2413.694	7	-2	1	-1	8	-12	13	7	8	3	0	9	2	—	6	4	19
2413.726	8	1	1	0	7	-6	12	5	7	4	-1	10	1	(-10	7	3	17
2413.748	4	-2	0	1	8	-3	12	3	8	1	5	11	—	—	4	3	16
2414.689	8	4	-1:	-2	7	3	12	0	7	3	4	10	—	—	3	4	3
2414.719	7	2	2	1	7	2	12	-2	5	2	2	12	0	—	5	3	6
2414.744	6	2	0	2	9	3	15	0	8	2	1	10	2	—	4	3	7
2415.676	8	6	2	0	6	2	8:	0	6	2	1	11	2	—	3	3	3
2415.699	8	9	1	0	7	1	12	-3	7	2	3	11	-1	—	5	2	8
2415.730	7	10	3	-2	6	3	14	-4	7	2	7	11	—	—	0	2	9
2415.749	7	12	1	2	8	3	11	-2	10	2	12	11	—	—	4	—	5
2416.672	7	-2	1	0	7	4	9	-4	7	2	3	10	1	—	6	3	11
2416.695	8	-2	1	0	7	4	7	-3	7	2	2	10	2	—	9	4	12
2416.730	6	-3	3	2	8	2	12	1:	8	2	2	12	—	—	—	3	8:
2416.753	5	1	0	1	6	-1	13	4	14	1	0	10	3:	—	6	3	7:
2417.670	4	8	1	2	6	4	9:	2	8	1	7:	10	3	—	0	5	8
2417.702	7	5	0	3	7	0	12	5:	14	1	11	10	3	—	1	4	15
2417.735	8	2	2	2	6	0	13	6	15	1	11	10	2	—	1	4	14
2438.659	9	1	2	6	7	3	12	0	10	2	10	1	3	—	8	2	12
2438.683	9	3	—	6	7	-2:	9	5	8	2	9	2	3	—	6	3	5:
2705.874	8	3	2	7	6	-1	12	-1	7	3	4	1	2	—	6	3	14
2705.898	8	12	0	4	—	4	15	-3	8	3	8	1	—	—	6	2	—
2706.836	7	3	0	4	5	3	11	-2	7	3	7	1	—	—	5	1	7
2706.916	7	1	1	7	6	1	14	6	6	3	0	0	1	—	8:	2	17
2706.945	9	3	1	7	4	-1	16	5	10	3	-1	1	2	—	9	1	16
2736.785	4	2	-2	-1	7	0:	15	4	10	3	1	2	2	(-10	—	7	21
2736.821	5	7	-3	0	8	1	16	2	15	3	-2	3	2	—	6:	8	17
2736.855	8	11	-1	-3	7	0	13	-5	14	6	2	2	2	—	7	7	15
2737.725	7	8	4	-2	6	0	12	4	9	3	4	4	2	—	6:	7	5
2737.759	4	3	2	-2	6	1	17	3	10	7	9	4	2	—	5	8	5
2737.790	5	-1	0	1	7	2	13	-3	13	4	11	3	2	—	1	8	3
2737.822	5	0	1	0	7	1	12	-3:	14	5	4	2	2	—	1:	8	7:
2737.857	7	2	1	-2	8	2	10	-4	12:	5	7	2	2	—	1:	8	16
2739.728	5	-2	1	-2	7	1	10	-3	14	5	7	3	3	—	0:	10	11
2739.759	4	-1:	2	-1	9	0	11	-3	12	6	10	4	2	—	2	11	11
2739.791	5	3	0	0	8	1	13	2	11	6	6	4	4	—	3	8	10
2739.822	6	7	1	-2	5	1	15	3:	10	5	2	4	3	—	2	8	9
2739.845	7	8:	0	-3	6	1	14	2:	7	5	0	3	2	—	5	6	5
2739.867	8	10	1	-3	5	1	14	2	6	5	0	4	3	—	6	8	7
2740.716	5	-1	2	-2	6	1	11	0:	13	6	0	4	2	—	8	9	20
2740.753	5	0	0	-1	7	1	12	4	9	3	2	3	2	—	6	9	18
2740.786	7	0	2	-2	—	0	14	6	8	6	3	4	4	—	5	8	16
2740.818	6	-2	1	-3	5	0	16	5	7	5	5	3	4	—	3	7	14
2740.844	7	0	3	0	7	0	17	4	5	5	11	4	1	—	1	8	12
2740.861	9	-1	2	-2	4	0	16	3	5	7	9	4	2	—	1	7	12

J. D.	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187
243...																	
1672.697	-4	13	6	-5	8	2	7	9	4	—	5	6	2	2	12	≤-10	5
1672.721	-4	13	3	-2	8	2	7	9	3	—	1	3	3	2	10	≤-10	2
1674.701	-4	10	3	0	5	3	7	7	3	—	4	2	1	4	8	≤-10	6
1675.702	-4	12	13	-3	6	2	6	6	4	—	3	-1	3	4	8	≤-10	5
1676.702	-3	14	7	-3	6	2	7	7	4	—	4	-1	1	4	9	≤-10	4
1677.691	-3	12	6	0	4	2	7	7	3	—	3	2	2	3	10	≤-10	6
1682.668	—	—	—	—	4	—	—	8	—	—	2	5:	—	—	8	—	—
1682.674	-3	—	—	-3	4	—	—	7	—	—	—	8:	—	—	—	—	2:
1682.702	-2	12	3	0	2	1	—	7	3	—	1	5:	2	2	10	—	4
1700.683	-2	13	14	-3	10	—	—	9	2	—	6	8	3	3	10	—	6
1702.660	-8	10	11	-1	11	10	3	7	2	—	4	5	3	1	10	≤-10	6
1703.660	-10	7	3	-1	12	10	3	9	0	—	5	1	4	2	12	≤-10	5
1704.668	-12	13	9	-1	12	9	3	8	0	—	4	3	3	3	12	≤-10	6
1705.655	-12	9	3	2	14	9	3	7	1	—	6	0	4	1	13	≤-10	7
1706.654	-11	12	2	—	13	10	3	9	-1	—	7	4:	1	3	15	—	6
1707.663	-5:	12	5:	-3	11	10	3	9	0:	—	6	0:	4	3	14	—	6
1708.659	-9	12	3	-3	10	9	2	10	-0	—	5	10	2	3	13	—	5
1709.666	-12	11	5	0	15	10	1	7	-3	—	5	9	1	3	14	—	2
1941.948	-5	7	7	0	12	4	4	0	2	—	1	1	4	10	8	(-12	6
1941.971	-2	12	6	0	8	—	6	-1	1	—	7	1	5	9	7	—	6
1942.955	-5	10	10	-5	12	5	4	-0	1	—	6	2	3	10	8	—	5
1942.985	—	8	—	—	9	—	6	—	—	—	—	—	—	—	—	—	5
1943.948	-5	7	6	-4	10	4	4	-1	1	—	2	3	3	9	9	—	5
1943.971	-7	6	7	-2	9	3	7	0	2	—	1	0	3	8	8	—	6
1947.945	-5	7	10	—	10	—	—	2	0	—	2	10	4	7	8	—	6:
1970.911	-5	10	12	-6	16	—	5	3	2	—	2	6:	—	6	8	—	6
1971.892	-8	11	4	-3	16	4	4	0	3	—	4	0:	3	7	8	—	6
1997.860	-3	7	13	-3	14	—	2	-3	2	—	2	6:	2	5	8	—	5:
1998.792	-7	4	6	-5	13	—	—	-2	-2	—	0	9	2	9	8	—	6
1998.817	-5	4	8	0	14	6	1	-3	2	—	3	9	3	6	8	—	6
1998.851	-5	4	6	—	13	—	0:	-4	-2	—	0	8	2	6	7	—	6
1998.875	-3	7	7	-4	14	4	1	-2	-2	—	0	—	2	6	6	—	5
1999.773	-2:	6	6	-3	13	—	—	-2	-2	—	0	—	4	5	8	—	7
1999.798	-4	7	5	0:	12	—	—	-2	-1	1:	5	—	2	5	9	—	7:
1999.829	-2	5	9	0	16	—	—	-5	0	—	4	—	3	6	6	—	4:
2000.766	-2	6	5:	-1:	13	5	—	-3	—	1:	1	—	3	4	10	—	7:
2000.791	-6	5	7	-3	15	5	—	-2	-2	—	3	—	3	6	8	—	6
2000.825	-4	7:	5	-3	13	5	3	-2	-1	—	2	9:	5	7	8	—	4
2000.852	-2	7	4	-2	13	5	—	-3	—	—	1	—	4	8	9	—	6
2004.762	-6	8	2	3	14	6	1	-2	4	—	2	0	5	6	9	≤-6	7
2004.787	-10	8	2	-1	14	6	1	-3	3	—	1	-2	3	5	9	≤-10	5
2001.817	-8	8	5	-2	14	6	1	-2	3	—	0	0	4	10	10	≤-10	5
2001.841	-12	6	6	-1	15	8	1	-3	2	—	2	2	1	5	10	—	5
2001.867	-10	9	9	-1	15	8	0	-3	3	—	6	1	2	8	7	—	5
2002.752	-12	8	3	-1	15	7	1	-3	3	—	7	0	3	10	8	-8	4
2002.773	-10	11	9	0	13	8	1	-3	2	0:	4	0	6	7	10	-9	6
2002.802	-12	9	5	0	12	7	0	-4	2	—	2	3:	3	8	7	—	7
2002.827	-10:	9	—	-2	14	6	—	-3	2	—	2	0	—	7	8	—	—
2002.833	-10:	6	4	-4	14	—	—	-4	-1	—	1	0	—	7	8	—	6
2002.850	-10	10	5	-3	15	6	1	-1	2	—	2	—	5	8	7	—	6
2002.875	-5	5	6	-3	13	6	1	-1	2	—	3	—	3	8	7	—	5
2029.706	-12	4	12	0	16	7	1	-1	3	6	5	4	5	7	8	0	7
2029.799	-8	4	3	-2	19	8	1	3	1:	6	7	2	4	7	9	—	7
2031.753	-13	6	7	-1	21	6	1	1	0	9	4	3	5	8	10	0	6
2031.778	-13	5	4	-2	21	8	1	0	—	8	7	2	4	6	9	—	5
2035.701	-8	3	6	-2	18	6	1	-1	1	15	1	10	3	5	10	4	5
2058.674	-5	15	5	-3	16	6	6	0	2	35	-1	5	6	8	5	10	5
2059.711	-7	14	7	-1	17	6	6	-2	3	37	1	2:	8	8	6	10	6
2060.683	-3	15	3	-4	16	7	6	-1	1	35	-2	2:	3	6	5	10	5
2060.708	-2	15	3	-3	17	7	6	0	2	33	-1	2:	2	7	6	11	6
2061.669	-6	12	10	-3	14	6	6	0	0	30	2	3	3	6	6	10	6
2061.710	-5	12	10	0	16	7	6	0	0	32	4	5	6	7	6	11	7
2062.668	-4	11	1	0	14	6	6	-2	3	33	2	3	7	9	6	9	7

J. D.	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187
243...																	
