

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
1	北極 1	87.23	5.15	5563	8102	10494	7 β	UMi	222.6763600	74.1555050	-0.00788	0.0119	2.06
2	北極 2	85.48	6.77	5735	8220	10828	13 γ	UMi	230.1821479	71.8340161	-0.00386	0.0177	3.03
3	北極 3	87.75	3.71	5430	8024	10262	5 a	UMi	216.8814296	75.6959928	0.00235	0.0221	4.24
4	北極 4	89.06	1.98	5321	7958	10067	4	UMi	212.2121954	77.5475142	-0.00939	0.0334	4.80
5	北極 5	66.04	0.08	4852	2080	9225		Cam	191.1083883	80.6210242	0.01287	-0.0426	6.33
6	四輔 1	132.02	2.15	5203	2266	9802		Cam	205.5962288	82.7524078	0.01726	-0.0425	5.92
7	四輔 2	186.20	1.94	4893	2102	9268		Cam	192.3069054	83.4129008	-0.01636	0.0176	5.31
8	四輔 3	272.29	1.54	4586	1967	8778		Cam	180.0775133	80.8531861	-0.02739	-0.0376	6.22
9	四輔 4	363.26	1.53	4646	7522	8894		Cam	183.0497575	77.6162414	0.00327	0.0202	5.15
10	鈎陳 1	155.60	3.62	4686	2010	8917		UMi	183.8344842	87.7001156	-0.04511	0.0520	6.27
11	鈎陳 2	169.15	6.48	285	181	709		Cep	17.1869888	86.2570903	0.08205	-0.0114	4.24
12	鈎陳 3	179.52	4.59	2609	1168	5655		Cep	115.1270475	87.0200911	-0.06858	-0.0269	5.05
13	鈎陳 4	140.17	5.08	6789	2937	12358	23 δ	UMi	263.0541683	86.5864606	0.01180	0.0540	4.35
14	鈎陳 5	118.41	5.53	6322	2770	11792	22 ϵ	UMi	251.4926825	82.0372619	0.00940	0.0047	4.22
15	鈎陳 6	96.92	5.62	5903	8328	11095	16 ζ	UMi	236.0146638	77.7944931	0.00633	-0.0025	4.29
16	天皇	159.68	5.18	424	308	1542	1 α	UMi	37.9545154	89.2641094	0.22953	-0.0118	2.00
17	天柱 1	125.91	7.03	7160	9256	13328		Dra	281.4087604	79.9426731	0.00475	0.0676	6.40
18	天柱 2	125.49	9.23	7312	9341	13710	59	Dra	287.2911588	76.5605022	0.01481	-0.1198	5.12
19	天柱 3	135.06	9.17	7750	9665	14545	1 κ	Cep	302.2222788	77.7114194	0.00348	0.0237	4.40
20	天柱 4	144.59	8.37	8016	3467	15059		Dra	311.8894038	80.5522619	-0.01138	-0.0369	5.36
21	天柱 5	137.02	7.18	7901	3408	14797	75	Dra	307.0607767	81.4227086	0.01507	0.0162	5.37
22	御女 1	95.55	11.24	6636	8890	12466	31 ψ 1	Dra	265.4848238	72.1488433	0.00579	-0.2698	4.57
23	御女 2	91.06	10.01	6335	8667	11919		Dra	254.0697317	73.1278667	-0.00020	-0.0205	6.29
24	御女 3	100.18	10.03	6701	8939	12556	35	Dra	267.3626392	76.9628808	0.01103	0.2480	5.03
25	御女 4	96.43	8.81	6379	8697	11979		UMi	255.4171383	75.2974975	0.00372	-0.0696	6.17
26	女史	107.50	10.02	6927	9087	12990	44 χ	Dra	275.2640942	72.7328431	0.11927	-0.3516	3.57
27	天柱史	117.00	9.91	7117	9241	13332		Dra	281.4448650	74.0855528	0.00125	0.0820	5.24
28	尚書 1	73.24	11.47	6025	16962	11345		Dra	241.5819854	67.8101336	-0.00634	0.0627	5.44
29	尚書 2	82.89	12.36	6069	16993	11424		Dra	243.1056654	67.1441758	-0.00205	-0.0426	6.21
30	尚書 3	84.06	10.95	6161	17107	11592	15 A	Dra	246.9958904	68.7681372	-0.00452	0.0338	4.97
31	尚書 4	81.44	9.72	6126	17062	11528		Dra	245.4529633	69.1093914	-0.00346	-0.0106	5.27
32	尚書 5	75.14	8.95	6088	8462	11452		UMi	243.6393496	73.3948917	-0.00253	0.0343	6.02
33	天牀 1	359.02	16.22	4867	15907	9263		UMa	192.1644317	60.3198222	0.01451	-0.0306	5.84
34	天牀 2	362.77	13.82	4934	15962	9400		Dra	195.4455288	63.6102250	-0.02573	0.0255	6.02
35	天牀 3	9.77	17.19	5085	16080	9663		UMa	202.1128633	59.9457867	-0.01039	0.0345	5.46
36	天牀 4	17.91	14.79	5213	16186	9878		UMa	207.4396042	61.4893131	0.00875	-0.0957	5.97
37	天牀 5	30.74	18.44	5442	29191	10308		Dra	218.1288983	55.3980097	0.00067	-0.0148	5.72
38	天牀 6	31.83	15.80	5437	16411	10302		Dra	217.9283804	60.2256356	-0.00650	0.0197	6.27
39	大理 1	56.99	4.92	5691	16660	10755		UMi	228.6597458	67.3467225	0.03834	-0.3923	5.15
40	大理 2	40.56	5.34	5589	16558	10571		UMi	224.3958633	65.9324603	-0.01279	0.0325	4.69
41	陰德 1	57.71	10.68	5886	16848	11118		Dra	236.6666888	62.5995569	0.00579	-0.0565	5.20
42	陰德 2	45.79	10.53	5731	16712	10852		Dra	230.6552404	62.0470758	0.00132	-0.0385	5.99
43	六甲 1	178.75	22.07	365	4358	768		Cas	19.0496125	71.7438506	-0.00034	-0.0012	5.91
44	六甲 2	181.43	20.92	456	4453	1012	40	Cas	24.6288229	73.0400400	-0.00270	-0.0132	5.28
45	六甲 3	181.56	19.48	449	4448	995		Cas	24.3425913	74.3009547	0.00441	-0.0030	6.59
46	六甲 4	178.73	18.15	381	4387	825		Cas	20.4962738	76.2388042	0.01902	-0.0343	6.37
47	六甲 5	175.83	19.29	208	4226	503	23	Cas	11.9418888	74.8475731	0.00383	-0.0059	5.43
48	六甲 6	176.14	20.96	212	4229	507		Cas	12.0380725	72.6744817	0.02993	0.0099	5.86
49	五帝 1	158.66	17.18	8819	10629	16694	33 π	Cep	346.9743808	75.3874961	0.00152	-0.0351	4.42
50	五帝 2	163.92	17.52	8972	10817	17017		Cep	354.8381217	74.0026286	-0.00206	0.0056	5.98
51	五帝 3	160.00	15.69	8974	10818	17016	35 γ	Cep	354.8368708	77.6322758	-0.01521	0.1272	3.22
52	五帝 4	153.23	16.99	8599	10414	16296		Cep	338.0676088	76.2264414	-0.00559	-0.0111	5.70
53	五帝 5	158.23	18.77	8615	10425	16327	31	Cep	338.9422321	73.6431881	0.04103	0.0251	5.08
54	華蓋 1	196.41	23.61	829	12472	1761		Cas	42.9947988	68.8884969	0.00037	-0.0082	5.94
55	華蓋 2	194.16	24.61	707	12298	1519	ι	Cas	37.2664408	67.4024739	-0.00484	0.0371	4.63
56	華蓋 3	191.86	25.27	548	12038	1186	46 ω	Cas	29.0001083	68.6852417	0.00254	-0.0097	4.98
57	華蓋 4	188.26	25.52	478	11919	1053	43	Cas	25.5855300	68.0430211	0.00946	-0.0103	5.57

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
58	華蓋 5	185.67	24.68	399	11751	870	36 ψ	Cas	21.4834238	68.1300125	0.01344	0.0268	4.72
59	華蓋 6	183.97	23.46	336	11612	727	31	Cas	17.6638429	68.7786208	0.00649	-0.0275	5.32
60	華蓋 7	183.57	22.41	278	4288	620		Cas	15.1291867	70.9829883	0.01569	-0.0065	6.40
61	杠 1	190.46	21.92	575	4554	1251	48 A	Cas	30.4893862	70.9070200	-0.01110	-0.0107	4.52
62	杠 2	188.75	19.30	580	4560	1274	50	Cas	30.8587725	72.4212944	-0.00971	0.0225	3.95
63	杠 3	192.24	18.04	743	4694	1617		Cas	39.5084629	72.8182517	-0.00652	0.0152	5.18
64	杠 4	188.71	17.14	626	4599	1373		Cas	33.3381046	74.0277208	0.01140	-0.0368	6.26
65	杠 5	188.38	15.84	592	4565	1293	49	Cas	31.3814508	76.1150606	-0.00339	-0.0205	5.22
66	杠 6	188.63	14.27	581	4562	1290	47	Cas	31.2809225	77.2813408	0.04206	-0.0476	5.27
67	杠 7	188.81	12.88	597	344	1330		Cep	32.3554692	81.2959456	-0.01504	0.0071	6.05
68	杠 8	188.48	11.06	965	550	2177		Cep	53.0838546	84.9110397	0.04687	-0.1330	5.61
69	杠 9	188.37	9.25	1107	623	2604		Cep	62.5068263	86.6261386	0.16164	-0.0876	5.84
70	西藩 1	219.86	10.95	1686	5496	3437		Cam	80.6397163	79.2311486	-0.02805	0.1611	5.09
71	西藩 2	245.41	10.84	2527	6022	5008		Cam	105.0168225	76.9774078	0.02165	-0.0139	4.54
72	西藩 3	268.12	11.43	3075	6378	5957		Cam	120.0489100	73.9179192	-0.00203	-0.0374	5.35
73	西藩 4	292.61	12.29	3771	6897	7234	24 d	UMa	143.6202492	69.8303428	-0.01236	0.0776	4.56
74	西藩 5	314.74	13.12	4181	15269	7996		UMa	160.7668329	69.0762139	0.00005	-0.0129	4.99
75	西藩 6	331.35	13.14	4434	15532	8484	1 λ	Dra	172.8509188	69.3310758	-0.00777	-0.0188	3.81
76	西藩 7	347.60	13.22	4787	7593	9116	5 κ	Dra	188.3706013	69.7882378	-0.01122	0.0114	3.89
77	東藩 1	39.88	14.98	5744	29520	10880	12 ι	Dra	231.2323946	58.9660656	-0.00107	0.0173	3.30
78	東藩 2	53.72	15.66	5986	29765	11290	13 θ	Dra	240.4722738	58.5652514	-0.04092	0.3350	4.01
79	東藩 3	68.49	15.55	6132	17074	11548	14 η	Dra	245.9978588	61.5142131	-0.00237	0.0567	2.73
80	東藩 4	82.49	15.61	6396	17365	12058	22 ζ	Dra	257.1966483	65.7146833	-0.00337	0.0192	3.18
81	東藩 5	99.30	15.70	6596	17576	12411	28 ω	Dra	264.2378838	68.7579697	0.00025	0.3211	4.78
82	東藩 6	113.19	15.75	6920	9084	12980	43 ϕ	Dra	275.1892933	71.3378144	-0.00123	0.0358	4.23
83	東藩 7	127.29	15.64	7352	9366	13788	60 τ	Dra	288.8877346	73.3554681	-0.02714	0.1043	4.45
84	東藩 8	145.47	15.01	7879	9802	14848	73	Dra	307.8767217	74.9546194	0.00163	-0.0165	5.19
85	天一	347.38	15.03	4928	15960	9384	9	Dra	194.9794613	66.5972719	-0.02346	-0.0146	5.37
86	太一	347.68	16.68	4916	15941	9337	8	Dra	193.8689525	65.4384736	-0.00074	-0.0304	5.23
87	內厨 1	347.28	18.68	4760	28405	9079	74	UMa	187.4888525	58.4057422	-0.00850	0.0888	5.36
88	內厨 2	354.89	18.43	4931	28601	9394	78	UMa	195.1820829	56.3663378	0.01304	0.0027	4.94
89	北斗 1	316.14	21.15	4301	15384	8209	50 α	UMa	165.9319529	61.7510333	-0.01922	-0.0352	1.82
90	北斗 2	319.42	25.82	4295	27876	8191	48 β	UMa	165.4603200	56.3824267	0.00983	0.0337	2.35
91	北斗 3	331.46	26.62	4554	28179	8707	64 γ	UMa	178.4576979	53.6947600	0.01213	0.0112	2.43
92	北斗 4	335.50	22.39	4660	28315	8918	69 δ	UMa	183.8565004	57.0326169	0.01269	0.0078	3.30
93	北斗 5	348.57	20.60	4905	28553	9316	77 ε	UMa	193.5072892	55.9598211	0.01331	-0.0090	1.76
94	北斗 6	361.43	20.40	5054	28737	9616	79 ζ	UMa	200.9814288	54.9253617	0.01406	-0.0220	2.22