2062.694	-8	11	1	-1	17	5	6	-1	3	35	0	2	8	7	6	9	7
2062.717	-4	8	2	0	18	6	5	-3	2	36	-2	2	3	7	6	10	6
2063.674	-6	10	9	1	17	5	6	-2	3	31	2	8	5	7	6	9	7
2063.708	-9	8	6	0	18	4	5	-2	3	32	2	10	8	7	6	9	7
2088.639	-2	7	10	-2	17	-	1	-2:	0	27	0	-	-	6	8	7	4
2290.987	-	9:	9	-	18:	-	2:	1	-	(0	4	-	4:	5	8	-	5:
2349.846	-9	7	10	-5	13	5	1	-1	0	29	1	3	7	3	3	1	5
2349.871	-9	8	9	-3	12	5	1	-2	2	32	4	3:	7	3	4	2	8
2349.902	-8	8	6	-	15	5	1	-3	2	30	-2	-	4	4	3	-	5
2349.927	-4	7	8	-	13	-	3	-2	-	30	4	-	5	4	5:	-	8
2350.814	-12	6	3	-3	14	5	1	-	1	32	5	3	5	2	5	0	6
2350.923	-7	7	3	-3	18	-	1	-2	1	36	2	10	3	1	7	0	5
2387.747	-3	8	6	-3	11	2	4	-2	-4	17	5	0	3	8	9	9	8
2387.770	-3	10	6	-6	10	2	5	-2	-3	12	5	-	1	9	10	8	6
2387.799	-4	10	8	-5	11	2	4	-2	-4:	15	6	-	4	9	10	9	7
2387.821	-3	11	7	-3	11	2	3	-6	≤-6	14	6	9:	4	8	11	7	5
2388.744	-5	7	5	-5:	10	3	4	-4	-6	18	5	3	4	7	10	8	5
2388.777	-4	9	5	-3	11	2	4	-4	-5	17	7	4	3	6	12	6	5
2388.811	-4	10	5	-3	10	2	4	-3	-5	13	6	4	3	8	10	6	6
2413.694	-8	9	9	1	12	-	2	-3	7	2	-2	8	5	6	10	3	7
2413.726	-3	11	8	0	12	6	3	-3	4	2	-5	3	2:	5	10	3	6
2413.748	-6	10	5	-1	14	6	2	-3	2	2:	0	3	4	3	10	2	8
2414.689	-8	12	4	0	9	7	2	-2	1	3	0	6	5	4	10	2	6
2414.719	-6	10	0	0	10	7	2	-3	0	2	-1	5	4	4	9	2	7
2414.744	-7	8	2	-3	12	6	2	-2	5	0:	0	3	6	5	9	2	6
2415.676	-5	10	4	-1	12	7	2	-4	2	-	-1	2	7	6	8	2	7
2415.699	-5	9	5	-3	11	7	2	-3	2	≤0	-3	-	8	5	9	1	6
2415.730	-4	10	6	-1	10	7	3	-2	5	≤0	0	-	8	6	9	3	8
2415.749	-5	11	4	0	9	5:	2	-2	3	-	0	-	6	4	8	1	6
2416.672	-5	10	3	-2	12	8	2	-4	3	-	2	2	5	7	8	0	6
2416.695	-6	9	4	-1	11	7	2	-3	2	-	0	4	2	4	9	0	5
2416.730	-2	9	4	-2	10	6	2	-4	2	-	1	-	4	6	9	0	5
2416.753	-6	9	-	-2	9	6	2	-3	4	-	0	-	4	4	9	0	7
2417.670	-5	12	8	-2	10	7	2	-4	0	(0:	0	-	4	8	9	0	7
2417.702	-7	10	10	-2	10	7	2	-4	1	-	3	5	2	9	12	0	4
2417.735	-8	11	5	-3	10	7	-	-4	0	0:	3	-	5	7	9	1	6
2438.659	-7	13	7	-3	10	10	2	-3	-1	≤0	3	-	4	6	9	(0	7
2438.683	-4	12	8	-	11	11	-	-2	-2	-	-2	-	3	4	10	-	5
2705.874	-2	12	4	-4	20	5	5	8	6	-	3	2:	0	3	13	3	6
2705.898	-3	14	7	-6	20	6:	5	6	4	-	6	9:	-	8	12	3	5
2706.836	-8	14	-	-7	19	6	4	7	5	-	5	0	2	7	12	4	6
2706.916	-7	13	5	-1	19	6	5	11	6	(-5	5	12	2	8	10	4	7
2706.945	-5	12	4	-4	20	8	4	7	7	(0	4	12:	1	4	13	3	7
2736.785	-7	11	3	0	13	12:	6	12	4	(0	0	0	2	10	11	-1	6
2736.821	-6	11	4	-2	13	13:	6	12	3	(0	-1	10:	3	8	11	0	5
2736.855	-4	10	6	-2	12	12	6	13	2	(0:	-2	9	3	8	9	0	6
2737.725	-2	12	6	-1	14	12	5	13	5	(0	-2	3	2	8	10	-1	7
2737.759	-6	10	9	-1	13	11	5	13	5	-1	-1	8:	1	9	11	-2	5
2737.790	-7	9	10	-3	12	11	5	12	4	(0	0	11:	2	5	9	-4	6
2737.822	-5	11	10	0	14	13	6	13	0	(0	0	9	3	8	8	-2	6
2737.857	-1	11	7	-1	14	10	5	13	2	-	0	8	2	7	8	-	6
2739.728	-5	10	5	-6	15	11	6	16	2	(0	3	13	1	9	9	-4	5
2739.759	-8	9	10	-3	14	13	6	15	3	(0	3	11	1	7	10	-5	5
2739.791	-6	11	8	2	13	15	6	15	2	-	1	9	-	8	9	-5	6
2739.822	-7	10	6	1	13	13	6	15	1:	(0	3	4	0	8	10	-5	5
2739.845	-5	10	8	0	13	13	6	13	0:	-	2	2	2	7	9	-3	6
2739.867	-6	10	6	-1	14	12	6	14	0:	-	2	-2	2	9	9	-4	4
2740.716	-6	11	7	-1	16	12	6	15	2	(0	2	8	1	7	7	-4	5
2730.753	-4	11	5	-2	16	12	6	14	5	(0	2	6	0	7	7	-4	7
2740.786	-7	9	3	-2	13	13	7	14	3	-	4	2	-	9	9	-4	6
2740.818	-4	9	6	1	14	11	4	14	2	(0	1	1	1	10	9	-6	6
2740.844	-5	11	4	1	14	11	6	14	6	-	2	1	1	8	9	-5	5
2740.861	-3	10	5:	0	16	11	6	16	3	-	2	1	1	8	8	-7:	4

J. D.	188	189	190	191	192	193	194	195	196	197	193a	193b	199	200	201	202	203	
243...																		
1672.697	-1	5	5	3	4	-4	3	5	8	-1	4	5	0	0	-5	1	3	
1672.721	0	5		3	4	1	4	4	7	-1	7	1	2	0	(0	1	3	
1674.701	0	6		3	4	0	5	4	8	-1	3	2	5	0	-6	1	2	
1675.702	0	7		3	3	0	2	5	7	-2	6	0	4	2	-7	1	3	
1676.702	-2	8		2	2	0	4	4	9	-2	1	3	4	0	-	3	1	
1677.691	-2	5		2	5	0	4	7	8	-2	0	3	6	1	-	1	4	
1682.668	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	8:	-	
1682.674	-	-	-	-	-	-	3	-	-	-	7	3	2:	-	-	7:	-	
1682.702	-	-	4:	2:	4	0	2	3	8	4	9	4	1	2	-	5	1	
1700.683	-	7	-	-	4:	1:	2	3	8	7	8	6	3	4	-	4	6	
1702.660	-6	5	6	-2	5	1	4	7	10	5	-2	3	6	3	-4	0	4	
1703.660	-6	7	1:	-2	6	-2	4	6	10	5	2	2	5	5	-5	1	1	
1704.668	-6	6	1:	-3	5	1	3	5	9	4	2	5	5	8	-5	0	0	
1705.655	-7	7	6	0	4	0	4	5	9	5	-4	2	5	7	0	1	2	
1706.654	-	6	3:	0	4	0	1	5	9	4	5	8	5	6	0	0	5	
1707.663	≤	-7	7	-	0	3	1	1	6	8	5	7	10	4	8	-	0:	9
1708.659	≤	-6	6	5	0	3	0	0	6	10	6	-1	9	-4	8	0	0	4
1709.666	≤	-	6	5	1	2	0:	2	5	9	6	-2	6	0	10	-1	0	3
1941.948	6	8	5	2	3	-1	5	1	3	-2	-2	7	2	3	4	0	2	
1941.971	5	6	-	-	-	0	4	1	4	-2	0:	7	4:	4	-	3	2	
1942.955	4	8	6	3	5	-2	3	2	4	-1	7	7	4	3	4	2	3	
1942.985	-	9	-	1	4	-3	-	-1	-	-	-	-	-	2	-	-	3	
1943.948	3	7	5:	1	5	0	1	2:	3	0	3	6	6	5	3	3	1	
1943.971	3	9	-	2	3	0	2	-	2	0	7	6	4	3	3	0	1	
1947.945	3	7	-	-	3	0	2	2	2	-1	4	3	5	5	-	3	1	
1970.911	2	8	-	4	4	2:	2	6	10	1	4	7	6	6	3	-2	1	
1971.892	2	6	-	6	4	3:	2	6	8	1	2	6	5	2	2	-3	0	
1997.860	2	6	5	4:	4	10	8	4	9	0	2	7	-1	0	3	7	7	
1998.792	2	6	-	3:	5	0	0	2	8	6	5	7	0:	0	2	5	6	
1998.817	2	6	5	3:	4	0	-1	4	8	4	3	4	3	0	4	4	4	
1998.851	2	5	-	2:	6	7	-2	2	9	5	5	8	5	2	4	1	0	
1998.875	2	6	5	2:	2	8	7	3	9	7	5	5	6	1	5	4	2	
1999.773	2:	6	-	-	3	0:	1	4	9	5	6	2	3:	3	3	3	4	
1999.798	2	3	-	-	3	0	2	3	7	5	9	5	4:	2	3	9:	2	
1999.829	2	5	-	5	3	2	1	4	7	4	8	4	5	3	3	7:	3	
2000.766	2	5	-	3:	3	0	-1	2	8	4	6	6	4	4:	-	8:	3	
2000.791	2	6	-	3:	4	1	0	2	8	5	7	6	3	2	-	8:	0	
2000.825	2	5	5	-	4	0	2	2	8	4	3	5	6	4	-	7:	2	
2000.852	2	8	-	-	3	8:	-2	2	8	6	4	8	4	4	-	6:	1	
2001.762	4	6	6	0	6	-1	1	2	8	3	5	7	4	1	6	3	1	
2001.762	4	4	3	3	5	-4	2	3	9	4	0	8	5	0	6	4:	1	
2001.787	4	6	4	2	3	-2	4	5	9	3	-1	8	4	1	7	4:	1	
2001.841	4	4	0	2	5	2	2	4	8	5	3	5	5	0	5	7:	1	
2001.867	4	7	3	3	4	8	4	2	8	4	1	4	5	0	5	4:	1	
2002.752	4	4	5	-	3	-2	2	4	8	2	6	4	4	0	6	5:	0	
2002.773	4	7	7	4	6	-2	2	4	7	2	4	4	5	1	7	6	0	
2002.802	4	7	8	2	3	-3	2	4	7	1	4	5	5	1	4	6:	0	
2002.827	-	6	-	-	-	-	2	-	8	-	7	7	3	0	-	4:	0	
2002.833	-	5	-	-	-	-	2	-	7	-	6	3	5	1	-	6	0	
2002.850	4	6	6	2	2	5	2	6	7	3	6	6	5	0	4	6	0	
2002.875	4	6	3:	2	2	10	1	3	8	3	7	6	3	0	3	6	3	
2029.706	5	6	0	4	3	0	3	4	6	-3	2	7	5	6	-2	-2	3	
2029.799	5	5	6:	3	4	-1	3	6	6	-2	3	8	4	1	-	-2	1	
2031.753	5	7	6	5	4	0	4	6	7	-1	8	7	6	5	0	-0:	1	
2031.778	6	5	5:	5	3	0	-1	5	6	1	7	8	3	4	-	-0:	0	
2035.701	6	5	-	4	3	0:	1	5	8	0	8	9	0	5	-	-2	6	
2058.674	4	10	6	12	2	8	2	5	8:	7	5	10	6	9	-	-4	4	
2059.711	3	10:	5	10	4	5	5	6	9	6	6	12	6	8	-	-3	2	
2060.683	4	11	6	11	6	6	2	8	8	6	7	11	6	9	-	-3	1	
2060.708	3	11	-	10	3	6	1	4	8	6	8	12	6	9	-	-3	0	
2061.669	3	11:	3	11	3	8	5	7	8	7	-1	10	3	7	-	-2	0	
2061.710	2	12	5	12	3	4	0	7	9	8	-1	10	3	7	-	-3	-1	
2062.668	3	12	0	11	7	7	5	5	8	6	5	8	4	7	-	-1	0	

J. D.	188	189	190	191	192	193	194	195	196	197	198a	198b	199	200	201	202	203
243...																	
2062.694	4	12	2.	11	4	6	2	5	8	8	7	12	0	7	—	—1	7.
2062.717	3	10	5:	10	6	5	1	4	9	8	7	12	—2	6	—	—1	8
2063.674	4	12	1:	11	4	8	3	6	9	8	7	14	—1.	7	—8:	2	10
2063.708	3	12	1	10	5	5	3	7	9	6	8	11	—6	9	—6	—1	8
2088.639	2	18	—	6	4	0	11	1	4	3	7	4	4	7	—	3:	0
2290.987	—	6	—	—	—	—	21	6	8	—	0	8	—	10	—	6.	—
2349.846	2	14	6	2	5	—1	20	4	5	0	5	—6	5	0	—2	3	0
2349.871	2	14	5	0	4	0	18	6	4	0	7	—5	5	0	0	3	2
2349.902	2	15	—	2	4	—1	14	7	4	0	6	—7	5	0	1	3	2
2349.927	2	14.	—	—	2	2	7	6	3	0	8	—5	3	0	—	3	1
2350.814	2	14.	—	2	3	—	15	8	6	—1	4	—5	5	0	4	4	0
2350.923	3	14.	—	2	4	0:	14	8	4	0	5	—4	—2	0	4	3	0
2387.747	2	14	6:	—	3	5	0	7	3	4	7	4	6	2	8	6	0
2387.770	2	15	—	—	3	9	0	7	4	5	8	6	4	2	7.	4	3
2387.799	2	15	—	—	4	5	3	5	2	3	6	4	4	1	8	6	0
2387.821	2	14	—	—	3	6	11	8	3	5	8	4	2.	0	10	10	3
2388.744	3	17	2	2	5	2	4	7	2	6	0	6	5	0	10	10	—1
2388.777	2	16	6	0	3	11	1	8	4	5	5	8	4	0	10	9	0
2388.811	3	16	6	2	5	5	4	7	4	5	5	5	4	0	12	7	9
2413.694	6	8	7	0	5	—2	13	3	4	—1	6	5	5	5	3	—1	6
2413.726	6	7	6	0	4	—1	20	4	3	0	6	4	4	7	3	—1	4
2413.748	5	8	—	2	5	—2	17	2	2	0	6	3	4	5	2	—1	3
2414.689	5	11	—	2	4	—3	10:	4	3	2	6	2	6	7	0	0	4
2414.719	5	10	5	0	4	—2	16	4	2	1	5	2	5	6	0	—1	0
2414.744	4	11	6	1	5	—2	14	4	3	1	5	0	5	4	3:	0	2
2415.676	4	10	—	2	3	—1	—1	5	2	1	9	2	4	5	3	—2	0
2415.699	5	11	6:	2	3	0	5	5	4	2	8	4	5	5	2	1	1
2415.730	4	10	—	2	3	—	17	4	2	2	6	4	3	2	4	0	—3
2415.749	5	11	—	3:	3	—1	18	4	2	2	9	2	4	6	2	0	2
2416.672	5	7	7	3	4	—1	1	5	2	2	5	3	5	7	2	—1	2
2416.695	3	5	6	0:	5	—1	2	5	2	1	8	3	4	8	3	2	1
2416.730	4	5	—	2	4	0	8	5	3	4	6	4	5	4	0:	2	—1
2416.753	4	7	—	3	3	—3	18	7	3	3	7	6	5	8	2	0	1
2417.670	6	8.	5:	2	4	0	3	5	2	1	4	0	4	4	1	2	0
2417.702	3	7.	—	1	2	0	3	4	3	3	5	0	3	5	3:	3	0
2417.735	2	8.	6:	2	2	—1	7	4	3	2	6	0	2	4	0:	1	0
2438.659	5	6	—	2	2	3	8	9	0.	0	—1	0	—4	7	—	7	2
2438.683	5	6	—	3	4	2	11	8	0.	0	0	2	2	9	—	6	0
2705.874	—1.	9	—	2	3	9	15	5	2	0	4	8	5	5	—	5	2
2705.898	—1.	7	—	—	3	6	12	7	3	—1	5	8	0	7	—	5	2
2706.836	—0.	9	—	2	4	9	18	5	3	0	5	8	6	5	(—4	4	0
2706.916	—1	8	3:	3	4	4	13	4	4	0	6	8	0	5	—	4	0
2706.945	—2.	8	—	3	3	5	11	8	4	0	4	10	—4.	8	—	5	2
2736.785	1.	8	7	3	6	0	17	0	2	1	9	0	0	4	—	2	2
2736.821	1.	7	6	4	4	—3	15	2	3	0	9	2	—5	4	—4	2	0
2736.855	1.	7	6:	4	6	—2	11	5	3	1	10	2	0	4	—5	2	1
2737.725	2	7	6	4	6	0	11	3	2	3	8	2	—4	5	—5:	2	1
2737.759	2	6	1	4	3	1	19	3	3	3	4	3	—6	5	—6	2	0
2737.790	2	5	3	4	7	—2	17	5	3	2	5	2	—4	4	—6	2	—1
2737.822	2	6	6	4	3	—1	13	5	3	2	5	3	1	4	—7	3	6
2737.857	1	5	8	5	5	—2	12	2	3	3	4	2	5	5	—	2	12
2739.728	1	6	2	6	5	—3	1	5	3	2	8	3	0.	4	—5	2	12
2739.759	1	6	4	6	—	—3	14	3	2	2	7	4	3	3	—1	1	9
2739.791	1	6	6	6	6	0	20	5	2	3	7	4	5	4	—2	1	7
2739.822	1	5	4	5	3	—2	16	4	3	0	6	4	6	3	—3	2	6
2739.845	1	6	1	4	5	0	16	3	3	2	9	4	5	2	—6	2	3
2739.867	1	5	—2	5	5	0	13	3	3	2	7	2	5	3	—5	1	2
2740.716	1	5	—1	6	5	0	0	3	3	4	9	3	3	4	—2	2	5
2730.753	1	4	0	7	5	—3	5.	3	1	1	7	3	4	2	—0.	1	3
2740.786	1	5	5	4	5	0	19.	4	3	2	6	3	5	2	—1.	0.	2
2740.818	1	5	6	5	4	—1	17	3	3	1	4	3	5	3	—1.	1	1
2740.844	1	4	6.	3	6	—2	15	5	2	2	4	2	4	—	—4	1	1
2740.861	1	5	3	4	4	0	15	4	2	1	4	2	3	2	0	1	—1

J. D.	204	205	206	207	208	209	210	211a	211b	212a	212b	214	215	216	218	219	220 ⁷
243...																	
1672.697	-2	9	6	5	7	10	0:	1	0	4	3	-1	-1	3	12	0	-2
1672.721	0	8	6	5	6	9	0	-1	-1	5	2	0	-2	3	12	-1	-3
1674.701	3	9	6	5	4	9	-4	-1	0	2	3	-1	-1	2	10	0	-1
1675.702	0	8	7	7	7	10	2	-1	1	-1	2	-2	-1	3	6:	0	4
1676.702	-3	7	7	5	4	10	-3	-1	0	0	3	1	-1	2	6	0	2
1677.691	-4	6	7	6	5	8	-5	10	0	6	0	0	-1	4	3	0	0
1682.668	—	—	—	—	—	7	—	6:	—	—	—	0	—	—	6	—	—
1682.674	—	—	—	—	3	—	—	—	—	—	—	-2	—	—	5:	—	—
1682.702	-3	6	—	5	4	—	-4	0	—	4	0	-4	0	—	3	0	—
1700.683	4:	9	—	—	—	7	-2	0	—	0	—	-4	0	9	2	—	—
1702.660	-3	7	2	3	5	8	-0:	2	1	1	3	-5	-4	13	4	0	-1
1703.660	-4	9	1	3	7	7	-1:	4	2	-2	3	-3	-3	13	2	1	3
1704.668	-4	7	0	5	8	7	-3	0	3	-3	3	-3	-2	10	3	-4	-1
1705.655	8	9	0	6	4	8	-1	1	3	-2	2	-3	-1	10	3	0	2
1706.654	4:	9	—	8	2:	5	3	4	3:	-1	2	-5	-4	10	5:	—	0:
1707.663	0:	8	—	7	10	5	-2:	10	3	0	2	-5	-3	9	9:	0	0:
1708.659	-3	8	0	6	4	5	-3	13	2	0	0	-3	-3	7	16	0	2:
1709.666	-4	7	0:	6	6	8	1	10	2:	0	1	-2	-2	9	4:	0	0
1941.948	7	8	6	—	3	7	-6	10	0	7	0	1	-4	6	2	0	-0:
1941.971	—	7	6	6	4:	5	-3	8	—	6	0	2	-4	5	2	—	1:
1942.955	3	8	5	6	9	5	-2	10	-1	7	3	3	-4	6	6	0	4:
1942.985	—	—	—	—	8	6	-3	—	-3	8	3	—	—	—	—	—	—
1943.948	-3	8	5	8	4	7	1:	5	0	4	1	3	-3	2	3	0	-1
1943.971	-3	5	3	6	3	7	2	2	-1	6	4	2	-5	4	4	0	-3
1947.945	6	10	3	—	6	5	—	—	0:	4	2	2	-3	3	16	—	-1
1970.911	-3	10	0	8	8	7	1:	13	-1:	1	2	4	-3	6	22	-2:	0
1971.892	-4	10	1	4	9	5	-4	12	0:	2	2	5	-4	8	16	(0	1
1997.860	-3	12	2	6	8	7	-1	2	1	3	2	2	-4	11	—	-1:	1
1998.792	(0	9	3	5	2	9	-1	2	0	2	2	0	-3	6	15:	-1	1
1998.817	(0	3	2	7	3	6	4	2	2	2	2	1	-3	6	12	0	1:
1998.851	(0	0	3	4	8:	7	4:	1	0	7	1	1	-2	8	11	0:	1
1998.875	6	5	2:	7	6:	8	3	3	0	0	0	2	-2	12	10	0	0:
1999.773	0:	9	—	5	6:	7	-2:	0	0	3	2	0	-2	5	15	—	—
1999.798	0:	9	—	6:	—	8	-2:	1	0	6	2	0	-2	5	10:	0	—
1999.829	8	10	3	4	6	7	-2:	3	0	3	1	0	0	11	11	0	0
2000.766	6:	9	—	6	10	8	-1:	3	0:	1	2	0	-1	5	11	2:	0
2000.791	—	9	—	6	9	8	0:	1	0:	5	2	1	-3	3	9	1	1:
2000.825	0	10	4	6	10:	8	1:	0	0	4	2	0	-1	7	9	3	2:
2000.852	1:	8	4	5	9	6	-3:	9	0	3	1	0	0	6	6	1	—
2001.762	5	8	4	6	4	6	-2:	-1	1	3	1	0	0	4	5	-1	2
2001.787	0	-1	5	7	2	8	-4	3	1	2	0	1	1	0	3	-5	0:
2001.817	-1	-1	5	5	3	9	4:	10	1	3	0	0	0	5	5	-2	0
2001.841	-4	-2	5	4:	3	6	4:	14	0	3	1	1	0	7	3	-1	-1
2001.867	-3	4	5	4	3	7	2	13	2	1	0	0	0	7	2	0	-0:
2002.752	-4	4	7	7	7	8	-3	-2	0	4	0	1	0	0	3	-3:	-2:
2002.773	-3	4	6	6	7	8	-4	5	1	1	1	3	0	4	3	-4:	-4
2002.802	-4	7	6	6	7	6	-4	13	0	5	0	2	0	5	4	-2:	0:
2002.827	—	6	—	—	7:	7	—	10	—	3	—	1	0	7	3	—	-2:
2002.833	—	6	—	—	7:	7	—	10	—	3	—	1	0	5	4:	—	-2:
2002.850	-3	8	6	6	8	6	-3	8	0	2	1	1	0	6	4	0	5
2002.875	-3	8	7	6	7	8	-2	6	1	1	1	1	1	6	5	0	4:
2029.706	-3	5	0	6	7	6	-4	1	0	0	1	4	0	5	3	-2	2
2029.799	-4	5	0	6:	6	6	-4	-1	1	3	0	5	2	2	3	0	0:
2031.753	-3	10	0:	6	7	8	3	3	-1	0	0	5	3	4	6	0	1:
2031.778	6	6	—	7	6	5	2	14	0	2	0	5	3	2	13	-1	0:
2035.701	-1	10	(0	6	3	6	-3	10	1	1	0	5	2	9	15	-5:	2
2058.674	8	10	5	6	9	6	2	-2	—	4	1	1	2	6	20	0	2
2059.711	-2	9	5	6	5	8	-2	-2	0	6	0	0	0	9	10:	0	0
2060.683	-2:	9	5	4	7	7	-4	0	-1	6	1	0	1	6	—	-2:	-1
2060.708	-3:	9	7	4	7	7	-3:	1	0	6	2	0	0	10	—	-4:	3:
2061.669	-3	9	6	6	7	7	0:	3	-1	5	2	1	0	8	6	0	2
2061.710	(0	9	6	6	6	6	-4	6	0	7	2	1	1	10	6	0	1
2062.668	-4	4	4	7	6	7	-5	2	-2	5	2	1	0	4	6	1	-1

J. D.	204	205	206	207	208	209	210	211a	211b	212a	212b	214	215	216	218	219	220
243...																	