95	北斗 7	7.91	24.84	5191	44752	9856	85 η	UMa	206.8851567	49.3132650	-0.01240	-0.0156	1.86
96	輔	361.88	19.42	5109	28803	9714	81	UMa	203.5304408	55.3484336	-0.00219	-0.0066	5.60
97	天槍 1	19.80	21.55	5404	29137	10237	23 θ	Boo	216.2991517	51.8507436	-0.02548	-0.3991	4.05
98	天槍 2	13.97	21.39	5329	29046	10101	17 κ 2	Boo	213.3708658	51.7899650	0.00662	-0.0106	4.52
99	天槍 3	18.34	19.60	5372	29098	10169		Boo	214.7329513	54.8637531	-0.00217	-0.0086	6.48
100	玄戈	27.95	27.02	5351	44965	10137	19 λ	Boo	214.0959113	46.0883056	-0.01802	0.1590	4.18
101	三公 1	358.94	31.02	4846	44317	9231		CVn	191.2826125	45.4402561	-0.00021	0.0131	5.27
102	三公 2	361.45	28.83	4909	44383	9328		CVn	193.7355054	47.1967219	-0.00169	-0.0065	5.85
103	三公 3	364.59	30.80	4945	44465	9423		CVn	196.4677804	45.2685497	-0.00138	0.0246	5.64
104	相	354.82	28.97	4716	28366	9011	5	CVn	186.0062275	51.5622567	0.00141	0.0113	4.76
105	天理 1	324.05	22.74	4493	28093	8589		UMa	175.1142900	57.9704044	-0.00118	0.0127	6.34
106	天理 2	324.74	24.42	4424	28035	8469		UMa	172.4315171	56.7375731	-0.01088	-0.0338	6.29
107	天理 3	329.28	24.42	4521	28142	8651		UMa	176.7317604	55.6281900	0.00159	-0.0319	5.25
108	天理 4	330.00	22.73	4566	28191	8726	66	UMa	178.9933996	56.5985597	0.00093	-0.0012	5.83
109	太陽守	343.70	30.91	4518	43886	8646	63 χ	UMa	176.5125583	47.7794058	-0.01373	0.0284	3.70
110	大尊	314.00	36.00	4335	43629	8269	52 ψ	UMa	167.4158683	44.4984869	-0.00583	-0.0274	3.00
111	天牢 1	313.18	28.47	4141	27695	7906	37	UMa	158.7903871	57.0826367	0.00805	0.0371	5.16
112	天牢 2	313.03	29.86	4112	27670	7859	36	UMa	157.6565825	55.9805364	-0.02109	-0.0335	4.83
113	天牢 3	315.09	30.83	4165	27724	7956		UMa	159.7735646	53.6683003	-0.01014	-0.0794	5.54
114	天牢 4	317.49	30.04	4246	27815	8113	44	UMa	163.3935479	54.5851283	-0.00769	-0.0098	5.12

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
115	天牢 5	317.35	28.73	4235	27791	8087	43	UMa	162.7958733	56.5822500	-0.00841	0.0055	5.66
116	天牢 6	315.40	27.89	4187	27748	8005	39	UMa	160.9305654	57.1992031	0.00214	-0.0517	5.79
117	勢 1	332.04	29.60	4474	28081	8560		UMa	174.4708521	50.6182108	-0.00497	-0.0265	6.12
118	勢 2	329.38	29.82	4363	27970	8336		UMa	169.0168008	52.7731606	0.01761	0.0568	6.49
119	勢 3	329.36	31.82	4367	43675	8344		UMa	169.1743733	49.4762503	-0.00874	-0.0110	5.88
120	勢 4	331.93	31.57	4435	43790	8480		UMa	172.7206225	47.9289178	-0.02210	-0.0753	6.40
121	文昌 1	290.59	30.81	3662	27191	6993	18 e	UMa	139.0471983	54.0218575	0.00558	0.0598	4.82
122	文昌 2	292.58	32.56	3619	27136	6907	15 f	UMa	137.2177342	51.6046483	-0.01479	-0.0325	4.46
123	文昌 3	296.03	32.87	3697	27215	7053		UMa	140.1823413	51.2660658	-0.00370	0.1454	6.15
124	文昌 4	299.13	31.46	3775	27289	7212	25 θ	UMa	143.2143096	51.6773003	-0.10182	-0.5356	3.18
125	文昌 5	300.64	29.85	3894	27408	7437	30 ϕ	UMa	148.0265504	54.0643467	0.00098	0.0157	4.56
126	文昌 6	297.64	27.97	3870	27377	7379		UMa	146.6319346	57.1280703	0.00002	0.0331	5.13
127	文昌 7	293.46	27.47	3660	27185	6989	17	UMa	138.9574254	56.7414067	-0.00302	-0.0292	5.28
128	内階 1	288.13	25.28	3506	27026	6730		UMa	133.2747788	59.0561400	0.00201	-0.0012	6.34
129	内階 2	281.61	23.55	3323	14573	6385	1 o	UMa	127.5661250	60.7181692	-0.01831	-0.1077	3.36
130	内階 3	292.25	21.63	3757	14908	7192	23 h	UMa	142.8821171	63.0618608	0.01583	0.0269	3.65
131	内階 4	286.52	20.54	3624	14796	6927	14 τ	UMa	137.7294204	63.5136328	0.01482	-0.0610	4.64
132	内階 5	298.32	18.32	3859	14976	7350		UMa	146.1522879	64.9841125	-0.00867	0.0192	6.18
133	内階 6	292.05	16.56	3616	14788	6925	13 σ 2	UMa	137.5981063	67.1340181	0.00221	-0.0909	4.82
134	三公 1	305.50	24.47	3888	27401	7423	29 ν	UMa	147.7473242	59.0387356	-0.03816	-0.1518	3.78
135	三公 2	308.48	26.24	3939	27464	7519		UMa	149.9653596	56.8118075	-0.00384	-0.0280	5.49
136	三公 3	309.19	24.01	4008	15129	7669		UMa	153.7819463	59.9855394	0.00190	0.0051	6.19
137	八穀 1	260.28	24.30	2946	26474	5692	24	Lyn	115.7517338	58.7103603	-0.00475	-0.0521	4.96
138	八穀 2	249.27	24.55	2560	26051	4968	15	Lyn	104.3191913	58.4227594	0.00084	-0.1235	4.36
139	八穀 3	242.55	24.86	2238	25665	4344	2	Lyn	94.9057783	59.0109644	-0.00045	0.0244	4.45
140	八穀 4	242.09	22.33	2215	13787	4315	1	Lyn	94.4784175	61.5152864	-0.00134	-0.0024	5.03
141	八穀 5	236.09	22.54	1976	13618	3869		Cam	87.2693875	62.8081900	-0.00275	-0.0024	6.20
142	八穀 6	236.25	25.08	2027	25447	3960	31	Cam	88.7409479	59.8883672	0.00027	-0.0185	5.20
143	八穀 7	238.00	27.74	2077	25502	4019	33 δ	Aur	89.8818192	54.2846561	0.00986	-0.1341	3.73
144	八穀 8	242.67	27.77	2264	25681	4379	45	Aur	95.4422079	53.4521792	0.00249	-0.0889	5.34
145	伝舎 1	166.65	29.15	9013	20853	17088		Cep	356.9782088	67.8068081	0.00257	-0.0019	5.05
146	伝舎 2	171.52	29.34	121	11243	331	13	Cas	7.8551258	66.5196172	0.00324	-0.0039	6.18
147	伝舎 3	177.29	29.54	273	11502	606		Cas	14.6294254	66.3517933	0.00722	-0.0132	5.97
148	伝舎 4	182.61	29.78	428	11788	927		Cas	22.7171662	66.0980875	0.01231	-0.0112	6.15
149	伝舎 5	188.41	30.14	640	12180	1385	55	Cas	33.6212233	66.5244286	-0.00116	-0.0056	6.06
150	伝舎 6	194.91	30.13	747	12361	1612		Cas	39.4002825	65.7453361	0.00697	-0.0089	5.79
151	伝舎 7	199.91	30.34	985	12704	2047		Cam	49.9969696	65.6522925	0.00182	-0.0143	4.74
152	伝舎 8	205.66	29.96	1155	12916	2383		Cam	57.3803413	65.5259725	-0.00040	-0.0140	4.42
153	伝舎 9	212.53	29.79	1327	13098	2733		Cam	65.1680225	65.1404414	-0.00452	-0.0047	5.26
154	天厨 1	120.46	25.73	7371	18299	13867	58 π	Dra	290.1670500	65.7145314	0.00228	0.0416	4.59
155	天厨 2	132.60	24.11	7685	18676	14466	67 ρ	Dra	300.7044696	67.8735650	0.00291	0.0478	4.51
156	天厨 3	129.13	21.56	7582	9540	14244	63 ε	Dra	297.0431338	70.2679303	0.01583	0.0390	3.84
157	天厨 4	116.29	23.46	7310	18222	13750	57 δ	Dra	288.1387500	67.6615414	0.01657	0.0923	3.08
158	天厨 5	104.28	24.24	6850	17828	12894	36	Dra	273.4743050	64.3972869	0.05425	0.0360	5.00
159	天厨 6	108.65	26.44	7018	17958	13217		Dra	279.3895858	62.5265906	-0.00121	0.0526	5.74
160	天棒 1	65.07	34.68	6588	46872	12438	85 ι	Her	264.8661933	46.0063319	-0.00069	0.0040	3.81
161	天棒 2	64.58	32.54	6536	30429	12329	23 β	Dra	262.6081750	52.3013872	-0.00170	0.0116	2.80
162	天棒 3	64.39	30.26	6555	30450	12360	25 ν 2	Dra	263.0667742	55.1729586	0.01678	0.0625	4.86
163	天棒 4	69.02	29.53	6688	30631	12620	32 ξ	Dra	268.3822063	56.8726428	0.01142	0.0784	3.74
164	天棒 5	69.30	33.19	6705	30653	12653	33 γ	Dra	269.1515413	51.4888950	-0.00091	-0.0231	2.23
165	四帝	339.00	64.50	4534	99809	8670	94 β	Leo	177.2649067	14.5720603	-0.03437	-0.1138	2.13
166	四帝 1	337.50	66.00	4543	99827	8684		Leo	177.7305888	12.2790372	-0.00932	0.0272	6.37
167	四帝 2	337.50	63.50	4564	99869	8724	95 o	Leo	178.9188904	15.6468178	0.00070	0.0035	5.53
168	四帝 3	340.50	63.50	4535	99812	8674		Leo	177.3116188	16.2428817	0.00265	-0.0540	6.04
169	四帝 4	340.50	66.00	0	99774	8637		Leo	176.2975925	14.2633347	-0.00416	0.0036	6.51
170	太子	343.00	59.50	4527	81998	8660	93	Leo	176.9963996	20.2189314	-0.01034	-0.0040	4.53
171	従官	346.75	58.25	4602	82123	8810	2	Com	181.0691588	21.4591525	0.00252	-0.0044	5.89

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
172	幸臣	339.00	58.25	4495	81941	8592	92	Leo	175.1961138	21.3527294	-0.00437	-0.0460	5.26
173	五諸候 1	348.50	63.00	4697	100053	8975	11	Com	185.1792750	17.7928681	-0.00768	0.0885	4.73
174	五諸候 2	351.00	60.75	4756	82336	9076	20	Com	187.4301629	20.8961089	0.00178	-0.0313	5.68
175	五諸候 3	353.00	58.75	4789	82390	9133	23 k	Com	188.7128371	22.6292583	-0.00421	0.0317	4.79
176	五諸候 4	355.50	56.00	4864	82511	9265		Com	192.1960350	24.8402258	-0.02458	-0.1061	6.30
177	五諸候 5	357.75	53.00	4883	82537	9289	31	Com	192.9246733	27.5407125	-0.00071	-0.0088	4.93
178	九卿 1	357.00	60.00	4894	82550	9304	35	Com	193.3239342	21.2449428	-0.00304	-0.0320	4.92
179	九卿 2	352.50	63.25	4792	100160	9136	24	Com	188.7823321	18.3770578	-0.00032	0.0233	4.99
180	九卿 3	347.75	65.00	4663	100012	8925	6	Com	184.0007763	14.8990706	-0.00556	-0.0305	5.10
181	三公 1	353.75	69.00	4847	119574	9234	32 d2	Vir	191.4044083	7.6733258	-0.00733	0.0045	5.21
182	三公 2	352.25	67.00	4828	100211	9199	30 ρ	Vir	190.4710688	10.2356253	0.00560	-0.0895	4.87
183	三公 3	351.25	69.00	4770	119453	9098		Vir	187.8392325	7.6043092	-0.00141	0.0107	6.05
184	屏 1	337.50	72.50	4515	119029	8639	2 ξ	Vir	176.3210000	8.2581194	0.00402	-0.0228	4.84
185	屏 2	338.00	75.00	4517	119035	8645	3 ν	Vir	176.4648292	6.5293764	-0.00132	-0.1800	4.03
186	屏 3	343.00	75.00	4589	119164	8782	8 π	Vir	180.2182921	6.6143225	-0.00002	-0.0297	4.66
187	屏 4	343.50	72.50	4608	119213	8819	9 o	Vir	181.3022483	8.7329856	-0.01486	0.0575	4.12
188	上相 1	330.25	60.00	4357	81727	8315	68 δ	Leo	168.5270892	20.5237169	0.01020	-0.1304	2.56
189	次相 2	331.50	63.75	4359	99512	8317	70 θ	Leo	168.5600217	15.4295703	-0.00408	-0.0794	3.33
190	次將 3	332.50	68.25	4399	99587	8412	78 ι	Leo	170.9810513	10.5295086	0.00954	-0.0778	3.96
191	上將 4	332.50	73.25	4386	118804	8389	77 σ	Leo	170.2841429	6.0293217	-0.00615	-0.0128	4.05
192	右執法 5	337.00	78.00	4540	119076	8683	5 β	Vir	177.6738275	1.7647181	0.04942	-0.2712	3.60
193	上相 1	359.75	63.50	4968	100443	9462	42 α	Com	197.4969858	17.5294314	-0.03118	0.1297	4.32
194	次相 2	358.25	70.50	4932	100384	9401	47 ε	Vir	195.5441546	10.9591503	-0.01868	0.0200	2.84
195	次將 3	356.25	76.25	4910	119674	9340	43 δ	Vir	193.9008658	3.3974703	-0.03149	-0.0528	3.42
196	上將 4	350.25	82.00	4825	138917	9196	29 γ	Vir	190.4151763	-1.4493750	-0.04113	0.0607	3.48
197	左執法 5	346.75	82.00	4689	138721	8963	15 η	Vir	184.9764871	-0.6668033	-0.00394	-0.0231	3.89
198	郎將	360.25	40.25	4915	63257	9348	12 $\alpha 2$	CVn	194.0069475	38.3183797	-0.01984	0.0550	2.89
199	郎位 1	355.20	54.75	4780	82378	9119	22	Com	188.3925833	24.2829842	-0.00080	-0.0086	6.26
200	郎位 2	354.75	53.25	4752	82330	9069	17 d	Com	187.2279363	25.9128517	-0.00150	-0.0150	5.25
201	郎位 3	354.25	51.75	4733	82310	9036	14 b	Com	186.6002667	27.2682375	-0.00111	-0.0104	4.92
202	郎位 4	354.00	50.25	4737	82313	9045	15 γ	Com	186.7344683	28.2684228	-0.00631	-0.0810	4.34
203	郎位 5	353.50	48.50	4680	62943	8948		Com	184.6317517	30.2490475	0.00591	-0.1183	6.23
204	郎位 6	352.50	50.25	4673	82219	8935		Com	184.3773967	28.9371889	-0.00252	0.0352	5.71
205	郎位 7	351.50	51.75	4633	82166	8870		Com	182.6920667	27.2815053	-0.00078	-0.0096	6.00
206	郎位 8	350.25	53.00	4640	82178	8889	4	Com	182.9632346	25.8702803	-0.00282	-0.0309	5.65
207	郎位 9	349.25	55.00	4667	82211	8927	7 h	Com	184.0855754	23.9454089	-0.00196	-0.0059	4.93
208	郎位 10	351.50	55.00	4725	82297	9027		Com	186.3129546	23.9262019	0.00414	-0.0411	6.03
209	郎位 11	352.50	55.00	4753	82333	9075	18	Com	187.3626758	24.1089253	-0.00132	0.0018	5.48
210	郎位 12	354.00	55.00	4766	82346	9094	21 g	Com	187.7523350	24.5671678	-0.00088	-0.0089	5.44
211	郎位 13	353.25	53.25	4717	82291	9014	13 f	Com	186.0771758	26.0986058	-0.00200	-0.0031	5.15
212	郎位 14	352.00	53.25	4707	82273	8994	12 e	Com	185.6263008	25.8461603	-0.00080	-0.0089	4.80
213	郎位 15	352.75	51.75	4693	82250	8970		Com	185.0819854	26.6194825	-0.00497	-0.1104	5.52
214	常陳 1	348.00	45.50	4668	62928	8929		Com	184.1255692	33.0615267	-0.00437	-0.1119	4.99
215	常陳 2	346.50	44.25	4584	62786	8775		UMa	179.9890692	34.0347478	-0.00327	0.0321	6.49
216	常陳 3	345.00	43.00	4593	62802	8787		UMa	180.4144713	36.0420856	-0.00678	-0.0788	5.59
217	常陳 4	343.00	41.25	4562	62754	8719		UMa	178.8085658	36.7563778	-0.00525	-0.0460	6.49
218	常陳 5	341.50	43.00	4536	62718	8676		UMa	177.4238125	34.9317581	-0.00961	0.0077	5.73
219	常陳 6	339.50	44.75	4496	62655	8596	61	UMa	175.2625638	34.2016356	-0.00112	-0.3805	5.31
220	常陳 7	337.50	47.00	4412	62551	8438		UMa	171.6064942	33.4506078	-0.00286	0.0175	6.33
221	上台 1	293.75	38.25	3594	42661	6858	12 κ	UMa	135.9063829	47.1565261	-0.00366	-0.0554	3.58
222	上台 2	293.25	35.50	3569	42630	6811	9 ι	UMa	134.8018913	48.0418264	-0.04398	-0.2152	3.14
223	中台 1	312.50	42.50	4069	43310	7756	34 μ	UMa	155.5822525	41.4995164	-0.00716	0.0341	3.05
224	中台 2	310.50	40.50	4033	43268	7691	33 λ	UMa	154.2741313	42.9143650	-0.01549	-0.0426	3.44
225	下台 1	330.00	54.75	4374	62484	8362	53 ξ	UMa	169.5455708	31.5292361	-0.03360	-0.5860	3.79
226	下台 2	329.25	52.50	4377	62486	8365	54 ν	UMa	169.6197367	33.0943056	-0.00212	0.0275	3.49
227	武賁	329.50	57.00	4362	81736	8324	72	Leo	168.8009542	23.0955022	-0.00161	-0.0095	4.57
228	少微 1	327.50	61.50	4300	81637	8194	60 b	Leo	165.5823967	20.1798419	-0.00068	0.0396	4.41

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
229	少微 2	324.50	59.25	4259	81583	8133	54	Leo	163.9033233	24.7497183	-0.00576	-0.0149	4.47
230	少微 3	322.50	56.25	4230	81542	8077	44	LMi	162.4738608	27.9739481	-0.00080	0.0312	6.05
231	少微 4	320.00	53.25	4203	62236	8028	42	LMi	161.4662254	30.6823133	-0.00206	-0.0364	5.26
232	長垣 1	319.75	58.25	4192	81490	8000	41	LMi	160.8539825	23.1884044	-0.00846	0.0083	5.08
233	長垣 2	321.00	62.25	4208	99281	8035	51 m	Leo	161.6022713	18.8915231	0.00663	-0.0406	5.50
234	長垣 3	322.00	66.00	4209	99282	8036	52 k	Leo	161.6053225	14.1946447	-0.00862	-0.0649	5.48
235	長垣 4	323.00	70.00	4227	99305	8070	53 l	Leo	162.3142917	10.5452022	-0.00030	-0.0244	5.32
236	靈台 1	328.75	78.25	4294	118615	8181	59 c	Leo	165.1866767	6.1014494	-0.00342	-0.0222	5.00
237	靈台 2	328.75	80.25	4291	118610	8176	58 d	Leo	165.1402025	3.6174942	0.00105	-0.0162	4.85
238	靈台 3	330.00	75.00	4310	118648	8222	63 χ	Leo	166.2542804	7.3360072	-0.02315	-0.0474	4.62
239	明堂 1	332.50	83.25	4368	138102	8343	74 ϕ	Leo	169.1654204	-3.6516011	-0.00723	-0.0358	4.47
240	明堂 2	335.00	82.50	4432	138238	8472	87 e	Leo	172.5787225	-3.0035006	0.00132	-0.0171	4.76
241	明堂 3	335.00	80.00	4471	138298	8545	91 ν	Leo	174.2372108	-0.8237486	0.00009	0.0434	4.30
242	謁者	347.00	75.25	4695	119341	8971	16 c	Vir	185.0874204	3.3125742	-0.01962	-0.0629	4.97
243	帝座	60.50	73.75	6406	102680	12118	64 α 1	Her	258.6619100	14.3903328	-0.00046	0.0328	3.37
244	候	65.00	75.00	6556	102932	12385	55 α	Oph	263.7336275	12.5600347	0.00752	-0.2226	2.09
245	官者 1	56.00	71.75	6268	102435	11852	49	Her	253.0202117	14.9742150	0.00116	0.0056	6.50
246	官者 2	57.50	72.75	6337	102553	11992		Her	255.7827983	14.0919467	0.00178	-0.0632	4.98
247	官者 3	56.00	74.00	6290	102474	11903		Her	253.8166300	13.6199100	0.00254	-0.0341	6.35
248	官者 4	57.50	75.00	6355	102584	12024	60	Her	256.3445438	12.7408278	0.00346	-0.0110	4.88
249	中斗 1	57.75	77.25	6299	121962	11937	27 κ	Oph	254.4170725	9.3750328	-0.01980	-0.0097	3.19
250	中斗 2	56.00	76.00	6281	102458	11876	25 ι	Oph	253.5019646	10.1653592	-0.00364	-0.0347	4.37
251	中斗 3	53.50	77.25	6228	121843	11788	43 i	Her	251.4578804	8.5826161	-0.00019	0.0157	5.14
252	中斗 4	54.50	79.25	6250	121895	11834	47 k	Her	252.5807550	7.2476833	0.00348	-0.0090	5.48
253	中斗 5	52.75	80.50	6234	121865	11809	45 l	Her	251.9434104	5.2467458	-0.00146	-0.0387	5.22
254	斛 1	60.00	82.25	6412	122224	12139		Oph	259.0594188	2.1862022	0.00076	-0.0170	6.19
255	斛 2	59.25	86.50	6415	141586	12146	41	Oph	259.1528596	-0.4452972	-0.00221	-0.0639	4.74
256	斛 3	54.75	86.00	6353	141513	12026		Oph	256.3844142	-0.8920700	0.00029	-0.0019	5.64
257	斛 4	55.00	82.25	6255	121911	11843	21	Oph	252.8538692	1.2159472	-0.00115	-0.0140	5.51
258	列肆 1	45.00	78.25	6111	121568	11552	21 o	Her	246.0451246	6.9482072	0.00031	0.0147	5.83
259	列肆 2	43.00	79.50	6047	121431	11434	9	Her	243.3142892	5.0210864	0.00243	-0.0051	5.46
260	車肆 1	55.25	98.75	6375	160324	12066		Oph	257.4497929	-10.5233014	0.00371	-0.1086	5.43
261	車肆 2	52.50	97.50	6243	160118	11829	20	Oph	252.4584533	-10.7829997	0.00636	-0.0819	4.64
262	市樓 1	62.50	89.75	6465	141642	12238		Oph	260.7137021	-2.3881758	0.00333	-0.1075	6.29
263	市樓 2	63.50	88.75	6516	141702	12327		Oph	262.5991571	-1.0629217	-0.00845	-0.1720	5.33
264	市樓 3	63.50	91.00	6493	141665	12292		Oph	261.6578392	-5.0865958	-0.00613	-0.0428	4.54
265	市樓 4	65.00	89.75	6578	141798	12446		Oph	265.0497613	-2.1523014	-0.00044	-0.0103	6.18
266	市樓 5	66.00	88.75	6659	141913	12591		Oph	267.9976917	-1.2368056	-0.00022	0.0024	6.32
267	市樓 6	66.00	91.00	6661	141926	12604		Oph	268.1612642	-6.1435775	-0.00005	-0.0051	6.18
268	市樓 7	67.00	89.75	6710	142025	12714	57 ζ	Ser	270.1208771	-3.6902692	0.01030	-0.0444	4.63
269	宗正 1	65.00	82.25	6603	122671	12489	60 β	Oph	265.8681379	4.5673028	-0.00272	0.1588	2.77
270	宗正 2	66.50	83.50	6629	122754	12538	62 γ	Oph	266.9731688	2.7072761	-0.00155	-0.0751	3.75
271	宗仁 1	71.00	83.50	6752	123107	12774	70 ρ	Oph	271.3636900	2.5000994	0.00831	-0.9627	4.03
272	宗仁 2	69.00	81.50	6712	123005	12710	66 n	Oph	270.0658275	4.3686153	0.00012	-0.0130	4.79
273	宗仁 3	68.75	83.50	6714	123013	12716	67 o	Oph	270.1613158	2.9315675	0.00003	-0.0082	3.98
274	宗仁 4	69.50	85.50	6723	123035	12732	68 K	Oph	270.4383271	1.3050764	0.00103	-0.0136	4.44
275	宗 1	71.50	77.00	6771	123142	12808	72 s	Oph	271.8374342	9.5638472	-0.00417	0.0797	3.72