2062.694	—4	3	5	4	7	6	—3	8	0	7	1	—1	2	6	3	1	—1
2062.717	—3	3	5	4	5	8	—1	12	0	7	0	0	2	6	3	1	—1
2063.674	—3	7	7	5	7	8	—5	14	0	6	2	—2	0	4	3	0	4
2063.708	—4	6	5	6	6	8	—4	11	—1	6	1	0	0	6	3	—1	4
2088.639	—	10	5	6	6	7	—3	2	0	7	3	1:	1	2	6	—	—
2290.987	—	9	—	—	7:	7	3	5	—	4	—	2	0	7:	—	—	—
2349.846	(0	9	5	5	5	5	—3	1	2	6	3	0	—3	4	—	1	2
2349.871	—2	10	6	4	4	5	—3:	3	1.	7	3	3	—3	6	—	0	0
2349.902	—	9	5:	6	6	6	—3	1	2	5	0	0	—4	9	—	0:	—
2349.927	—	9	—	6	5	3	—5	—	2	6	2	0	—3	9	—	—	—1::
2350.814	—4	10	6	4	6	4	2	—1	1	7	0	1	—4	4	4	—	0
2350.923	0	8	6	4	5	4	1	0	1	7	0	1	—5	6	4	0	2
2387.747	—3	9	3:	6	6	7	3	3	—2	5	0	1	—3	8	4	—4	0
2387.770	—	9	—	6	4:	7	5	8	—2	2	1	1	—3	8	11	—2:	—1
2387.799	—	8	2	7	5	6	3	14	—1	0	1	1	—2	8	11	0	0
2387.821	—	10	—	6	5	8	1.	8	(—1	2	0	1	0	7	10	—	0
2388.744	—3	7	0	5	4.	7	—4	10	0	0	2	1	—1	12	7	0	1
2388.777	—3	4	0	5	7	8	—1	14	0	1	2	1	—0.	11	7	—1	5
2388.811	1:	0	0:	4	8	8	—5	10	—1	3	2	1	—2	7	6	—2	4
2413.694	2:	6	7	6	7	5	—5	1.	—1	8	2	—1	0	2	6	1	—2
2413.726	—3	7	7	5	5	7	—5	—2	—1	7	3	—1	0.	2	3	0	—1
2413.748	—2	7	7	7	3	3	—3.	0	—2	8	5	—2	1	2	3	0:	1
2414.689	0:	8	7	7	7	4	4	—1	—2	9	3	—3	1	4	5	1	4
2414.719	—3	3	7	5	8	4	2.	4	—2	8	0	—4	1	2	7	0	2.
2414.744	—2	—0.	7	7	9	4	3	0	—2	8	3	—2	2	4	6	1	5
2415.676	0	6	7	7	4	4	—5	—1	—2	9	4	0	0	2	6	1	0
2415.699	—3	9	7	5	5	5	—5	—2	—1	8	3	—2	1	1	3	1	0:
2415.730	—2	7	6	6	3	2	—3.	—2	—1	10	2	—3	1.	3	5	0	—1
2415.749	—	7	7	8	2	4	—5	—2	0	10	3	—2	3	1	—	—	0
2416.672	(0	8	7	6	8	3	—4	—1	0	10	2	1	1	4	4	—3:	1
2416.695	0	5	7	6	9.	3	—3	1	0	10	2	—1	1	2	6	—1:	3.
2416.730	8	7	6	5	7	2	—4	3	0	9	2	—1	1	2	12	—	5
2416.753	9	8	6	5	4	3	—4	8	0	9	2	—1	0	5	15	—	3
2417.670	10	7	5	7	2	3	5.	0	0	11	3	0	0	3.	4	0	2
2417.702	7	3	6	8	5.	3	6.	2.	0	10	4	0	0	4	17	—	—1
2417.735	6	0	7	4	9	2	0.	13	0	11	4	—1	1	5	16	0	—1
2438.659	≤—1	8	3	6	7.	6	0	9:	—1	3	2	1	2	5	—	—2	0
2438.683	0:	8	2:	4	10	5	1	8:	—1	5	2	1	2.	7	—	—	0
2705.874	2	9	—	6	6:	6	—5	0	4	9	2	0	—6.	3	16	0	1:
2705.898	1:	9	3	7	6:	7	—2	3	5	9	2	1	—7	4	13	0	—1:
2706.836	0:	2:	5	4	7.	5	2	1	4	8	2	1	—8	4	18:	0:	5
2706.916	—3	5:	5	7	5	6	0	0	4	9	3	1	—5	2	8	1	5
2706.945	—3	10	5	7	5	7	—1	—1.	5	9	1	0	—6	2	4	—1:	3
2736.785	—4	10	7	7	7	8	—2	0	4	6	1	3	—6	7	3	—1	—1
2736.821	8	9	5	7	7.	8	—4	—2	4.	4	1	3	—8	9	5	1	4
2736.855	6	9	5	6	7	7	—2	—1	5	6	2	4	—7	8	4	—1	4.
2737.725	—2	9	6	7	6	7	—4	—3	6	7	1	3	—5	3	2	—1	1.
2737.759	8	8	6	7	5	6	—4	1	6	7	2	2	—6	8	1	0	6
2737.790	6	6	5	6	4	7	—3	0	5	6	2	2	—7	7	3	0	5
2737.822	4	8	5	6	3	8	2	0	6	7	2	1	—7	13	3	—	3
2737.857	1	10	5	6	2	7	2	—0.	5	3	3	3	—8	9	3	0	1
2739.728	1	7	6	5	3.	7	1.	2	6	8	3	3	—8	4	2	1	2.
2739.759	0	7	6	6	7	8	—1	0	5	5	5	4	—9	5	3	0	4.
2739.791	—3	9	6	7	6	7	—3	0	5	6	3	3	—8	7	2	(—5	5.
2739.822	—5	7	—	7	5	8	—4	0	6.	6	3	3	—8	10	2	0	3
2739.845	—5	6	5	4	4	8	—3	2	5.	9	2	2	—7	8	4	—1	0
2739.867	—4	5	5	5	5	8	—3	6	4.	9	2	2	—7	7	10	1	—1
2740.716	—4	8	5	6	10	6	—4	1	4.	4	1	2	—7	2	5	0	1.
2740.753	—4	6	5	4	7.	6	—5	—1	5	5	4	2	—6	4	3	1	1
2740.786	—4	10	6	4	6	7	—3.	0	5	6	3	1	—7	7	3	1	0
2740.818	—3	7	5	7	5	6	3	0.	6	7	3	3	—7	8	7	0	—1
2740.844	—4	6	5	4	4	7	4	3:	5	7	4	2	—6	10	16	1	—0.
2740.861	—3	4	4	6	2	7	3	4:	5	6	3	1	—6	8	12:	0	—1:

J. D.	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236
243...																