276	宗 2	69.50	78.00	6770	123140	12806	71 S	Oph	271.8265004	8.7338672	0.00066	0.0302	4.64
277	屠肆 1	70.50	61.00	6765	85725	12785	98	Her	271.5079179	22.2188792	-0.00096	-0.0053	4.99
278	屠肆 2	73.25	61.25	6860	85921	12961	105	Her	274.7945000	24.4460594	0.00062	0.0054	5.28
279	白度 1	70.25	64.00	6787	85769	12827	102	Her	272.1895454	20.8145569	-0.00019	-0.0062	4.37
280	白度 2	73.00	64.25	6895	86003	13022	109	Her	275.9245400	21.7697519	0.01404	-0.2429	3.85
281	市垣 1	55.25	102.00	6378	160332	12073	35 η	Oph	257.5945304	-15.7249103	0.00285	0.0977	2.43
282	市垣 2	59.75	101.50	6561	160700	12420	55 ξ	Ser	264.3966729	-15.3985572	-0.00272	-0.0613	3.54
283	市垣 3	65.00	97.50	6698	142004	12691	64 ν	Oph	269.7566313	-9.7736319	-0.00070	-0.1161	3.32
284	市垣 4	69.75	91.25	6869	142241	12995	58 η	Ser	275.3275033	-2.8988250	-0.03655	-0.7007	3.25
285	市垣 5	74.75	81.25	6985	123690	13193		Oph	279.1159683	9.1224911	-0.00043	-0.1339	5.38

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
286	市垣 6	80.00	71.00	7061	86406	13330	110	Her	281.4155225	20.5463078	-0.00066	-0.3356	4.21
287	市垣 7	81.50	65.00	7064	86418	13337		Lyr	281.5186679	26.6621297	0.00139	0.0244	4.83
288	市垣 8	82.00	59.50	6877	85957	12987	107 t	Her	275.2542508	28.8699539	0.00031	0.0488	5.13
289	市垣 9	76.25	57.00	6703	85590	12675	92 ξ	Her	269.4411904	29.2478797	0.00629	-0.0187	3.70
290	市垣 10	72.00	58.00	6623	85397	12523	86 μ	Her	266.6146954	27.7206761	-0.02195	-0.7500	3.42
291	市垣 11	67.50	59.50	6526	85163	12334	76 λ	Her	262.6846250	26.1106453	0.00136	0.0168	4.39
292	市垣 12	64.00	59.50	6410	84951	12120	65 δ	Her	258.7579608	24.8392042	-0.00155	-0.1577	3.13
293	市垣 13	52.50	64.25	6148	84411	11618	27 β	Her	247.5550000	21.4896133	-0.00705	-0.0145	2.78
294	市垣 14	46.50	66.00	6095	102107	11531	20 γ	Her	245.4800600	19.1531303	-0.00335	0.0446	3.74
295	市垣 15	41.00	67.00	6008	101951	11364	7 κ	Her	242.0188567	17.0469803	-0.00239	-0.0055	5.00
296	市垣 16	36.00	68.00	5867	101725	11112	28 β	Ser	236.5469017	15.4218256	0.00474	-0.0413	3.66
297	市垣 17	32.00	73.00	5788	101623	10980	13 δ	Ser	233.7007154	10.5377569	-0.00493	0.0032	5.13
298	市垣 18	34.50	77.50	5854	121157	11099	24 α	Ser	236.0669783	6.4256269	0.00903	0.0441	2.63
299	市垣 19	36.25	81.00	5892	121218	11166	37 ε	Ser	237.7040254	4.4777303	0.00856	0.0619	3.71
300	市垣 20	41.50	88.25	6056	141052	11448	1 δ	Oph	243.5864146	-3.6943231	-0.00306	-0.1429	2.73
301	市垣 21	43.25	90.00	6075	141086	11491	2 ε	Oph	244.5803708	-4.6925106	0.00551	0.0401	3.24
302	市垣 22	48.00	95.25	6175	160006	11687	13 ζ	Oph	249.2897408	-10.5670900	0.00089	0.0254	2.58
303	天紀 1	77.00	52.00	6793	66666	12818		Her	272.0093267	36.4012642	-0.00787	-0.1861	5.49
304	天紀 2	75.50	50.50	6695	66485	12647	91 θ	Her	269.0632521	37.2505392	0.00023	0.0072	3.84
305	天紀 3	73.75	49.25	6677	47037	12616	90 f	Her	268.3251158	40.0079594	0.00068	0.0504	5.17
306	天紀 4	70.00	51.00	6563	66165	12395		Her	263.9265429	37.3015939	0.00079	0.0030	6.13
307	天紀 5	67.50	52.25	6506	66054	12294		Her	261.6922738	34.6958017	-0.00224	0.0430	5.94
308	天紀 6	65.50	54.00	6431	65913	12153	68 u	Her	259.3315329	33.1001003	-0.00029	-0.0057	4.81
309	天紀 7	61.00	55.00	6324	65716	11961	58 ε	Her	255.0723908	30.9264047	-0.00371	0.0269	3.91
310	天紀 8	55.00	56.00	6212	65485	11734	40 ζ	Her	250.3215013	31.6027256	-0.03621	0.3451	2.85
311	天紀 9	50.00	55.00	6103	65254	11533	19 ξ	CrB	245.5242667	30.8919958	-0.00756	0.1077	4.85
312	女林 1	67.00	47.00	6444	65930	12172		Her	259.5969617	38.8113944	-0.00106	0.0741	5.97
313	女林 2	66.00	48.75	6418	65890	12121	67 π	Her	258.7618100	36.8091619	-0.00228	0.0027	3.14
314	女林 3	68.00	48.75	6485	66001	12249	75 ρ	Her	260.9206025	37.1459464	-0.00323	0.0092	4.51
315	貫索 1	41.25	55.75	5855	64870	11093	9 π	CrB	235.9970854	32.5158069	-0.00228	-0.0087	5.57
316	貫索 2	42.75	56.75	5968	65024	11283	15 ρ	CrB	240.2610900	33.3035094	-0.01571	-0.7730	5.40
317	貫索 3	43.25	58.25	5971	84152	11288	14 ι	CrB	240.3606871	29.8510614	-0.00294	-0.0069	4.98
318	貫索 4	42.50	60.75	5947	84098	11241	13 ε	CrB	239.3968825	26.8778800	-0.00572	-0.0602	4.14
319	貫索 5	41.00	61.50	5889	84019	11156	10 δ	CrB	237.3985258	26.0683944	-0.00593	-0.0638	4.60
320	貫索 6	39.00	62.00	5849	83958	11083	8 γ	CrB	235.6856875	26.2956375	-0.00837	0.0507	3.82
321	貫索 7	37.50	60.75	5793	83893	10978	5 α	CrB	233.6719504	26.7146931	0.00898	-0.0894	2.22
322	貫索 8	36.50	58.50	5747	83831	10904	3 β	CrB	231.9572117	29.1057028	-0.01384	0.0868	3.66
323	貫索 9	37.50	56.50	5778	64769	10961	4 θ	CrB	233.2324271	31.3591333	-0.00153	-0.0089	4.16
324	七公 1	27.25	53.00	5541	64355	10492		Boo	222.6235275	37.2720467	-0.01778	0.0952	5.48
325	七公 2	31.25	49.25	5602	45337	10619	42 β	Boo	225.4865096	40.3905656	-0.00352	-0.0292	3.48
326	七公 3	36.50	51.50	5733	64686	10874	51 μ 1	Boo	231.1226158	37.3771667	-0.01239	0.0847	4.30
327	七公 4	42.00	52.50	5834	64834	11048	7 ζ 2	CrB	234.8444696	36.6358119	-0.00127	-0.0065	5.00
328	七公 5	47.00	52.50	5901	64948	11171	11 κ	CrB	237.8080483	35.6573819	-0.00066	-0.3474	4.81
329	七公 6	50.00	52.25	6018	65108	11380	16 τ	CrB	242.2429125	36.4909442	-0.00338	0.3435	4.73
330	七公 7	53.25	49.75	6091	65233	11507		Her	244.9797617	39.7085844	-0.01121	-0.0025	5.49
331	角宿 1	1.00	93.00	5056	157923	9628	67 α	Vir	201.2982471	-11.1613219	-0.00289	-0.0317	1.06
332	角宿 2	2.25	84.00	5107	139420	9720	79 ζ	Vir	203.6733000	-0.5958203	-0.01859	0.0486	3.38
333	平道 1	2.50	89.25	5095	139390	9692	74 l 2	Vir	202.9911879	-6.2558161	-0.00696	-0.0434	4.70
334	平道 2	1.00	88.50	5050	139324	9623	66	Vir	201.1384533	-5.1640103	0.01056	-0.0362	5.77
335	天田 1	2.25	77.50	5105	120004	9715	78 o	Vir	203.5330454	3.6589667	0.00293	-0.0240	4.92
336	天田 2	4.50	77.50	5159	120082	9813	84	Vir	205.7654679	3.5379025	-0.01965	-0.0729	5.35
337	周鼎 1	7.00	61.25	5201	83015	9875	6 e	Boo	207.4284713	21.2641056	0.00151	0.0170	4.91
338	周鼎 2	5.00	60.00	5149	82946	9786	2	Boo	205.2597817	22.4957678	-0.00110	-0.0263	5.63
339	周鼎 3	4.50	62.75	5144	82942	9781	1	Boo	205.1686221	19.9557194	-0.00330	0.0232	5.76
340	進賢	362.00	89.75	4963	139189	9461	51 θ	Vir	197.4874646	-5.5390097	-0.00235	-0.0328	4.39
341	天門 1	0.50	98.00	5068	157946	9654	69	Vir	201.8631833	-15.9735783	-0.00847	0.0216	4.75
342	天門 2	2.25	98.00	5099	157998	9702	75	Vir	203.2151742	-15.3630117	-0.00534	0.0003	5.53

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
343	平 1	10.25	108.00	5287	182244	10045	49 π	Hya	211.5929046	-26.6823611	0.00321	-0.1408	3.26
344	平 2	365.25	105.50	5020	181543	9565	46 γ	Hya	199.7304033	-23.1715122	0.00496	-0.0411	3.00
345	庫樓 1	7.50	128.75	5231	224538	9942	ζ	Cen	208.8849408	-47.2883750	-0.00562	-0.0448	2.53
346	庫樓 2	15.25	128.75	5469	225128	10395	α	Lup	220.4823150	-47.3882003	-0.00208	-0.0242	2.29
347	庫樓 3	14.75	123.00	5440	225044	10337	η	Cen	218.8767658	-42.1578244	-0.00318	-0.0324	2.34
348	庫樓 4	11.00	118.00	5288	205188	10049	5 θ	Cen	211.6706188	-36.3699544	-0.04300	-0.5179	2.08
349	庫樓 5	364.75	118.00	5028	204371	9578	ι	Cen	200.1492400	-36.7122950	-0.02834	-0.0880	2.76
350	庫樓 6	362.00	123.00	4973	223966	9470		Cen	197.8467317	-43.3685531	-0.01050	-0.0197	5.24
351	庫樓 7	360.00	127.00	4940	223900	9426	f	Cen	196.5696008	-48.4632892	-0.00299	-0.0147	4.71
352	庫樓 8	358.75	127.50	4888	223731	9300	e	Cen	193.2787763	-48.9433147	-0.00804	-0.0253	4.32
353	庫樓 9	359.00	129.00	4913	240407	9359	H	Cen	194.2681375	-51.1987519	-0.00314	-0.0148	5.17
354	庫樓 10	360.50	128.00	4942	223909	9435	ξ 2	Cen	196.7276638	-49.9062461	-0.00272	-0.0124	4.28
355	柱 1	7.50	127.00	5260	224621	10011	ν 2	Cen	210.4312300	-45.6034208	0.00037	-0.0209	4.34
356	柱 2	6.00	126.25	5249	224585	9985	ν 1	Cen	209.6697850	-44.8035842	-0.00263	-0.0217	3.86
357	柱 3	9.00	126.25	5294	224721	10068		Cen	212.2161950	-43.4707789	-0.00177	-0.0174	6.18
358	柱 4	12.25	128.50	5354	224833	10177	ι	Lup	214.8509250	-46.0580931	-0.00123	-0.0038	3.55
359	柱 5	13.75	128.50	5396	224920	10248	τ 2	Lup	216.5450583	-45.3792828	0.00136	-0.0142	4.35
360	柱 6	13.00	127.25	5364	224843	10192		Lup	215.1774238	-45.1870603	0.00352	-0.0736	4.78
361	柱 7	11.75	124.75	5318	224791	10117		Cen	213.6777546	-41.8374950	-0.01155	-0.0193	5.61
362	柱 8	13.00	125.00	5362	224838	10187		Lup	215.0404263	-43.0588433	-0.00082	0.0077	5.55
363	柱 9	13.00	123.75	5398	224923	10249		Cen	216.5560171	-42.3185969	-0.01009	-0.0515	6.33
364	柱 10	10.00	120.00	5259	205096	10004		Cen	210.3294113	-40.2219433	-0.00251	0.0006	6.12
365	柱 11	9.00	119.00	5174	204835	9844	z	Cen	206.7347988	-36.2519328	-0.00110	-0.0115	5.16
366	柱 12	7.75	120.00	5198	204888	9885		Cen	207.5808229	-39.9008556	0.00058	-0.0089	6.43
367	柱 13	0.00	120.25	5058	204465	9637		Cen	201.5323613	-39.7551072	0.01460	-0.0586	5.11
368	柱 14	1.50	120.25	5089	204545	9684	d	Cen	202.7610379	-39.4073039	-0.00135	-0.0113	3.90
369	柱 15	1.25	119.00	5092	204561	9694		Cen	203.0225579	-38.3988444	0.00296	-0.0372	6.15
370	衝 1	6.00	122.75	5248	224577	9977	ϕ	Cen	209.5677754	-42.1007533	-0.00213	-0.0198	3.82
371	衝 2	7.25	122.75	5285	224673	10042	χ	Cen	211.5115296	-41.1796331	-0.00216	-0.0216	4.36
372	衝 3	4.50	122.25	5190	224469	9872	ν	Cen	207.3761546	-41.6877092	-0.00232	-0.0204	3.40
373	衝 4	4.50	124.00	5193	224471	9874	μ	Cen	207.4041208	-42.4737317	-0.00216	-0.0192	3.47
374	平星南門 1	362.25	133.00	5026	240762	9579		Cen	200.1576033	-52.7478250	-0.00338	-0.0165	5.46
375	平星南門 2	2.00	133.75	5132	241047	9770	ε	Cen	204.9719100	-53.4663939	-0.00164	-0.0128	2.28
376	亢宿 1	15.50	84.00	5409	139951	10266	105 ϕ	Vir	217.0505754	-2.2279572	-0.00940	-0.0029	4.84
377	亢宿 2	13.75	87.50	5338	139824	10131	99 ι	Vir	214.0036242	-6.0005467	-0.00173	-0.4198	4.08
378	亢宿 3	13.00	90.50	5315	158427	10095	98 κ	Vir	213.2239408	-10.2737017	0.00055	0.1408	4.18
379	亢宿 4	12.50	94.00	5359	158489	10173	100 λ	Vir	214.7774650	-13.3710950	-0.00117	0.0294	4.52
380	大角	15.00	65.00	5340	100944	10129	16 α	Boo	213.9153013	19.1824133	-0.07718	-1.9994	0.16
381	攝提 1	18.00	69.25	5478	101145	10387	30 ζ	Boo	220.2872992	13.7283003	0.00359	-0.0127	3.78
382	攝提 2	18.00	67.00	5475	101138	10383	29 π 1	Boo	220.1815283	16.4183242	0.00067	0.0095	4.86
383	攝提 3	20.00	66.75	5502	101184	10430	35 σ	Boo	221.3102504	16.9642797	-0.00424	-0.0507	4.60
384	攝提 4	6.75	65.00	5200	100725	9870	5 ν	Boo	207.3693379	15.7979050	-0.00649	0.0408	4.04
385	攝提 5	7.25	63.25	5185	100706	9851	4 τ	Boo	206.8155954	17.4569061	-0.03357	0.0542	4.49
386	攝提 6	9.75	64.25	5235	100766	9934	8 η	Boo	208.6711613	18.3977169	-0.00428	-0.3581	2.68
387	折威 1	10.75	111.00	5312	182349	10093	50 i	Hya	213.1917679	-27.2611864	-0.00101	-0.0355	5.08
388	折威 2	11.75	108.75	5314	182354	10098		Hya	213.3052350	-26.6123094	0.00098	-0.0179	6.24
389	折威 3	14.00	108.00	5356	182433	10170		Hya	214.7537296	-25.8154258	-0.02639	0.3668	5.88
390	折威 4	16.25	108.00	5390	182517	10233		Lib	216.2026096	-24.8063106	-0.00392	-0.0181	5.34
391	折威 5	18.00	107.75	5499	182857	10442		Lib	221.5282033	-23.1530178	0.00187	-0.0640	5.81
392	折威 6	19.00	109.00	5521	182898	10475		Lib	222.3281046	-24.2514706	-0.00151	-0.0004	5.70
393	折威 7	20.00	109.50	5548	182983	10530	12	Lib	223.5838717	-24.6422019	-0.00081	-0.0275	5.26
394	頓頑 1	16.25	111.75	5516	182882	10456	56 m3	Hya	221.9366879	-26.0875003	0.00274	-0.0084	5.24
395	頓頑 2	18.50	112.25	5526	182911	10489	58 E	Hya	222.5721246	-27.9603708	-0.01792	-0.0624	4.42
396	陽門 1	13.75	116.00	5428	205681	10314		Cen	218.2902125	-30.7150686	0.00313	-0.0397	6.10
397	陽門 2	11.50	115.00	5407	182570	10265	52 l	Hya	217.0434446	-29.4916375	-0.00191	-0.0238	4.98
398	低宿 1	27.25	92.25	5685	140430	10785	27 β	Lib	229.2517283	-9.3829175	-0.00651	-0.0208	2.61
399	低宿 2	29.50	97.25	5787	159370	10988	38 γ	Lib	233.8815792	-14.7895369	0.00453	0.0069	3.92

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
400	低宿 3	25.50	100.00	5652	159090	10725	24 ι 1	Lib	228.0553754	-19.7917106	-0.00252	-0.0326	4.56
401	低宿 4	21.75	97.25	5531	158840	10496	9 α 2	Lib	222.7196379	-16.0417781	-0.00733	-0.0690	2.75
402	亢池 1	13.75	72.25	5330	100934	10118	15	Boo	213.7118717	10.1006103	-0.00152	-0.1643	5.29
403	亢池 2	11.75	73.75	5274	120261	10026		Boo	210.9031925	7.5461703	-0.00259	-0.0174	6.25
404	亢池 3	11.75	75.75	5275	120265	10030		Vir	210.9823188	4.9009733	-0.00067	-0.0028	6.24
405	亢池 4	13.25	77.25	5313	120339	10090		Vir	213.0658513	2.4094328	-0.00298	-0.0261	4.99
406	亢池 5	14.75	76.00	5392	120434	10226		Vir	216.0472696	5.8201306	-0.00522	0.0065	5.10
407	亢池 6	14.75	74.00	5386	120426	10216		Boo	215.8445654	8.4466172	-0.00507	-0.0096	5.03
408	帝席 1	17.50	60.00	5304	83203	10077	12 d	Boo	212.5997233	25.0916769	-0.00170	-0.0601	4.82
409	帝席 2	16.00	58.25	5247	83084	9962	9	Boo	209.1424213	27.4920822	0.00212	-0.0478	5.01
410	帝席 3	15.00	59.50	5182	82993	9843	3	Boo	206.6805129	25.7022361	-0.00136	-0.0595	5.97
411	梗河 1	23.25	56.25	5506	83500	10426	36 ϵ	Boo	221.2467404	27.0742225	-0.00379	0.0200	2.50
412	梗河 2	21.50	54.75	5447	83416	10330	28 σ	Boo	218.6700708	29.7451300	0.01446	0.1327	4.47
413	梗河 3	19.75	53.00	5429	64202	10303	25 ρ	Boo	217.9574579	30.3714372	-0.00776	0.1202	3.57
414	招摇	23.00	44.00	5435	64203	10305	27 γ	Boo	218.0194663	38.3082525	-0.00982	0.1519	3.04
415	天乳	34.25	84.25	5881	140787	11157	32 μ	Ser	237.4050350	-3.4302078	-0.00655	-0.0274	3.55
416	天福 1	33.25	110.00	5885	183854	11168	1 b	Sco	237.7447700	-25.7512956	-0.00101	-0.0249	4.65
417	天福 2	30.50	111.00	5794	183619	11011	39 ν	Lib	234.2560408	-28.1350794	-0.00100	-0.0035	3.60
418	陣車 1	23.00	107.50	5678	183328	10775		Lib	229.0958804	-22.3994164	-0.00244	0.0018	5.51
419	陣車 2	22.00	109.25	5603	183139	10644	20 σ	Lib	226.0175650	-25.2819647	-0.00530	-0.0447	3.28
420	陣車 3	24.75	109.50	5658	183285	10743		Lib	228.4721358	-26.1935694	-0.00104	-0.0042	5.86
421	騎官 1	24.75	114.00	5686	183346	10792	2 f	Lup	229.4576625	-30.1486733	-0.00067	-0.0045	4.34
422	騎官 2	23.25	113.00	5591	183099	10622	60	Hya	225.5268113	-28.0606111	0.00636	-0.0341	5.83
423	騎官 3	23.00	115.00	5660	206445	10754	1 i	Lup	228.6554967	-31.5191211	-0.00076	0.0018	4.92
424	騎官 4	21.00	116.50	5562	206112	10552		Cen	224.1286104	-32.6367842	-0.00027	-0.0306	6.06
425	騎官 5	22.25	118.00	5595	206239	10631		Lup	225.7469825	-32.6432939	-0.00167	-0.0197	5.44
426	騎官 6	20.25	118.00	5558	206099	10544		Cen	223.9362838	-33.8557850	0.00154	-0.0020	5.32
427	騎官 7	18.75	120.00	5471	205839	10398	b	Cen	220.4899625	-37.7934986	-0.00249	-0.0307	4.00
428	騎官 8	20.50	120.00	5485	205871	10413	c1	Cen	220.9143333	-35.1736553	-0.00497	-0.1768	4.05
429	騎官 9	19.50	121.50	5543	206037	10515		Cen	223.2128067	-37.8031600	-0.00174	-0.0180	5.02
430	騎官 10	21.75	121.50	5585	206208	10610		Cen	225.3045688	-38.0583981	0.00258	-0.0344	5.87
431	騎官 11	23.25	121.00	5615	206292	10659		Lup	226.5580546	-36.2645989	-0.00195	-0.0057	6.29
432	騎官 12	23.25	122.75	5636	206352	10703		Lup	227.5305204	-38.7925111	-0.00210	-0.0209	5.98
433	騎官 13	21.25	124.50	5576	225344	10586	κ	Cen	224.7903500	-42.1041869	-0.00160	-0.0213	3.13
434	騎官 14	20.50	126.50	5528	225248	10505	o	Lup	222.9096179	-43.5753603	-0.00228	-0.0268	4.33
435	騎官 15	22.00	126.50	5571	225335	10580	β	Lup	224.6330283	-43.1339600	-0.00311	-0.0383	2.68
436	騎官 16	21.25	129.50	5625	225479	10687		Lup	227.1633221	-42.8679214	-0.00187	-0.0213	5.83
437	騎官 17	22.00	131.25	5626	225483	10691	λ	Lup	227.2109067	-45.2798622	-0.00171	-0.0342	4.06
438	騎官 18	22.75	129.50	5651	225539	10733	e	Lup	228.2066167	-44.5004136	-0.00192	-0.0222	4.82
439	騎官 19	24.75	128.75	5742	225825	10928		Lup	232.3511213	-46.7327042	-0.00081	-0.0056	5.24
440	騎官 20	26.25	128.75	5781	225950	10992	d	Lup	233.9718675	-44.9583892	-0.00192	-0.0215	4.55
441	騎官 21	25.25	127.50	5708	225712	10855	ϵ	Lup	230.6702833	-44.6896075	-0.00223	-0.0203	3.38
442	騎官 22	25.25	126.00	5667	225600	10772		Lup	229.0167567	-41.4911661	-0.00084	-0.0036	5.17
443	騎官 23	24.50	124.00	5607	225435	10653		Lup	226.3298579	-41.0672358	0.00200	-0.0008	5.14
444	騎官 24	26.50	124.00	5695	225691	10838	δ	Lup	230.3430071	-40.6475178	-0.00168	-0.0241	3.22
445	騎官 25	27.75	117.50	5753	206734	10953		Lup	232.9592846	-32.8811122	-0.00150	-0.0212	6.49
446	騎官 26	29.00	119.25	5820	206843	11052	3 ψ 1	Lup	234.9415783	-34.4119261	0.00046	-0.0137	4.66
447	騎官 27	29.00	117.50	5790	206795	10997		Lup	234.0473458	-33.0928061	-0.00162	-0.0245	6.26
448	車騎 1	21.00	132.50	5605	225426	10650	π	Lup	226.2795238	-47.0512453	-0.00229	-0.0211	3.91
449	車騎 2	20.00	134.25	5646	225525	10719	κ 1	Lup	227.9836488	-48.7378186	-0.00976	-0.0480	3.86
450	車騎 3	22.00	134.25	5683	225638	10803	μ	Lup	229.6330900	-47.8751039	-0.00275	-0.0457	4.28
451	騎陣將軍	27.25	122.00	5705	206552	10844	ϕ 1	Lup	230.4515417	-36.2613764	-0.00759	-0.0860	3.56
452	房宿 1	39.00	102.00	5984	159682	11334	8 β 1	Sco	241.3592946	-19.8054533	-0.00048	-0.0249	2.62
453	房宿 2	37.50	106.00	5953	184014	11272	7 δ	Sco	240.0833529	-22.6217300	-0.00084	-0.0435	2.30