1672.697	4	10	5	10	(0	11	5	2	7	2	2	7	7	4	2	10
1672.721	1	11	4	10	(0	9	8	2	8	2	1	6	6	7	2	10
1674.701	3	2	6	6:	(0	10	5	2	8	0	0	10	10	4	3	8
1675.702	-1	12	-4:	6:	(0	3:	8	0	7	-3	0	7	8	3	5	10
1676.702	-	11	4	-	(0	-2	4	1	7	-4	0	8	11	7	5	11
1677.691	0	-1	2	8	(0	3	8	2	7	2	0	10	8	6	5	10
1682.668	-	10	-	-	-	-	-	-	-	-	-	8	-	-	-	-
1682.674	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1682.702	0	11	-	-	-	3:	6:	2	-	-	-	8	4	-	2:	-
1700.683	0	6:	-8	-	(0	7:	4	1	7	-	-	10	7	6	0	11
1702.660	3	12	4:	-	(0	-1	5	0	8	-1	0	4	5	9	5	9
1703.660	2	2	4	-	(0	3	3	0	7	-3	0	10	9	9:	3	6:
1704.668	3	0	2	-	(0	-1	4	1	5	-2	0	9	10	8	4	6
1705.655	4	8	3	-	(0	7	4	3	7	4	3	7	10	8	4	5
1706.654	2	10	4	9	(0	0	3	3	7	4	3	10	7:	7	4	6
1707.663	1	2	4	-	(0	7	4	2:	3	2:	4	10	8	7	5	6
1708.659	-1	9	-0:	-	(0	-2	4	0	3	-3	5	5	8	6	4:	5
1709.666	2	10	4	8	(0	-1	3	0	6:	2	5	9	9	6	5	4
1941.948	2	4	4	9:	(0	-3	5	3	7	-2	2	3	7	10:	5	12
1941.971	-2	2	4	-	(0	-3	5	4:	7	-1:	2	7:	7:	10:	4	12
1942.955	5:	13	4	-	(0	7	3	2	6	-5	3	10	7	10:	6	14
1942.985	-	10	4	10	(0	-	-	3	8	1:	3	13	-	-	-	-
1943.948	1	10	-0:	-	(0	-1	0	1	5	4	0	6	10	11:	4	13
1943.971	-1	10	-4:	-	(0	-4	6	2	7	6	2	7	10	11:	3	12
1947.945	4	4	4	-	-	3	5	2	-	1:	0	10	7:	10:	4	15
1970.911	-2	5	4	-	5:	9	6	6	5:	-3::	3	6	6	10:	4	17
1971.892	-1	3	3	10	6:	-3	7:	6	3:	4	0	10	6	10:	4	17
1997.860	-4	2	4	-	4:	-2	5	8	4	2	5	12	6:	11:	4	16
1998.792	-1	13	2	-	4:	3	7	8	6::	-2:	5	12	6:	10:	4	15
1998.817	3	13	2	-	4:	4	5	8	5	-2:	5	15	2:	9:	5	16
1998.851	0	8	4	-	4:	7	6	8	4	0	5	11	-3:	10	4	15
1998.875	0	7	3:	-	4:	10	5	8	2	2	4	11	-4	8	3	16
1999.773	5	-1	3:	-	4:	0	7	8	-	0	4	10	8::	8	3	14
1999.798	-1	4	5	-	3:	-1	5	7	-	1	6	8	8::	10:	2	15
1999.829	-2	10	4	-	3:	0	6	7	4	5:	4	6	8::	9	3	15
2000.766	-1	6	4	-	3:	-3	5	9	4:	5	3	8	1:	8	5	14
2000.791	1	5	3:	-	3:	-4	1	8	4::	4	4	6	5:	11	3	14
2000.825	2	2	4	-	3:	-4	2	7	2:	4	4	10	7:	10	4	13
2000.852	1	-1	4	-	3:	-4	6	6	3	3	4	12:	3:	9	3	14
2001.762	0	15	4	-	1	8	7	7	5:	0	6	12	9	12	2	14
2001.787	1	12:	4	-	1	7	7:	7	5:	0	6	12	6:	12	2	14
2001.817	1	11	4	-	-	2	7	8	7	-3	6	11	8	9	2	14
2001.841	-2	8	4	-	1	1	6	7	7	-3	7	9:	5	10	1	13
2001.867	0:	6	4	-	1	1	7	8	8	-4	8	7	8	8	1	13
2002.752	-3:	4	3	-	0	-2	7	7	6	-2:	6	8	7	9	1	14
2002.773	1	8	0	-	1	-3	7	6	5	-2:	7	6:	6	11	3	13
2002.802	2	12	-4	-	-	-2	8	5	6	-3:	6	7	9	9	2	14
2002.827	2	14:	-7	-	-	-2	-	6	-	-	8	6	7	-	-	-
2002.833	1	14:	-5	-	-	-2	-	6	-	-	8	7	7	-	-	-
2002.850	3	12	-2:	-	1:	-3	5	6	5	-4	6	5	7	8	2	14
2002.875	3	12	0:	-	1:	-4	4	6	6	-4	5	4	8	9	1	14
2029.706	0	5	4:	-	(-1	9	5	3	5	3	8	4	8	10	0	17
2029.799	1	14	4	-	(-1	2	5	4	8	-2	10	6	4	8	0	18
2031.753	4	12	4	-	(-2	9	5	0	7	-4	10	5	4	8	3	19
2031.778	2	12	4	-	(-2	8	7	0	7	-5	11	4	4	8	1	18
2035.701	-3	2	4	-	(-2	-3	6	3	4:	-4	9	5	8	7	-1	17
2058.674	2	12	4	-	(-2	2	4	2	5	-3	3	5	4	8	-1:	16
2059.711	-3	-1	3	-	(-2	4	5	4	8	-6	3	12:	2	8	3	14
2060.683	1	6	2:	-	(-2	2	6	3	6	3	3	11	6	7	2	15
2060.708	1	5	-0:	-	(-2	2	5	3	7	4	4	10	6:	8	2	14
2061.669	-2	10	-4	-	(-2	-1	7	4	7	4	3	2	10	8:	5	14
2061.710	-3	14	3	-	(-2	-3	6	5	6	0	2	4	7	9:	4	16
2062.668	1	-2	4	-	(-2	4	6	3	8	0	1	8	9	11	2	13

J. D.	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236
243...																
2062.694	0	4	4	—	(-2	2	8	4	6	-3	1	10	6	12	0	13
2062.717	2	6	4	3:	(-2	0	5	4	8	-3	0	11.	6	11	-1	14
2063.674	0	3	5	—	(-2	-1	8	5	—	-5	0	9	7	11	3	13
2063.708	-2	-0.	6	—	(-2	-1	7	4	8	-6	2	9	6	10	3	12
2088.639	-3	8	4	—	≤0.:	3	3	4:	6:	5	4	6:	7:	10	5	18
2290.987	2:	6:	4:	—	—	0:	5::	—	—	3:	0	10	8:	9	2	8
2349.846	-2	7	4	—	(0:	-3	2	7	6	-3	2	10	6	5	0	10
2349.871	-1	5	5	—	(0:	-3	0	5	6	-3.	4	11	8	5	2	11
2349.902	-1	2	5	—	(0:	-3	0	5	6:	-3.	3	9	6	4	1	10
2349.927	1	0	3	—	(0	-3	0	6	3	-3.	3	7	7	4	3	10
2350.814	2	15	3	—	(0	-4	1	5	4:	-1	4	5	4	5	2	12
2350.923	-1	1.	4	—	(0	8	1	4	3	2	3	8	-3	4	3	12
2387.747	2	9	3:	—	(0	-4	7	7	5:	-5	5	12	3:	4	2	14
2387.770	3	13	3:	—	(0	-3	8	6	5:	-3	6	12	7	4	3	15
2387.799	2	15	1	—	(0	-4	7	7	4	0	5	9	4	4	3	14
2387.821	3	12	-4	—	(0	-4	6	5	3	3	6	8	7	6	3	15
2388.744	-2	-1	-6	—	(-4	10	6	9	6	6	4	8	7	7	4	15
2388.777	-2	2	0	—	(-3	11	7	7	7	4	3	2	9	7	3	15
2388.811	-4	7:	4	—	(-4	7	5	6	6	4	5	3	8	6	1	15
2413.694	-2	11	-5:	—	(-3	-2	6	5	8	3	3	14	10	9	0	14
2413.726	-3	13.	-0.	—	(-3	-2	4	4	7	1	2	13	9	8	3	13
2413.748	-2	11	3	—	(-1	0	4	4	7	-3	2	11.	11	8	1	14
2414.689	2.	-2	5	—	(0	9	4	4	5	1	4	10	10	10	4	15
2414.719	3.	2	5	—	(0	7	4	4	7	-2	4	7	7	10	2	14
2414.744	1.	9	5	—	(0	5	2	4	7	-3	6	4	7	10	0	15
2415.676	-2	6	4	—	(0	-2	4	2	7	-5	6	3	6	11	3	13
2415.699	-1.	3	5	—	(0	-3	3	3	6	-6	4	2	10	10	2	14
2415.730	-5	0.	5	—	(0	-3	2	3	7	-4	5	6	4:	10	1	13
2415.749	-3	1	4	—	(0	0	3	3	8	-4:	4	10	4	11	2	15
2416.672	3	14	5	—	(0	-1	2	3	4	2	5	12	-3	11	1	13
2416.695	0	13	4	—	(0	4	1	3	7	3:	6	14	-3	11	1	13
2416.730	-1	12	4	—	(0	7	1	3	8	5	5	13	4	11	1	12
2416.753	0	9	4	—	(0	8	2	5	6:	4	3	11	4	11.	1	13
2417.670	0	1	3	—	(0	-1:	3	4	8	3	1	10	8	10	3	13
2417.702	-2	8	4	—	(0	4	3	4	8	0	2	8	5	9	1	12
2417.735	-2	14	3:	—	(0	1:	3	5	4:	-3	5	6	8	10	2	12
2438.659	-2	4	-6	—	22	5:	0	4	5:	-4	4	7	6	8	3	17.
2438.683	0	0	0	—	21	2:	0	4	4	-4	3	5	7	8.	3	16.
2705.874	1	10	4	10	(0	11	6	5::	7	-3	0	13.	8	2	6	7
2705.898	2	7	3.	—	(0	9	6	3	6	-3	0	14	8	1	5	7
2706.836	3	8	5	—	(0	-3	6	3	6	0	0	12	7	0	3	3
2706.916	1	12	-5.	—	(0	-1	7	2	7	3	-1	5	5	-1	5	5
2706.945	0	9	-4	—	(0	-3	7.	3	7	3	2	3	8	-1	0	3
2736.785	-1	7	4	8	(0	7	7	2	8	1	3	5	8	7	2	11
2736.821	2	12	4	8	(0	4	8	2	7	-1	1	6	7	7.	3	10
2736.855	4	13	5	8	(0	1	7	4	7	-4	1	7	8	7.	3	11
2737.725	3	12	4	8	(0	-2	7.	2	8	-3	4	4	-4.	7.	6	11
2737.759	0	7	4	8	(-3	-4	8	2	7	-4	3	6	-4	7.	6	11
2737.790	1	5	4	8	(-3	-3	8	2	6:	-3:	2	10	0	7.	4	12
2737.822	2	1	4	7	(-3	-3	8	4	7	-4	1	12	6	7	4	11
2737.857	0	2	4	8	(-3	-3	8	2	7	-4:	3	13	7	6	2	11
2739.728	3	0	4	8	(-3	0	8	3	6	4	1	7	8	7	5	12
2739.759	5	7	5	10	(-3	-2	9	2	8	4	0	5	7	6	5	14
2739.791	4	11	4.	8	(-3	-2	8	2	8	4	0	2	5	6	4	13
2739.822	1.	13	4	8	(-3	-1	8	2	7	2	0	4	10	7	5	14
2739.845	1	11	3	9	(-3	0	8	4	7	2	0	5	8	7.	3	12
2739.867	-0.	10	-1	8	(-3	-1	9	3	5	0	1	8	7	5	-1	12
2740.716	-1	6	4	7	(-3	-2	9	3	6	3	0	2	8	8	-1	13
2740.753	-1	3	-1	7	(-3	0	9	2	8	3	0	8	8	7	4	12
2740.786	-1	2	-5.	7	(-3	4	10	2	8	1	0	12	7	7	3	13
2740.818	0	1	-3.	6	(-3	7	10	2	7	0	0	13	7	7	0	13
2740.844	2	8	2.	7	(-3	12	10	3	6	-2	-1	13	5	6	2	12
2740.861	2:	13.	4.	6	(-3	10	9	3	7	-3	-1	12	6	6	2	13

J. D.	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252
243...																