454	房宿 3	36.50	109.00	5944	183987	11252	6 π	Sco	239.7129704	-26.1141053	-0.00089	-0.0257	2.89
455	房宿 4	35.50	112.25	5928	183957	11232	5 ρ	Sco	239.2211521	-29.2140733	-0.00116	-0.0251	3.88
456	鉤鈐 1	39.50	102.00	5993	184123	11348	9 ω 1	Sco	241.7017746	-20.6691925	-0.00075	-0.0237	3.95

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
457	鈞鈐 2	40.50	103.00	5997	184135	11354	10 ω 2	Sco	241.8513642	-20.8687642	0.00312	-0.0453	4.32
458	鍵閉	40.75	101.75	6027	159764	11417	14 ν	Sco	242.9988938	-19.4607083	-0.00069	-0.0253	4.13
459	罰 1	45.25	98.50	6147	159963	11629	8 ϕ	Oph	247.7848658	-16.6127325	-0.00310	-0.0380	4.29
460	罰 2	44.50	100.50	6118	159918	11582	7 χ	Oph	246.7559788	-18.4562511	-0.00039	-0.0222	4.26
461	罰 3	43.00	103.00	6104	159892	11551	4 ψ	Oph	246.0257667	-20.0373269	-0.00152	-0.0475	4.49
462	西威 1	41.00	92.00	6031	141022	11418	15 ψ	Sco	242.9999525	-10.0642531	-0.00148	-0.0280	4.94
463	西威 2	39.50	93.75	5977	159665	11323	ξ	Sco	241.0922354	-11.3730536	-0.00430	-0.0280	4.16
464	西威 3	37.75	95.75	5941	159607	11246	48	Lib	239.5473704	-14.2793586	-0.00085	-0.0168	4.95
465	西威 4	36.25	98.25	5908	159563	11193	46 θ	Lib	238.4564083	-16.7292936	0.00697	0.1353	4.13
466	東威 1	49.00	97.75	6196	160046	11740		Oph	250.3932625	-17.7421669	-0.00152	-0.0009	4.92
467	東威 2	47.75	101.00	6202	160052	11749		Oph	250.4737150	-19.9243769	0.00200	0.0420	5.57
468	東威 3	46.00	103.00	6153	184450	11643	9 ω	Oph	248.0341638	-21.4663897	0.00145	0.0362	4.44
469	東威 4	44.25	105.50	6112	184382	11568	5 ρ	Oph	246.3963233	-23.4471786	-0.00041	-0.0250	4.57
470	日	32.25	105.25	5838	159442	11075	43 κ	Lib	235.4866588	-19.6788281	-0.00235	-0.1043	4.75
471	從官 1	31.75	116.25	5925	207144	11233	ξ 1	Lup	239.2229092	-33.9661339	0.00191	-0.0460	5.09
472	從官 2	34.50	116.75	5883	207040	11167	5 χ	Lup	237.7397400	-33.6271656	-0.00047	-0.0249	3.96
473	心宿 1	44.75	111.50	6134	184415	11607	21 α	Sco	247.3519204	-26.4320025	-0.00076	-0.0232	1.07
474	心宿 2	42.75	110.00	6084	184336	11522	20 σ	Sco	245.2971500	-25.5927964	-0.00074	-0.0180	2.91
475	心宿 3	45.25	113.75	6165	184481	11670	23 τ	Sco	248.9706404	-28.2160161	-0.00065	-0.0225	2.83
476	積卒 1	44.75	119.25	6122	207688	11594		Sco	247.0602863	-37.1798814	0.00126	-0.0269	5.79
477	積卒 2	43.25	118.25	6143	207732	11635	N	Sco	247.8455554	-34.7043661	-0.00093	-0.0186	4.24
478	積卒 3	43.00	120.50	6166	207814	11677	H	Sco	249.0936308	-35.2553261	0.00120	0.0121	4.17
479	積卒 4	40.75	119.50	6100	207637	11557		Sco	246.1323125	-37.5660442	-0.00118	-0.0304	5.42
480	積卒 5	39.75	118.00	6007	207403	11394		Sco	242.4691221	-33.5458050	-0.00206	-0.0449	5.50
481	積卒 6	38.75	119.50	5987	207332	11347	θ	Lup	241.6481033	-36.8022883	-0.00132	-0.0311	4.22
482	積卒 7	38.75	125.00	5948	207208	11269	η	Lup	240.0305342	-38.3967067	-0.00141	-0.0271	3.43
483	積卒 8	39.25	126.75	5943	226425	11260		Lup	239.8761096	-41.7444361	-0.00337	-0.0165	4.99
484	積卒 9	40.75	124.75	6094	207622	11549		Sco	246.0053742	-39.1929803	0.00625	0.0034	5.37
485	積卒 10	43.00	127.00	6142	226855	11638		Sco	247.9240358	-41.8171447	-0.00031	-0.0011	5.32
486	積卒 11	43.75	125.50	6178	207878	11709		Sco	249.7717775	-37.2173700	-0.00099	-0.0439	5.93
487	積卒 12	44.75	127.00	6221	208020	11798		Sco	251.6998258	-39.3769619	-0.00152	-0.0262	5.49
488	尾宿 1	47.50	118.75	6241	208078	11833	26 ε	Sco	252.5408875	-34.2932317	-0.04937	-0.2559	2.29
489	尾宿 2	46.00	123.00	6247	208102	11850	μ 1	Sco	252.9676346	-38.0473797	-0.00075	-0.0216	3.00
490	尾宿 3	48.00	127.00	6380	227707	12089	η	Sco	258.0383063	-43.2391889	0.00201	-0.2874	3.32
491	尾宿 4	50.00	128.00	6460	227911	12258		Sco	261.0545292	-44.1625756	-0.00064	-0.0304	5.11
492	尾宿 5	53.00	129.00	6553	228201	12416	θ	Sco	264.3297108	-42.9978239	0.00055	-0.0010	1.86
493	尾宿 6	55.50	125.50	6615	228420	12533	ι 1	Sco	266.8961729	-40.1269975	0.00004	-0.0064	3.01
494	尾宿 7	55.75	124.75	6580	209163	12474	κ	Sco	265.6219788	-39.0299831	-0.00056	-0.0256	2.39
495	尾宿 8	54.50	122.50	6527	208954	12373	35 λ	Sco	263.4021667	-37.1038211	-0.00074	-0.0300	1.63
496	尾宿 9	52.75	122.00	6508	208896	12335	34 ν	Sco	262.6909821	-37.2958111	-0.00035	-0.0291	2.68
497	天江 1	52.25	113.00	6401	185199	12125	36 A	Oph	258.8374092	-26.6028294	-0.03532	-1.1439	4.33
498	天江 2	53.25	112.00	6453	185320	12225	42 θ	Oph	260.5024100	-24.9995456	-0.00065	-0.0236	3.26
499	天江 3	55.50	111.00	6486	185401	12287	44 b	Oph	261.5925671	-24.1753094	-0.00014	-0.1177	4.16
500	天江 4	57.25	111.50	6519	185470	12344	51 c	Oph	262.8539750	-23.9626433	0.00036	-0.0259	4.80
501	傳說	60.00	124.50	6630	209318	12558	G	Sco	267.4645083	-37.0433036	0.00352	0.0278	3.19
502	魚	61.25	121.75	10120	0	17348	M7		268.4750000	-34.8166667	0.00000	0.0000	3.30
503	龜 1	63.25	129.00	6818	228851	12919		CrA	273.9727079	-44.2064606	0.00644	0.0147	5.45
504	龜 2	62.50	127.50	6804	228815	12884		CrA	273.3029046	-41.3361108	-0.00029	-0.0059	5.47
505	龜 3	61.00	127.00	6682	228578	12676		Sco	269.4491883	-41.7162953	-0.00015	-0.0151	4.88
506	龜 4	60.00	128.00	6675	228562	12657		Sco	269.1975958	-44.3422461	-0.00030	-0.0195	4.86
507	龜 5	61.25	129.25	6783	228777	12861	ε	Tel	272.8073442	-45.9544175	-0.00156	-0.0373	4.52
508	箕宿 1	66.25	120.00	6746	209696	12781	10 γ 2	Sgr	271.4520288	-30.4240914	-0.00431	-0.1815	3.63
509	箕宿 2	69.50	121.00	6859	186681	12986	19 δ	Sgr	275.2485075	-29.8281033	0.00230	-0.0264	2.70
510	箕宿 3	69.50	126.00	6879	210091	13034	20 ε	Sgr	276.0429929	-34.3846161	-0.00320	-0.1241	1.81
511	箕宿 4	67.25	128.00	6832	209957	12940	η	Sgr	274.4068129	-36.7616861	-0.01076	-0.1666	3.13
512	糖	66.00	130.00	6862	210048	13007		CrA	275.5773854	-38.6568936	-0.00361	-0.0283	5.07
513	杵 1	69.25	135.00	6951	229111	13157	θ	CrA	278.3757738	-42.3125097	0.00293	-0.0210	4.62

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
514	杵 2	68.00	138.50	6897	229023	13066	α	Tel	276.7434013	-45.9684589	-0.00160	-0.0533	3.49
515	杵 3	66.75	141.25	6905	229047	13085	ζ	Tel	277.2077450	-49.0705878	0.01403	-0.2291	4.11
516	斗宿 1	78.75	122.50	7194	187600	13614	38 ζ	Sgr	285.6529746	-29.8801053	-0.00108	0.0037	2.61
517	斗宿 2	80.25	119.00	7234	187683	13676	40 τ	Sgr	286.7350371	-27.6704231	-0.00382	-0.2505	3.32
518	斗宿 3	78.00	116.00	7121	187448	13482	34 σ	Sgr	283.8163571	-26.2967222	0.00103	-0.0527	2.07
519	斗宿 4	75.00	117.00	7039	187239	13329	27 ϕ	Sgr	281.4141104	-26.9907783	0.00383	0.0005	3.17
520	斗宿 5	72.00	113.75	6913	186841	13078	22 λ	Sgr	276.9926692	-25.4217000	-0.00331	-0.1863	2.83
521	斗宿 6	70.25	108.50	6812	186497	12890	13 μ	Sgr	273.4408742	-21.0588336	0.00012	-0.0014	3.84
522	天籥 1	66.00	115.50	6766	186328	12819		Sgr	272.0207475	-28.4570931	0.00188	-0.0316	4.56
523	天籥 2	68.00	114.75	6842	186612	12948		Sgr	274.5132954	-27.0426411	0.00034	-0.0028	4.65
524	天籥 3	69.00	112.75	6846	186629	12956		Sgr	274.6739983	-25.6047903	-0.00028	-0.0304	6.50
525	天籥 4	68.00	111.00	6801	186437	12868	11	Sgr	272.9305542	-23.7012353	0.00057	-0.0278	4.96
526	天籥 5	66.25	110.00	6700	186061	12700	4	Sgr	269.9481388	-23.8161336	-0.00039	-0.0503	4.74
527	天籥 6	64.50	111.00	6672	185928	12634		Sgr	268.7251813	-24.8870950	0.00010	-0.0027	6.20
528	天籥 7	64.00	112.50	6680	185975	12655		Sgr	269.1743338	-28.0653936	0.00241	-0.0182	5.79
529	天籥 8	64.50	115.00	6692	186025	12685		Sgr	269.6627071	-28.7590886	-0.00006	-0.0052	5.97
530	天弁 1	84.00	92.00	7236	143021	13662	16 λ	Aql	286.5622433	-4.8825542	-0.00132	-0.0904	3.44
531	天弁 2	83.00	91.25	7209	142959	13617	14 g	Aql	285.7270771	-3.6989867	0.00076	0.0070	5.41
532	天弁 3	82.50	93.25	7193	142931	13602	12 i	Aql	285.4201133	-5.7391150	-0.00162	-0.0397	4.02
533	天弁 4	80.00	93.50	7149	142838	13519	η	Sct	284.2652908	-5.8463136	0.00407	-0.0409	4.82
534	天弁 5	79.25	92.00	7063	142618	13357	β	Sct	281.7936367	-4.7478672	-0.00052	-0.0159	4.23
535	天弁 6	78.25	93.00	7066	142620	13362		Sct	281.8706258	-5.7051469	-0.00295	-0.0314	5.40
536	天弁 7	77.00	94.25	7032	142546	13289	ε	Sct	280.8802200	-8.2752147	0.00143	0.0116	4.90
537	天弁 8	76.00	95.00	7020	142515	13272	δ	Sct	280.5684450	-9.0525486	0.00053	0.0020	4.71
538	天弁 9	75.00	94.00	6973	142408	13176	α	Sct	278.8017779	-8.2440728	-0.00128	-0.3146	3.85
539	建星 1	85.25	113.00	7264	187756	13718	41 π	Sgr	287.4409708	-21.0236147	-0.00008	-0.0368	2.90
540	建星 2	83.50	114.00	7217	187643	13644	39 o	Sgr	286.1707571	-21.7414956	0.00547	-0.0581	3.77
541	建星 3	82.00	111.75	7150	187504	13529	37 ξ 2	Sgr	284.4325067	-21.1066542	0.00250	-0.0123	3.53