1672.697	2	10	0	2	11	12	6	11	7	7	1	2	0	5	1	3
1672.721	0	10	0	0	10	11	7	14	6	7	1	0	0	5	1	4
1674.701	1	10	1	2	13	8	16	6	7	3	1	0	-1	-4	2	4
1675.702	0	9	1	2	6	13	6	9	5	6	9	0	-1	2	0	5
1676.702	0	10	0	0	13	12	6	12	5	6	7	3	-1	2	0	4
1677.691	1	10	1	1	8	12	6	9	4	6	2	2	0	-1	3	4
1682.668	—	—	—	—	—	—	—	1	—	—	—	2	—	—	—	—
1682.674	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
1682.702	—	—	1	—	-4	12	6	—	6	7	5	2	—	—	—	—
1700.683	—	—	1	—	9	12	7	10	4	7	5	0	—	—	—	4
1702.660	-3	8	1	0	6	13	7	8	6	5	6	4	4	5	2	3
1703.660	-4	11	1	0	-4	12	6	7	4	6	2	6	4	-3	0	4
1704.668	-4	12	0	1	3	12	7	8	5	7	2	7	4	-6	0	8
1705.655	-4	5	2	—	11	13	7	8	5	7	3	6	3	2	1	6
1706.654	-4	10	-2	—	4	14	7	9	7	7	12	6	4	4	1	6
1707.663	-3	9	1	—	-3	12	7	8	6	7	7	5	4	-4	2	9
1708.659	-4	10	1	-1	5	—	7	6	9	6	3	6	5	-6	0	2
1709.666	-3	10	1	0	7	13	7	6	7	6	0	7	5	4	-1	4
1941.948	-4	11	1	1	5	8	0	4	10	8	13	6	0	0	-2	3
1941.971	-4	10	0	0	8	8	0	4	8	8	12	4	—	-4	0	3
1942.955	-5	13	0	0	0	6	4	2	10	7	7	6	1	-4	-1	3
1942.985	—	—	—	—	—	—	3	—	—	—	3	—	1	—	0	2
1943.948	-5	5	1	0	5	6	3	3	8	7	5	7	0	-4	0	4
1943.971	-6	7	1	1	4	6	3	3	8	7	3	6	—	4	0	3
1947.945	—	—	1	—	10	7	4	6	8	7	7	3	—	—	1	—
1970.911	7	5	1	3	8	7	1	6	6	6	2	3	0	6	1	5
1971.892	6	10	1	5	-1	9	2	8	5	7	2	4	0	-4	1	4
1997.860	-1	10	0	—	7	14	5	3	3	1	3	3	—	3	-1	2
1998.792	0	10	-1	—	4	14	5	0	2	7	2	3	—	3	-1	5
1998.817	1	10	-1	—	7	13	4	0	3	7	3	3	—	1	-1	4
1998.851	-2	10	0	—	9	13	5	0	3	6	0	1	—	-3	-2	5
1998.875	-2	10	0	—	11	13	5	1	3	7	7	4	—	-6	-2	3
1999.773	1	—	-1	—	0	12	4	-4	3	7	-2	-2	—	0	-3	—
1999.798	0	—	0	—	-2	14	4	0	3	7	-4	0	—	-4	-3	5
1999.829	-2	—	-1	—	4	14	4	-3	2	7	8	0	—	-5	-3	3
2000.766	2	—	-1	5	4	11	4	-3	2	0	-5	2	—	-4	-2	4
2000.791	0	—	-1	—	7	11	5	-2	3	0	-1	3	—	-4	-1	1
2000.825	-1	—	-1	5	7	11	5	-2	2	0	8	2	—	-2	-2	1
2000.852	-1	—	-1	—	2	11	4	-3	3	2	6	0	—	3	-1	5
2001.762	-1	6	0	5	11	11	3	1	2	7	3	3	0	0	-3	4
2001.787	0	4	1	4	10	11	3	-1	3	7	6	3	0	6	-3	3
2001.817	0	8	2	4	9	13	5	0	4	7	8	5	1	4	-3	4
2001.841	-1	10	-1	3	7	13	4	0	2	6	5	3	0	0	-4	5
2001.867	-3	12	1	5	7	12	4	-2	2	6	3	2	1	0	-3	5
2002.752	2	9	1	6	-1	10	6	-3	3	7	5	2	0	4	-3	4
2002.773	0	10	1	5	8	12	5	-3	3	7	5	0	0	1	-4	6
2002.802	-2	12	1	3	9	11	6	-3	3	7	3	0	1	0	-3	3
2002.827	—	12	-2	—	12	—	—	—	4	7	2	0	—	-2	—	—
2002.833	—	12	—	—	11	—	—	—	4	7	1	0	—	-2	—	—
2002.850	-3	12	1	2	10	11	6	-0	4	5	-3	1	0	-5	-3	5
2002.875	-3	11	0	1	10	14	5	-2	3	7	2	-1	0	-5	-1	3
2029.706	-4	12	1	0	7	8	3	8	4	6	5	4	0	4	2	5
2029.799	-4	6	1	1	-0	7	3	8	6	4	-3	5	1	-5	2	4
2031.753	-4	9	1	2	3	3	5	9	6	7	2	6	2	6	2	4
2031.778	-6	10	1	1	6	4	3	8	6	6	5	4	1	3	1	3
2035.701	-4	13	1	3	4	7	3	7	0	3	4	0	0	0	0	6
2058.674	-6	7	-3	1	5	4	5	10	7	7	1	8	0	7	-3	3
2059.711	3	10	1	2	6	3	5	8	8	7	5	6	2	-2	-3	3
2060.683	-6	6	1	2	0	4	4	7	10	7	5	7	0	-4	-4	7
2060.708	3	7	1	1	5	4	3	7	10	8	4	5	0	-3	-4	3
2061.669	-5	9	0	1	-3	6	4	7	9	6	2	3	-1	0	-3	5
2061.710	5	10	1	1	-3	—	6	6	9	5	0	6	-1	5	-3	4
2062.668	-6	12	1	0	6	7	6	8	9	7	0	6	≤-2	4	-2	4

J. D.	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252
243...																
2062.694	1	10	1	0	3	7	5	8	8	6	-1	8:	-1	2	-3	4
2062.717	5	10:	1	1	1	7	6	8	9	7	2	4	-1	-2	-4	1
2063.674	0	10	1	3	9	7	6	8	9	7	1	5	-1	0	-3	4
2063.708	6	11	1	1	10	7:	4	8	7	7	5	6	-1	-4	-3	2
2088.639	0	10:	1	—	10:	10:	5	11	9	7	3	4:	—	3:	1	6:
2290.987	-5	—	1	—	5:	12	—	9	3:	8	7:	7:	—	-3:	-4	—
2349.846	-4	12:	1	3:	-1	6	1	14	4	0	6	12	1	4	-3	6
2349.871	-5	12:	1	4:	-2	6	1	13	3	0	3	12	1	3	-4	6
2349.902	-3	12:	0	0	-3	4	1	11	3	0	0	13	1	0	-3	5
2349.927	-4:	—	1	1	-3	7:	2	9	2	0	-1	12	1	-2:	-2	4
2350.814	-4	10:	1	—	4	4	1	8	2	7	5	15	1	3	-4	5
2350.923	-4	11	-1	—	-1	9	1	10	2	6	4	17	2	-5	-3	8
2387.747	-4	12	1	4	4	9:	2	9	7	-1	3	8	5	0	3	5
2387.770	-5	11	1	4	4	8	2	8	7	1	2	4	4	4	2	4
2387.799	0	12	1	3	1	8	1	8	6	2	2	5	5	3	3	6
2387.821	5	12	1	2:	0	—	1	7	6	4	2	6	6	0	3	3
2388.744	-5	10	0	5	6	10	3	7	6	8	3	7	7	2	4	5
2388.777	-5	10	1	5	8	10	4	7	5	8	1	9	6	0:	3	4
2388.811	4	10	1	3	9	9	—	8	5	8	2	7	7	-5	4	7
2413.694	3	5	1	1	5	13	5	8	10	7	6	8	2	-5	1	5
2413.726	1	5	1	1	8	12	6	7	10	6	4	6	1:	3	1	3
2413.748	0	7	1	2	10	11	4	6	10	5	1	6	1	3	1	5
2414.689	3	11	1	3	-3	14	4	6	11	6	3	5	1	5	0	3
2414.719	3	11	1	2	1	13	4	7	12	7	1	6	—	3	0	4
2414.744	1	12	0	1	3	12	5	6	11	7	1	5	1	-0	-1	5
2415.676	2	11	1	3	4	13	4	5	11	7	1	5	—	0	0	4
2415.699	1	12	1	2	1	13	6	4	11	7	1	5	-2	-3	0	5
2415.730	0	11:	1	1:	-3	11	6	7	11	7	3	5	-2	-6	0	3
2415.749	-3	12:	1	1:	-2	—	4	6:	11	6	4:	4	—	-6	0	5
2416.672	4	5	1	2	10	12	5	4	11	5	2	9	0	-3	0	6
2416.695	4:	4	1	3	8	12	6	6	10	4	0	6	-1	-6	1	5
2416.730	0	7:	1	3	7	9	4	4	10	1	6	3	—	-6	1	4
2416.753	-2:	8:	1	5:	5	10:	6	4	9	0:	9	4	0	2	0	3
2417.670	3	12	1	2	10	13	4	4	11	7	3	8	-1	-5	0	3
2417.702	2	12	1	—	11	11	5	4	10	8	5	7	-1	4	-1	5
2417.735	0	12:	1	—	10	12	3	4	11	6	8	5	-2	2	0	6
2438.659	-4	11	1	2	9	9	0	12	8	5	6	5	3:	-3	-1	2
2438.683	-4	12	1	2	10	9	0	10	9	5	9	6	4:	-6	-3	6
2705.874	-4	12	1	8	12	10	-1	6	4	7	2	3	4	3	0	5
2705.898	-4	12:	1	8	9	9	-1	8	4	8	6	1	3	1	1	7
2706.836	-6	13	1	9	0	9	-2	8	5	7	3	0	5	2	2	5
2706.916	-5	12	1	8	9	8	-2	6	7	7	4	3	4	-3	0	6
2706.945	-4	12	1	6	11	7	-1	7	5	7	3	0	2	-6	1	7
2736.785	6	11	1	10	5	11	-1	10	11	0	3	5	4	4	3	8
2736.821	3	11	1	10	4	11	-1	10	10	2	2	5	6	3	3	7
2736.855	1	9	1	9	2	12	-1	11	11	3	3	6	4	-2	3	7
2737.725	-3	12	1	11	8	8	-2	11	12	8	2	4	6	6	4	7
2737.759	7	13	1	10	7	7	-2	12	11	7	1	5	4	4	3	7
2737.790	4	13	1	11	6	10	-2:	13	10	7	0	5	6	0	3	7
2737.822	2	12	1	10	7	12	-3	13	11	7	4	4	5	-5	3	8
2737.857	1	11	1	9	6	13	-3	14	8	7	5:	3	4	-6	4	8
2739.728	-2:	8	1	12	1	7	-3	11	10	0	4:	5	5	-3	4	7
2739.759	6	8	1	10	3	7	-3	11	9	4	4	8	4	-1	5	6
2739.791	4:	8	1	11	3	11	-2	12	9	5	5	6	6	4	4	8
2739.822	3	10	1	9	2	10	-2	11	9	6	4	8	6	5	5	9
2739.845	1	12	1	8	1	11	-3	11	8	7	2	4	7	3	5	10
2739.867	-2	11	1	8	2	12	-3	11	8	7	1	5	7	0	4	10
2740.716	-1	11	1	10	6	6	-3	11	9	7	4	5	6	-3	4	7
2740.753	7	11	1	9	5	8	-3	10	9	7	9	6	6	6	3	8
2740.786	4	12	1	10	4	10	-2	10	9	8	7	7	7	4	3	9
2740.818	2	12	1	8	1	10	-3	10	9	7	4	6	6	0	4	8
2740.844	1	12	1	6	1	12	-3	9	10	8	2	7	6	-3	2	7
2740.861	1	11	1	8	-2	10	-1	10	9	7	1	4	6	-6	3	7

J. D.	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268
243...																