542	建星 4	88.50	111.00	7304	162413	13820	43 d	Sgr	289.4086642	-18.9529081	-0.00071	-0.0106	4.88
543	建星 5	89.50	109.25	7340	162512	13883	44 ρ 1	Sgr	290.4181617	-17.8471975	-0.00189	0.0222	3.93
544	建星 6	89.00	108.00	7342	162518	13884	46 ν	Sgr	290.4317629	-15.9550175	0.00012	-0.0063	4.58
545	天鷄 1	94.25	110.50	7443	162816	14103		Sgr	294.2639213	-18.2310522	0.00074	-0.0138	5.65
546	天鷄 2	96.25	112.00	7515	162964	14218	56 f	Sgr	296.5905808	-19.7611131	-0.00913	-0.0898	4.88
547	狗 1	76.50	125.25	7211	210883	13642		Sgr	286.1044046	-31.0470792	0.00023	-0.0192	5.50
548	狗 2	74.50	124.25	7151	210773	13536		Sgr	284.5886658	-31.0359747	-0.00365	-0.0488	6.09
549	狗国 1	92.75	115.00	7375	188121	13951	50	Sgr	291.5798183	-21.7766928	0.00260	-0.0046	5.57
550	狗国 2	92.00	116.50	7362	188101	13935	47 χ 1	Sgr	291.3187142	-24.5085750	0.00466	-0.0519	5.02
551	狗国 3	94.00	118.25	7440	188337	14096	52 h2	Sgr	294.1768050	-24.8836231	0.00505	-0.0232	4.61
552	狗国 4	95.00	116.00	7473	188419	14142		Sgr	295.0298575	-23.4290856	0.00216	-0.0128	5.97
553	天泉 1	85.00	144.25	7424	229751	14070	ι	Tel	293.8041150	-48.0992017	-0.00070	-0.0374	4.89
554	天泉 2	92.75	144.25	7745	230144	14676		Tel	304.7332371	-47.7107742	0.00122	-0.0020	6.29
555	天泉 3	92.75	138.00	7652	211767	14475		Sgr	300.8894133	-37.9406986	0.00547	-0.0854	4.76
556	天泉 4	85.00	138.00	7348	229659	13914	α	Sgr	290.9715688	-40.6159400	0.00287	-0.1208	3.96
557	天泉 5	87.50	142.50	7416	229741	14035		Tel	293.3400867	-45.2717486	-0.00154	-0.0245	5.59
558	天泉 6	89.00	143.50	7537	229887	14271		Tel	297.5585817	-47.5573919	0.00084	-0.0130	5.92
559	天泉 7	90.50	142.50	7630	229981	14433		Sgr	300.2013600	-45.1129183	0.00032	0.0058	5.80
560	天泉 8	90.50	141.00	7581	229927	14347	ι	Sgr	298.8154058	-41.8682881	0.00209	0.0516	4.12
561	天泉 9	89.00	140.00	7422	229746	14047		Sgr	293.5353567	-40.0346383	0.00039	-0.0021	5.91
562	天泉 10	87.50	141.00	7392	229712	13985		Sgr	292.3493571	-43.4451950	0.00854	-0.1149	5.71
563	丈人	74.00	126.00	6960	210312	13163		Sgr	278.4906933	-33.0165597	0.00019	-0.0112	5.28
564	鼈 1	77.00	135.00	7188	229461	13619	ζ	CrA	285.7786517	-42.0951047	0.00501	-0.0453	4.74
565	鼈 2	78.25	134.00	7242	229513	13692	δ	CrA	287.0873742	-40.4967028	0.00421	-0.0268	4.58
566	鼈 3	79.25	132.50	7259	211005	13725	β	CrA	287.5073204	-39.3407961	0.00051	-0.0368	4.11
567	鼈 4	79.50	131.00	7254	210990	13713	α	CrA	287.3680904	-37.9044744	0.00724	-0.0967	4.10
568	鼈 5	78.50	129.25	7226	210928	13666	γ	CrA	286.6046267	-37.0634369	0.00810	-0.2797	4.23
569	鼈 6	77.25	129.00	7152	210781	13546	ε	CrA	284.6807383	-37.1073569	-0.01106	-0.1105	4.83
570	鼈 7	76.00	129.25	7129	210734	13513		CrA	284.1687379	-37.3432408	0.00074	-0.0237	5.36

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
571	鼈 8	74.00	127.50	7029	210509	13303		Sgr	281.0806683	-35.6419867	0.00010	-0.0270	4.86
572	鼈 9	73.00	128.50	7021	210501	13294	λ	CrA	280.9455913	-38.3234414	0.00010	-0.0538	5.12
573	鼈 10	72.50	130.50	7031	210518	13316		CrA	281.2381517	-39.6861883	0.00075	-0.0063	5.44
574	鼈 11	72.25	132.50	7050	229285	13365	μ	CrA	281.9359100	-40.4061669	0.00216	-0.0186	5.21
575	鼈 12	73.00	133.50	0	229318	13418		CrA	282.7443792	-41.0626869	0.00043	-0.0037	6.49
576	鼈 13	73.50	134.00	0	229334	13434		CrA	283.0497442	-41.7091950	-0.00079	-0.0305	6.45
577	鼈 14	74.50	134.50	7122	229383	13505		CrA	284.0706296	-42.7106756	-0.00245	-0.0305	5.35
578	牛宿 1	102.25	112.75	7814	163592	14786	10 π	Cap	306.8300408	-18.2117208	0.00072	-0.0109	5.25
579	牛宿 2	103.00	111.25	7822	163614	14811	11 ρ	Cap	307.2150583	-17.8136869	-0.00111	-0.0077	4.80
580	牛宿 3	101.25	111.25	7761	163445	14681	7 σ	Cap	304.8483508	-19.1185333	0.00056	-0.0109	5.27
581	牛宿 4	102.25	108.75	7776	163481	14709	9 β	Cap	305.2528150	-14.7813672	0.00334	0.0140	3.09
582	牛宿 5	101.25	106.75	7715	163337	14580	2 ξ 2	Cap	303.1077950	-12.6174975	0.01320	-0.1956	5.84
583	牛宿 6	102.75	106.00	7754	163427	14662	6 α 2	Cap	304.5135642	-12.5448519	0.00422	0.0029	3.58
584	牛宿 7	103.50	107.50	7773	163468	14704	8 ν	Cap	305.1659004	-12.7590797	0.00107	-0.0146	4.76
585	天桴 1	101.50	84.75	7648	125355	14437		Aql	300.2457400	8.5577350	0.00075	-0.0140	5.90
586	天桴 2	103.00	86.00	7669	125403	14488	63 τ	Aql	301.0346467	7.2779658	0.00096	0.0130	5.52
587	天桴 3	104.00	88.25	7794	125747	14738		Aql	305.7945567	5.3429872	-0.00180	-0.0371	5.30
588	天桴 4	105.00	90.00	7824	125843	14798		Del	307.0699646	2.9371611	0.00260	0.0037	6.21
589	河鼓 1	96.00	81.25	7525	105223	14217	50 γ	Aql	296.5649146	10.6132611	0.00107	-0.0031	2.71
590	河鼓 2	97.25	83.25	7557	125122	14285	53 α	Aql	297.6958292	8.8683219	0.03622	0.3856	0.93
591	河鼓 3	98.50	87.00	7602	125235	14348	60 β	Aql	298.8283058	6.4067633	0.00311	-0.4813	3.72
592	鼓旗 1	93.25	83.75	7519	125032	14211	49 ν	Aql	296.4164479	7.6131581	0.00362	0.0001	5.89
593	鼓旗 2	93.50	86.00	7474	124903	14127	44 σ	Aql	294.7985058	5.3977733	0.00014	-0.0038	5.18
594	鼓旗 3	91.00	85.00	7429	124799	14045	38 μ	Aql	293.5223038	7.3789414	0.01430	-0.1554	4.45
595	鼓旗 4	89.25	87.00	7303	124455	13803	22	Aql	289.1292983	4.8347956	0.00099	-0.0104	5.58
596	鼓旗 5	90.25	89.25	7377	124603	13942	30 δ	Aql	291.3745854	3.1147753	0.01690	0.0807	3.37
597	鼓旗 6	90.25	92.00	7387	124628	13958	32 ν	Aql	291.6295383	0.3385700	-0.00006	-0.0023	4.68
598	鼓旗 7	89.25	94.00	7336	143292	13865	27 d	Aql	290.1486938	-0.8921611	0.00038	0.0031	5.47
599	鼓旗 8	89.50	97.25	7414	143482	14002	36 e	Aql	292.6659892	-2.7888869	0.00154	-0.0105	5.03
600	鼓旗 9	88.50	99.75	7446	143600	14100	39 κ	Aql	294.2227054	-7.0274772	0.00009	-0.0027	4.97
601	左旗 1	95.00	72.00	7463	105061	14108	4 ϵ	Sge	294.3224738	16.4628025	0.00120	0.0137	5.66
602	左旗 2	95.00	74.50	7437	104990	14056	9	Vul	293.6454013	19.7734028	0.00095	0.0022	5.00
603	左旗 3	96.50	73.00	7479	105120	14141	5 α	Sge	295.0241325	18.0138906	0.00106	-0.0197	4.39
604	左旗 4	99.25	73.00	7536	105259	14229	7 δ	Sge	296.8469158	18.5342808	-0.00032	0.0111	3.83
605	左旗 5	101.25	73.75	7635	105500	14396	12 γ	Sge	299.6892813	19.4921478	0.00455	0.0226	3.51
606	左旗 6	102.50	74.00	7679	105659	14503	16 η	Sge	301.2895567	19.9910706	0.00217	0.0797	5.09
607	左旗 7	102.50	76.00	7662	105608	14471		Sge	300.8183325	18.5009928	0.00080	-0.0197	5.98
608	左旗 8	102.75	77.50	7672	105635	14487	15	Sge	301.0259358	17.0701733	-0.02748	-0.4064	5.79
609	左旗 9	104.00	79.00	7724	105878	14605	67 ρ	Del	303.5692471	15.1976086	0.00385	0.0580	4.95
610	織女 1	89.50	47.75	7001	67174	13203	3 α	Lyr	279.2347350	38.7836919	0.01719	0.2875	0.03
611	織女 2	91.25	46.00	7051	67310	13305	4 ϵ 1	Lyr	281.0847721	39.6701233	0.00091	0.0602	5.01
612	織女 3	91.25	48.75	7056	67321	13310	6 ζ 1	Lyr	281.1931558	37.6051147	0.00246	0.0266	4.34
613	漸室 1	93.25	53.00	7204	67699	13583		Lyr	285.2300063	33.8021581	0.00045	0.0031	6.05
614	漸室 2	90.75	53.00	7106	67451	13406	10 β	Lyr	282.5199779	33.3626669	0.00009	-0.0045	3.52
615	漸室 3	90.00	55.00	7102	67446	13405	9 ν 2	Lyr	282.4704867	32.5510578	-0.00093	-0.0128	5.23
616	漸室 4	92.50	55.00	7178	67663	13553	14 γ	Lyr	284.7359279	32.6895575	-0.00022	0.0018	3.25
617	輦道 1	93.50	44.00	7157	47919	13483	13	Lyr	283.8337554	43.9460886	0.00185	0.0806	4.19
618	輦道 2	95.75	48.00	7298	68010	13764	20 η	Lyr	288.4395317	39.1459683	-0.00014	-0.0006	4.41
619	輦道 3	97.00	50.00	7314	68065	13799	21 θ	Lyr	289.0920629	38.1337308	-0.00004	0.0012	4.34
620	輦道 4	99.00	52.75	7395	68301	13948	4	Cyg	291.5380288	36.3178964	0.00035	0.0130	5.18
621	輦道 5	100.75	54.75	7426	68447	14021	8	Cyg	292.9430075	34.4529683	0.00009	-0.0036	4.74
622	輦道 6	103.00	55.75	7534	68827	14220	17	Cyg	296.6066671	33.7275978	0.00185	-0.4487	5.00
623	羅堰 1	104.25	116.25	7900	163779	14963	15 ν	Cap	310.0122688	-18.1386589	-0.00160	-0.0216	5.15
624	羅堰 2	105.75	114.75	7905	163783	14970		Cap	310.1354921	-16.1241797	-0.00473	0.0739	5.79
625	羅堰 3	107.50	112.25	7889	163771	14951	14 τ	Cap	309.8179908	-14.9547600	0.00018	-0.0197	5.26
626	天田 1	102.00	118.50	7748	189114	14661	4	Cap	304.5058229	-21.8099603	0.00254	-0.0247	5.86
627	天田 2	99.25	118.50	7658	188863	14482		Sgr	300.9346246	-22.5955953	-0.00278	0.0234	6.44

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
628	天田 3	99.25	121.00	7722	189065	14621		Cap	303.8224621	-27.0329767	0.09292	-0.1815	5.73
629	天田 4	99.25	123.00	7725	211940	14631		Sgr	303.9608692	-30.0052778	0.00260	0.0077	6.29
630	天田 5	102.00	123.00	7801	189264	14767		Sgr	306.3617842	-28.6632694	0.00089	0.0041	5.85