1672.697	0	14	-1	1.	5	3	-3	-3	2	-3	9	10	0	2	1	2
1672.721	0	14	0	0	6	5	-1	-3	2	-1	8	10	-1	2	1	-1
1674.701	3	14	-1	1	7	8	-0.	-4	2	-1	8	10	0	0	1	1
1675.702	2:	14	0	2	5.	1	-1	-3	2	3	9	10	1	-2	3	1
1676.702	2	14	-1	2	6	6	-2:	-4	2	0	8	10	-1	-1	3	1
1677.691	1	13	0	3	6.	2	-3	-5	2	-2	7	10	0	1	1.	1
1682.668	—	—	—	—	—	—	—	—	—	—	—	10	-1	—	—	—
1682.674	—	—	—	—	—	—	—	—	—	—	—	—	-2	—	—	—
1682.702	—	—	—	—	6:	3:	0:	4:	—	-1	9	8	0	1	1	—
1700.683	—	—	3:	—	7	8	2:	3	—	2	9	11	2	6	-2:	—
1702.660	-3	14	5:	0	5.	3:	0	0	3	-2	9	8	0	7	-4	1
1703.660	-4	14	5	1	5	0	-1	-4	4	0	5	7	-2	5	-3	2
1704.668	-4	14	7	0	6	3	-3	-5	4	0	8	7	-1	5	-4	1
1705.655	-4	11	6	1	6.	2	-2	-5	5	-2	8:	5	0	9	-4	1
1706.654	-4	—	6	1	6:	2:	-2	-4	5	-3	8:	7:	-1	6	-5	0
1707.663	-4	—	3	0	6	9	-2	-4	6	-2	5:	10	-1	7	-5	1:
1708.659	-4	14	5	1	3:	1	-3	-5	5	0	10	8	-1	6	-6	-1
1709.666	-5	12	5	1	4	7	-3	0:	4	1	9	8	0	5	-7	-1
1941.948	2	15	3	-2	6	4	0:	-3	4	-1	9	8	3.	0	1.	1
1941.971	2	16	4	-3	5	2	1:	-4	—	0	7	10	3	1	0.	1
1942.955	3	16	0:	-3	4:	8	1	-3	3	1	8	8	4	-2	0	1
1942.985	—	—	3:	—	4	—	3:	-3	3	-3	8	—	—	—	—	—
1943.948	2	16	3	-2	4.	2	1	-3	3	-3	—	7	4	1	1	-2
1943.971	3	16	5	-2	6.	0	2	1	2	-2	—	7	4.	0	0.	0
1947.945	—	18:	5:	-3	6	5:	4:	16	—	-2	5::	8:	1	-2	1.	1
1970.911	-3:	—	4	-3	5	6:	1	-2	4:	0	9	8:	0	3.	3.	-4:
1971.892	-1	19	3	-3	6.	3	1	-1	3:	3	3:	6	1	4	3	-6
1997.860	-3	18	5	0:	4:	7	1	1	5	0	7	8	0	7	-6	-5:
1998.792	-1	18	0	-1	5	2:	0	4	4	0	8	8	2	5	-7	-6:
1998.817	-1	18	3	-1	5.	2:	0	2	6	0	7	9	1	3:	-8	-6
1998.851	-2	19:	0	-1	4	2:	3:	2	6	0	8	7	1	3:	-7	-6
1998.875	-2:	18:	4	1	6	6:	2:	1	6	-1	6	7	0	5:	-4	-5:
1999.773	0	18:	6	-3	4.	5:	0:	5	7	-3	7	6	-1	6	-5	-5
1999.798	0	18:	4:	-2	4.	2:	0:	4	6	-1	8	9	0	6	-6	-5
1999.829	0	18:	4	-2	4.	6:	3:	1	5	-3	6:	7	1:	5	-5	-5
2000.766	-3	18:	4:	-3	6.	3:	0	3	4	-4	—	7	1	7	-5:	-6:
2000.791	0	18:	3	-3	6.	3:	2	2	4	-2	(5:	5:	0	5	-7	-6:
2000.825	0	17	4	-3	6.	3:	1:	3	4	-2	—	7:	-1	6	-6	-6:
2000.852	0	18:	3	-3	6.	3:	0:	0	5	-1	0:	7	-1	6	-6.	-6:
2001.762	0	18	5	-1	6	7	-1	1	4	-1	9	6	1	5	-7	-7
2001.787	-1	16	5	0	6	7	-2	0	3	0	7	9	0	4	-7	-7
2001.817	0	18	6	1	6	5	-2	-3	6	-1	8	7	0	5.	-7	-8
2001.841	1	18	2	1	7	1	-2	-4	3	0	8	6	1	6.	-7.	-8
2001.867	2	19	4	0	6	0	-1	-4	5	0	9	6	1.	6	-7	-7
2002.752	0	18	3	1	6	0	-3	1	7	1	6	8	0	6	-7	-7
2002.773	0	13	6	1	7	0	-2	-2	6	-2	8	5	1	5	-7	-6
2002.802	-2	19	5	0	6	3:	-3	-1	3	1	7	5	0	4	-6	-7
2002.827	—	—	—	—	—	4	—	—	—	-1	8	4	—	—	-7	-8
2002.833	—	—	—	—	—	6	—	—	—	0	7	6:	—	—	-7	-8
2002.850	1	17	3	0	6	8	0	-2	3	-1	6	4	-1	4	-7	-8
2002.875	0	18	5	-1	4:	8	0	-1	3	0	8	5	-2	4	-8	-8
2029.706	-2	13	4	-1	6	3	-1	3	2	2	4:	8	-4	6	4	0
2029.799	-2	12	0	-1	6	1:	0	1	2	2	7	8	-4	6	5	-1.
2031.753	-5	14	1	0	4	6	-3	2:	0	1	9	10	-4	9	3	-2
2031.778	-4	15	0	-1	5	7	-3	0	1	1	8	8	-5	7.	4	-4.
2035.701	-5	14	2	0	5	5	1	-1	1	4	8	7	-3	6.	0	-0.
2058.674	-5	10	-1	-3	5	-1	-1	1	3	2	9	6	-5	2	-8	0:
2059.711	-2	12	5	-3	5	7	-1	2	6	-3	7	8	-6	1	-7	0
2060.683	-5	12	0	-2	4	6	-1	5	4	-2	9	7	-4	0	-8	1
2062.708	-4	13	0	-2.	4	4	-1	4	5	0	9	5	-4	1	-8	0
2061.669	-4	13	0	-2	6	4	0	2	4	-2	0	9	-4	2	-9	2
2061.710	-6	14	5	-2	5	4	-2	2	6	-1	1	9	-3	1	-8	1
2062.668	-4	14	3	-2	5	7	-3	2	3	-3	9	6	-3	3	-7	1

J. D.	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268
243...																
2062.694	-5	11	0	-0.	6	6	-3	0	5	0	8	6	-3	3	-7	0
2062.717	-6	12	0	-0.	5	5	-4	-1	6	0	8	5	-4	3	-8	0
2063.674	-4	8	1	-2	7	4	-2	1	5	1	9	5	-3	2	-8	1
2063.708	-6	5	2	-3	0	0	-2	0	6	1	8	8	-3	0	-8	1
2088.639	—	12	4	1	6	0:	7::	5	5:	-3:	9	6:	0:	7	-1	0:
2290.987	—	—	6	1	7	3:	7::	3	—	1:	—	—	4	5	4	3
2349.846	-6	13:	6	-3	5	8	2	-3	1	6	9	2	6	6	0	5
2349.871	-5	13:	6	-3	6	7	0	-2	1	8	8	2.	6	7	-1	4
2349.902	-5	13:	5:	-2	4	4:	1	-1	3	6	8:	5	6	6	-2	5
2349.927	-4::	13:	4	-3	5	4:	2:	0	3	5	8	6	7	7	-3	6
2350.814	0	14:	3	-1.	6	0	-3	0	2	3	8	6	6	7.	1	3
2350.923	1	14:	2	-1:	5	8	0	-1	1	4	8	8	7	7	1	4
2387.747	0	14:	5	-1	5.	-2	3	-2	5	-3	9	8	6	1	2.	3
2387.770	-2:	14:	4	-2	5.	1	4	-1	5	-3	8	7	6	1	2	1
2387.799	0	14:	5	-1	5.	4	4	0	7	-2	9	7	5	3	2.	1
2387.821	0	14:	3	-1	—	6	3	3	3	0	9	8	6	2	3	2
2388.744	1	12	7	-2	6.	10	6	3	7	-1	8	8	5	1	5	0
2388.777	1	11	5	-2	6.	7.	5	2	3	1	8	9	4	1	3	0
2388.811	1	10	5	-2	6.	6	4	2	5	1	8	8	4	2	3	0
2413.694	0	11	7	1	6	7	-4	-3	4	0	10	10	4	6	0	1
2413.726	1	10	6	1	6	5	-5	-1	3	3	9	9	5	6	0	1
2413.748	1	11	5.	1.	3:	3	-5	-1	4	2	8	10	5	7	-3	1
2414.689	-1	11	5	0	5	5:	-5	-3	3	1	10	7	6	6	-2	1
2414.719	-1	10	7	0	5.	5:	-3	-4	3	2	8	7	6	7	-3	3
2414.744	-1	11	6.	-1	5.	8:	-5	-5	1	2	9	7	6	7	-1.	1
2415.676	0	10	6	-1	6	4	-5	-3	5	3	8	7	5	9	-1	1
2415.699	-1	9	4	0	6	2	-4	-2	5	1	6	5	5	8	-1.	1
2415.730	0	10	4	0	2	1	-3	-3:	6	2	3	8:	5	7	-1.	1
2415.749	-1	11	6	0	1.	2	-5	-3:	4	1	2	8	6	8	-3	1
2416.672	0	10	5	-1	6	6:	-4	-3	2	1	8	9	6	8	-3	1
2416.695	1	11:	6	0	6	8:	-5	-3	5	-3	6	5	6	9	-4	1
2416.730	0	6::	4	-1	6	6	-5	-3	4:	-2	5:	8	7	8	-4	1
2416.753	0	8::	3:	-1	6	7	-4	-4	2	-3	8:	8	7	9	-4	1
2417.670	1	13	5	-1	6	3	-3	-4	5	0	8	8	6	7.	-3	2
2417.702	1	13	6	0	6.	1	-5	-3	3	-2	8	7	6	9	-2	2
2417.735	1	13	5	—	6	—	-4::	-1	2:	0	7	8	6	8	-2	2
2438.659	1	13	3	1	5.	-2	-5	4	5	0	9	7	6	3	2	2
2438.683	1	13	4	1	5.	1	-3	4	5	-3	9	6	6	3	3	2
2705.874	-1	13	4	-2	6	0:	4	2	1	3	7:	7	1	5	1	2
2705.898	-3	13	3	-2	6	1:	5	4	3	3	8	7	1	4	2	2.
2706.836	-3	14	3	-4	5.	3:	4	4	2	3	8	7	1	4	2	2
2706.916	-1	14	5	-3	7	9	3	1	1	5	10	7	0	3	1	2
2706.945	-2	13	3	-4	6	6	3	2	1	4	8	5	0	4	1	2
2736.785	2	13	6	-1	6	7	2	2	3	5	10	6	0	5	-1	3
2736.821	2	13	5	-1	6	4	3	2	4	2	8	7	1	4	-2	4
2736.855	2	13	4	0	6	4	2	3	3	3	9	9	3	4	-3	2
2737.725	2	12	6	0	6	2:	3	3	3	2	9	5	0	6	-1	2
2737.759	3	12	5	0	7	3	4	1	3	5	8	8	1	5	-3	2
2737.790	2	12	6	-1	6	1	4	6	—	4	8	6	0	6	-3	2.
2737.822	2	13	4	0	6	3	5	4	5	1	6	8	0	6	-4	2.
2737.857	3	12	3	1	5.	8	3	2	2	2	3	4	1	6	-5	2.
2739.728	3	12	5	1	7	1	4	2.	2	1	8	8	1	6	-6	3
2739.759	2	13	4	1	7	1	4	1.	3	4	9	8	0	5	-1.	4
2739.791	3	11	3	1	7	3	2	0.	4	2	8	6	1	7	-1	4
2739.822	2	12	5	1.	6	5	2	-1	4	4	8	6	1	5	-2	3
2739.845	1	12	5	1	6	7	2	-2	3	2	9	8	0.	5	-1	3
2739.867	1	13	6	1.	7	8	2	-3	3	0	8	6	1	4	-3	2
2740.716	1	12	5	1	7	9	3	6	3	3	9	7	1	3	-1	3
2740.753	1	12	4	0	7	7	4	3	1	2	8	7	0	3	0	2
2740.786	0	12	3	0	7	6	4	1	2	4	8	8	1	3	0	3
2740.818	1	13	5	1	7	3	3	0:	2	1	7	5	1	2	0	2
2740.844	0	12	4	1	8	1	4	-2	1	2	8	4	0	3.	0	3
2740.861	-1	13	6	0	8	3	2	-2	2	3	9	4	1	3	0	2

J. D.	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284
243...																
1672.697	6	3	9	6	7	8	5	2	13	8	0	8	(-7	0	2	9
1672.721	7	2	10	6	5	6	5	5	15	9	0	8	(-7	0	3	10
1674.701	4	1	9	6:	4:	7	5	2	15	13	0	7:	(-7	0	3	9
1675.702	6	-1	9	9	9	9	7	11	12	9	0	16:	(-7	-2	4	10
1676.702	10	0	8	5	8	9	6	3	10	7	0	8	(-7	1	4	8
1677.691	7	0	9	7:	7	5:	3	9:	15	10:	1	8	(-7	1	2	6
1682.668	—	—	—	—	—	—	—	0::	12:	7:	—	—	—	—	—	—
1682.674	—	—	—	7::	7::	9::	—	3::	12	10:	—	—	—	—	—	—
1682.702	—	-1	6	5	8	8:	8	1	11	9	—	6:	(-7	1	4	1
1700.683	7	0	3	7	8:	5:	5	4:	14	12	0	—	—	0:	4	11
1702.660	7	1	1	6	8	8:	6	5	13	8:	-2:	10	(-8	-1	2	8
1703.660	4	0	1	3	8	8	8	7	12	12	-0:	8	(-8	0	3	9
1704.668	6	-4	0	3	7	7:	5	7	13	5	0	7	(-8	1	1	11
1705.655	6	0	-1	7	7	6:	4	5	11	7:	0	8	(-8	0	0	10
1706.654	5	-1:	0	7	7	4	4	3	13	6	0	9	(-8	-8	2	10
1707.663	6	0	0	7	6	8	8	7	16:	7:	0:	9	—	2	1	9
1708.659	6	1	1	6	5	8:	8	5	9	7	0	7	(-7	1	3	8
1709.666	6	-1	1	2	4:	9	5	5	10	7	1	7	(-7	0	2	8
1941.948	3	0	5:	6	7	8	3	10	12	10	0	8	(-7	0	2	4
1941.971	4	0	5	7:	6:	7:	7:	9	11:	9:	1	9	—	1	2	4
1942.955	3	0	5	7	8	8	4:	4	10	8:	1	8	(-7	2	1	10
1942.985	—	—	—	—	—	9	9:	—	—	—	—	—	—	—	—	—
1943.948	3	0	6	2:	6	9	4	9	9	5	0:	7	—	-1	3	9
1943.971	3	0	5	1:	6	9	6	10	9	9	0	10	(-6	-3	3	8
1947.945	2	0	5	7:	6:	7:	8	10:	14:	9:	0:	8	—	1:	0:	7
1970.911	6	2	2	5:	5:	8	8	4	14	14	0	8	—	0:	5	8
1971.892	4	2	1	7	6	7	4	4	10	11	0	7	—	2	4	9
1997.860	5	3	8	5:	6:	8	9	8	12	10	≤-1:	11	—	3	4	10
1998.792	4	5	9	6	8	8	8	7	14:	12:	(0:	7	—	1	3	8
1998.817	6	5	9	4:	6	8:	8	6	10	13	0	10	—	1	4	9
1998.851	4	6	9	3:	5	8	6	0	11	14	0	8	—	0:	4	8
1998.875	1	7	9	6:	7	8	7	2	11	12	0:	8	—	3	2	9
1999.773	3	7	10	5:	6:	7:	9	3	16:	—	0:	10	—	3	5	9
1999.798	6:	6	8	3:	5:	8:	8	3	14:	13:	0	9	—	3	3	7
1999.829	5	5	9	6:	7	9:	8	8:	14:	12	0:	8	—	3	4	6
2000.766	6	5	8	0:	6:	8	—	8:	14:	—	—	10	—	3	1	9
2000.791	7	6	8	1:	—	7	9	8:	14	12:	—	9	—	2	3	8
2000.825	3	8	8	5:	7:	7:	5	5:	14	10	0	10	—	4	2	8
2000.852	6	7	8	7:	7:	7:	5	0	14:	9	—	10	—	1:	3	7
2001.762	3	7	4	7	7	8	4	1	11	12	-2:	8	(-6	2	2	9
2001.787	5	7	5	6	6	5:	4	1:	12	13	0	8	(-6	0	2	8
2001.817	4	6:	4	7	6	6	3	6	11	12	0	10	(-7	1	4	6
2001.841	4	6	3	6	7	5:	3	6	11	11	0	8	(-7	0	3	8
2001.867	3	5	4	6	5	4:	4	7	12	11	0	9	(-7	1	2	10
2002.752	5	6	3	3	6	6:	4	9	11	12	0:	7	(-7	1	2	9
2002.773	4	7	4	0	7	6	6	8	10	13	0	9	(-7	1	3	8
2002.802	4	6	4	4	9	3:	5	5	12	12	0:	10	(-7	3	4	10
2002.827	—	5:	—	—	7:	—	—	3:	12	12	—	—	—	1:	2:	8:
2002.833	—	5:	—	—	—	—	—	—	12	11	—	—	—	—	2:	8
2002.850	5	6	4	7	8	6	7	2	12	10	0	8	—	0	3	8
2002.875	3	4	4	6:	7:	7:	5	0	9	11	0	8	(-5	-1	4	7
2029.706	7	-4	1	0	7	8	4	2	13	6	0	8	—	0	0	10
2029.709	9	-6	0	5:	6:	7	4	6	11	10:	0	5	—	-1	1	8
2031.753	7	-7	2	7	7	8	5	7	12	11	0	9	(-4	1	0	9
2031.778	9	-6	3	6	4	8	4	7	12	13	0	10	(-4	0	3	7:
2035.701	6	-9	3:	-1	8	6	5	3	12	5	1	8	—	-3:	0	4
2058.674	5	-9	9	7	7	7	5	6	12	12	0	8	—	2	3	8
2059.711	10	-8	8	6	8	9	5	9	12	8	0:	10	(-5	0	1	10
2060.683	7	-7	7	5:	6	8:	5	6	10	10	1	10	(-5	1	0	10
2060.708	7	-9	7	4	7	8:	6	4	9	13	0:	8	(-5	1	2	8
2061.669	7	-8	6	7	7	7	7	4	11	10	0:	10	(-7	2	1	10
2061.710	8:	-6	6	7	8	8	5	6	13	10	0:	8	—	0	1	9
2062.668	8	-5	7	3	6	7:	9	5	13	8	-0:	-2	(-7	-2	-1	2::

J. D.	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284
243...																
2062.694	9	-6	5	1	7	5	6	2	12	11	1	0	(-7	-6	-2	-2
2062.717	9	-5	5	3:	6	7	5:	0	13	13	0	3:	(-7	-7	1	-3
2063.674	10	-5	4	5	6	7	3	7	12	5	0	10	(-7	1	2	10
2063.708	9	-5	5	7	5	7	1	7	11	9:	-3:	11	(-7	0	1	9
2088.639	5	10	6::	7:	8:	8	6	4	15:	10:	0:	11	—	2	3	11
2290.987	2	-5	6:	6:	—	—	6	9:	11	12	—	11	—	4::	5	9
2349.846	1	5	-1	7	6	9	5	5	11	8	1	9	—	1	-4	8
2349.871	1	4	-2	7	8	8	7	3	11	8	1	10	—	-1	-2	8
2349.902	2	4	-2	6	—	8	8	4:	10	7	0:	10	—	3:	0:	9
2349.927	2	5	-2	7:	—	8	6	3:	11	7	0:	10	—	1:	-1	7
2350.814	2	5	-2	1	7	8	8	3	12	11:	0:	8	(-7	0	1	8
2350.923	2	5	-2	0	6	6	8	5	18	6	0	9	—	0	2	8
2387.747	8	0	0	7	8	6	7	5	12	7	1	10	(-7	2	1	9
2387.770	8	0	1	7	8::	6	7	5	11	13	-3:	8:	(-7	4::	2	9
2387.799	9	1	2	7	7	5	6	1	12	11	0	8:	(-7	1	1	8
2387.821	8	-1	3	7	7	5	5	1	12	9	(0:	8:	—	0	0	7
2388.744	7	-6	3	4	6	7:	5	8	10	8	-4:	8	—	1	-5:	8
2388.777	7	-5	3	2	6	8:	4	10	11	11	0	8	—	1	-4:	8
2388.811	8	-5	3	1:	6	6:	6	9	10	9	1	7	—	0	-3	8
2413.694	5	-5	4	3	6	8	6	7	7:	7:	0	3	—	-7	0	8
2413.726	5	-4	4	4::	5	7:	3	3	8	8	0:	0	-4:	-8	1	6
2413.748	5	-1	4	2	5	6	6	2	10	8	0:	0	—	-7	1	6
2414.689	5	0	4	7	4	3:	6	7	12	9	≤-4:	7	-3	2	-1	6
2414.719	6	-1	3	6	5	6	2	7	11	10	-1:	7	—	3	2	5
2414.744	5	-3	3	6	5	6	2	10	12	7	0:	10	—	0	1	7
2415.676	6	-3	3	2	5	7:	7	8	12	14	0	8	-2::	3	0	5
2415.699	6	0	3	-1	6	5	7	3	11	7	0	7	—	3	1	8
2415.730	6	1:	2	2	—	6	5	1	12	9	-0:	9	—	4	0	7
2415.749	5	0	3	3:	6:	6:	4	0:	13	12:	1:	8	—	-1:	0	—
2416.672	6	1	4	7	5	9	7	6	12	10	≤-4:	8	0	0	0	6
2416.695	6	0	2	5	4	9	6	10	12	9	≤-5:	7	0:	1	2	7
2416.730	6	0	2	5:	—	5:	4	7:	13	10	≤-5	6	—	0	0	8
2416.753	6	-2	3	6:	—	6:	9	6:	12	10	0:	6::	—	2	0	6
2417.670	5	-3:	2	5	5	7	6	6	11	6	-1	9	1	0	2	7
2417.702	5	-1	1	6	—	9	6	2	14	10	0	10	1	3	3	8
2417.735	5	-3	2	6	—	7	8	2	11	10	1	8	2	-1	-1	7
2438.659	7	0	2	7	3:	7	7	6:	8	11	1	-3	—	0	-3	9
2438.683	7	1	3	6	5	7	8	7	11	11	1	-2	4	2	-2	8
2705.874	1	6	-2	7	—	7	8	8	12	—	—	0	(0	4	2	9
2705.898	1	5	-3	7	—	6	7	10	10	13	0	-2	(0	2	1	8
2706.836	2	4	-2	3:	—	6:	8	4	8:	13	0	10	—	1	0	6
2706.916	3	5	-3	0	—	8	4	6	6:	9	-1	9	(-7	1	0	8
2706.945	3	4	-2	1:	—	7	5	5	7:	10	1	10	—	2	1	8
2736.785	3	0	1	4	6	8	4	5	6	12	0	7	-3:	0	-2	9
2736.821	4	-1	0	4	4	7	6	1	6	8	0	9	-3:	1	1	10
2736.855	3	-2	1	2	6	6	7	5	7	9	0	8	-4:	0	0	10
2737.725	4	-3	-0	6	6	7	7	3	8	11	-1	8	-1	0	0	7
2737.759	4	-4	0	7	3	7	6	9	8	10	0	8	2	-0	-3	8
2737.790	4	-1	1	7	5	7	6	9	10	6	0	7	0	0	0	9
2737.822	4	-3	1	6	6	5	5	8	11	10	-3:	8	0:	2	0	8
2737.857	3	0	0	6	6	5	8	3	12	9	-4:	7	—	0	1	8
2739.728	3	-2	-2	4	5	6	6	7	11	10	0	10	2	2	-3	9
2739.759	3	-4	-2	4:	3:	7	6	11	12	10	-0	10	2	1	0	8
2739.791	3	-2	-2	4	2	8	4	9	10	9	0	11	1	0	0	9
2739.822	3	0	-2	4:	1	8	3	6	9	8	0	9	1	1	-1	7
2739.845	2	0	-1	3	5	8	2	5	11	10	-1	8	1	2	-1	9
2739.867	4	-2	-2	2	5	8	3	4	11	8	0	9	0	1	0	7
2740.716	2	0	-2	7	6	7:	5	8	11	9	1	10	2	1	-2	10
2740.753	1	-3	-2	6:	6	8	2	4	9	8	-2	10	3	1	-1:	8
2740.786	3	-5	-3	7	4	9	3	1	8	5	1	9	1	-1	-5:	7
2740.818	2	-2	-2	7	5:	9	6	3	9	2	0	10	2	1	1	9
2740.844	3	-4	-3	7	6	7	6	7	7	6	0:	11	2	-1	2:	9
2740.861	3	0	-3	6	5:	7:	5	5	6:	10	-4:	10	2	0	2	8