631	天田 6	104.00	123.00	7832	189374	14840		Mic	307.7366754	-29.1126631	0.00141	-0.0063	6.35
632	天田 7	104.00	121.00	7842	189416	14864		Cap	308.2181513	-24.9438294	0.00039	-0.0429	6.36
633	天田 8	104.00	118.50	7825	189345	14823		Cap	307.3805867	-22.3915667	0.00059	-0.0309	6.14
634	天田 9	102.00	121.00	0	189309	14793		Cap	307.0053521	-25.6064542	0.00196	0.0245	6.81
635	九坎 1	97.75	139.50	7869	230300	14924	α	Ind	309.3918000	-47.2915017	0.00484	0.0661	3.11
636	九坎 2	97.75	137.00	7787	230184	14747	$\kappa 2$	Sgr	305.9715758	-42.4228683	-0.00100	0.0150	5.64
637	九坎 3	99.00	138.00	7846	230276	14878	ν	Mic	308.4794675	-44.5160481	0.00104	-0.0357	5.12
638	九坎 4	103.00	135.50	0	230323	14986		Mic	310.3527742	-42.1337803	0.00440	-0.0332	6.33
639	九坎 5	103.75	137.50	7943	230379	15076	ι	Mic	312.1214254	-43.9885439	0.01629	-0.1122	5.11
640	九坎 6	102.75	140.00	7952	230391	15088	ζ	Ind	312.3706713	-46.2268261	0.00365	0.0273	4.89
641	九坎 7	107.50	136.00	7987	212522	15136		Mic	313.4174408	-39.8098647	0.00384	-0.0972	5.34
642	九坎 8	108.25	138.00	8069	230523	15296	η	Mic	316.6063342	-41.3859653	0.00260	-0.0120	5.52
643	九坎 9	107.50	140.00	0	230552	15347		Mic	317.4335625	-44.2098211	0.00100	-0.0046	6.53
644	女宿 1	110.50	100.00	7951	144814	15061	3 κ	Aqr	311.9343167	-5.0277008	-0.00022	-0.0402	4.46
645	女宿 2	112.00	101.50	7982	144877	15107	4	Aqr	312.8572846	-5.6266328	0.00642	0.0013	6.07
646	女宿 3	112.00	105.00	7990	144895	15124	6 μ	Aqr	313.1634733	-8.9833178	0.00318	-0.0329	4.72
647	女宿 4	109.50	105.50	7950	144810	15060	2 ϵ	Aqr	311.9189642	-9.4957758	0.00216	-0.0353	3.77
648	離珠 1	109.50	95.50	7873	144624	14910	70	Aql	309.1818017	-2.5499572	0.00061	-0.0160	4.89
649	離珠 2	109.50	93.50	7884	144649	14938	71 l	Aql	309.5845108	-1.1051208	0.00104	-0.0170	4.31
650	離珠 3	110.75	92.50	7897	126062	14954	1	Aqr	309.8537146	0.4864447	0.00687	-0.0194	5.15
651	離珠 4	112.00	93.25	0	144841	15082		Aqr	312.3218242	-0.5633367	-0.00178	-0.0254	6.35
652	離珠 5	112.00	95.50	7946	144802	15054		Aqr	311.7648408	-2.4869119	-0.00132	-0.0215	6.28
653	敗瓜 1	110.00	81.25	7852	106230	14867	2 ϵ	Del	308.3032133	11.3032628	0.00073	-0.0285	4.04
654	敗瓜 2	110.50	80.00	7858	106248	14880	3 η	Del	308.4876779	13.0272547	0.00523	0.0219	5.39
655	敗瓜 3	112.00	79.75	7892	106342	14943	8 θ	Del	309.6832763	13.3151247	0.00018	-0.0004	5.69
656	敗瓜 4	111.00	81.25	7883	106322	14928	5 ι	Del	309.4546663	11.3776758	0.00272	-0.0085	5.43
657	敗瓜 5	110.50	83.00	7896	126059	14948	7 κ	Del	309.7824342	10.0862031	0.02191	0.0211	5.07
658	瓠瓜 1	112.00	77.50	7882	106316	14923	6 β	Del	309.3872671	14.5950908	0.00825	-0.0536	3.63
659	瓠瓜 2	112.75	76.00	7906	106357	14957	9 α	Del	309.9095308	15.9120800	0.00366	0.0097	3.78
660	瓠瓜 3	114.25	77.00	7928	106425	15011	11 δ	Del	310.8647246	15.0745808	-0.00135	-0.0417	4.43
661	瓠瓜 4	115.75	75.75	7948	106476	15050	12 $\gamma 2$	Del	311.6645929	16.1242961	-0.00180	-0.1963	4.26
662	瓠瓜 5	114.25	74.50	7923	106396	14993		Del	310.4923558	17.5214889	0.00116	0.0431	6.24
663	天津 1	109.75	53.00	7796	49528	14724	37 γ	Cyg	305.5570913	40.2566792	0.00021	-0.0009	2.23
664	天津 2	113.75	59.50	7949	70474	15042	53 ϵ	Cyg	311.5528446	33.9702561	0.02863	0.3303	2.49
665	天津 3	121.50	63.50	8115	71070	15378	64 ζ	Cyg	318.2341092	30.2269158	0.00053	-0.0681	3.20
666	天津 4	124.00	61.00	8146	71173	15436	66 ν	Cyg	319.4794850	34.8968978	0.00097	0.0069	4.42
667	天津 5	123.50	57.00	8130	71121	15399	65 τ	Cyg	318.6978817	38.0453169	0.01657	0.4100	3.74
668	天津 6	119.00	52.75	8028	50274	15182	58 ν	Cyg	314.2934154	41.1671411	0.00075	-0.0240	3.94
669	天津 7	117.00	46.50	7924	49941	14987	50 α	Cyg	310.3579779	45.2803381	0.00015	0.0016	1.33
670	天津 8	112.00	43.75	7751	49385	14624	32	Cyg	303.8680067	47.7142083	0.00038	0.0012	4.00
671	天津 9	106.00	46.75	7528	48796	14207	18 δ	Cyg	296.2436575	45.1308097	0.00408	0.0484	2.91
672	奚仲 1	99.00	37.25	7420	31702	13988	10 $\iota 2$	Cyg	292.4264958	51.7297789	0.00225	0.1281	3.77
673	奚仲 2	99.50	35.75	7328	31537	13814	1 κ	Cyg	289.2757033	53.3684594	0.00673	0.1229	3.80
674	奚仲 3	101.00	38.50	7469	31815	14090	13 θ	Cyg	294.1105625	50.2211028	-0.00085	0.2630	4.50
675	奚仲 4	99.50	40.00	7503	31898	14163	16 c	Cyg	295.4539729	50.5250603	-0.01549	-0.1589	5.96
676	扶筐 1	82.96	34.95	7137	31241	13450		Dra	283.3064396	50.7082214	0.00048	-0.0278	4.91
677	扶筐 2	82.23	33.54	7084	31165	13349		Dra	281.6795333	52.9879603	0.00112	-0.0040	5.91
678	扶筐 3	81.59	31.84	7049	31119	13278	46 c	Dra	280.6581396	55.5394572	-0.00031	0.0234	5.03
679	扶筐 4	81.18	30.47	6978	31039	13137	45 d	Dra	278.1438442	57.0455992	0.00004	-0.0071	4.78
680	扶筐 5	85.80	29.99	7175	31284	13515	48	Dra	284.1877104	57.8148508	-0.00330	-0.0594	5.67
681	扶筐 6	86.89	31.99	7218	31323	13581	49	Dra	285.1810625	55.6583017	-0.00139	-0.0074	5.52
682	扶筐 7	86.96	33.78	7251	31371	13648	51	Dra	286.2298563	53.3966542	-0.00046	0.0210	5.41
683	周 1	116.00	112.50	8167	164346	15506	32 ι	Cap	320.5616508	-16.8345425	0.00215	0.0053	4.29
684	周 2	115.00	115.00	8137	164286	15438	30	Cap	319.4886921	-17.9851381	0.00109	-0.0007	5.40

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
685	泰 1	111.00	114.75	8075	164132	15289	23 θ	Cap	316.4867833	-17.2328608	0.00556	-0.0616	4.08
686	泰 2	112.25	115.00	8000	163975	15153	19	Cap	313.6992346	-17.9228942	-0.00413	-0.0170	5.78
687	晋 1	112.50	122.50	8080	190025	15305	24 A	Cap	316.7819496	-25.0058533	-0.00200	-0.0434	4.52
688	晋 2	110.50	122.50	8013	189856	15179		Cap	314.1972171	-26.2963778	0.00707	-0.0651	5.70
689	代 1	118.75	122.25	8204	190341	15562	34 ζ	Cap	321.6667754	-22.4113325	-0.00019	0.0189	3.75
690	代 2	115.50	122.50	8172	190285	15518		Cap	320.7520617	-22.6690481	0.00266	0.0004	5.62
691	趙 1	107.00	120.75	7936	189664	15040	16 ψ	Cap	311.5238875	-25.2708975	-0.00379	-0.1567	4.15
692	趙 2	107.50	123.00	7980	189781	15115	18 ω	Cap	312.9553792	-26.9191325	-0.00060	-0.0025	4.11
693	越	107.75	115.75	7964	163910	15087		Cap	312.3355925	-18.0358547	0.00001	-0.0335	6.21
694	齊	108.75	125.00	7997	189815	15143		Mic	313.5273700	-27.9252394	-0.00088	-0.0172	6.41
695	燕	108.50	118.75	7937	189667	15041	17	Cap	311.5416183	-21.5140325	0.00168	-0.0170	5.91
696	鄭	106.00	118.50	7898	189549	14965		Cap	310.0489825	-23.7738675	0.03649	0.4608	6.36
697	楚	109.50	117.50	8087	190050	15325	25 χ	Cap	317.1401025	-21.1936694	0.00134	-0.0592	5.30
698	魏	111.00	116.50	8060	189986	15275	22 η	Cap	316.1012517	-19.8549906	-0.00277	-0.0245	4.85
699	韓	111.50	119.25	8127	190173	15409	28 ϕ	Cap	318.9079171	-20.6516958	0.00110	-0.0022	5.16
700	虛宿 1	123.00	101.00	8232	145457	15618	22 β	Aqr	322.8897250	-5.5711722	0.00153	-0.0067	2.89
701	虛宿 2	118.00	92.50	8131	126662	15416	8 α	Equ	318.9559654	5.2478447	0.00399	-0.0943	3.94
702	司命 1	121.00	85.50	8123	126643	15394	7 δ	Equ	318.6200633	10.0069614	0.00287	-0.3034	4.50
703	司命 2	118.00	85.50	8030	106712	15197	18	Del	314.6080604	10.8392861	-0.00326	-0.0344	5.52
704	司祿 1	123.00	74.25	8267	107288	15679	5	Peg	324.4392913	19.3186075	0.00703	0.0134	5.46
705	司祿 2	120.25	74.25	8173	107073	15505	1	Peg	320.5216650	19.8045081	0.00751	0.0626	4.09
706	司危 1	123.00	67.75	8225	89752	15602	2	Peg	322.4870633	23.6388378	0.00178	0.0035	4.52
707	司危 2	125.50	69.50	8165	89640	15491		Peg	320.2683096	23.8559664	0.01776	-0.1200	5.59
708	司非 1	123.75	65.00	8217	89720	15573	35	Vul	321.9169063	27.6085933	0.00314	0.0204	5.39
709	司非 2	126.25	65.50	8257	89815	15660		Peg	323.8296513	28.1976067	0.01051	-0.0332	6.25
710	哭 1	122.75	112.00	8278	164560	15705	40 γ	Cap	325.0227346	-16.6623078	0.01304	-0.0223	3.68
711	哭 2	124.75	111.00	8322	164644	15796	49 δ	Cap	326.7601879	-16.1272858	0.01827	-0.2962	2.85
712	泣 1	131.25	108.00	8499	145991	16137	43 θ	Aqr	334.2084850	-7.7832903	0.00800	-0.0219	4.17
713	泣 2	133.75	108.00	8512	146023	16166	46 ρ	Aqr	335.0496525	-7.8211019	0.00102	0.0016	5.35
714	離瑜 1	115.00	128.00	8039	212636	15235	γ	Mic	315.3227508	-32.2577672	-0.00017	-0.0002	4.67
715	離瑜 2	116.00	126.50	8070	212709	15291	δ	Mic	316.5047725	-30.1251206	0.00251	-0.0687	5.70
716	離瑜 3	117.00	125.00	8110	190129	15380		Mic	318.3222179	-27.6193325	0.00744	-0.1128	5.41
717	天壘城 1	125.00	119.25	8260	164520	15671	39 ε	Cap	324.2701296	-19.4660117	0.00095	0.0008	4.52
718	天壘城 2	123.00	119.25	8247	190469	15658		Cap	323.8164867	-23.4543131	0.00567	-0.0143	6.39
719	天壘城 3	120.75	120.50	8235	190423	15627		Cap	323.1385942	-24.5904178	0.00505	0.0062	6.44
720	天壘城 4	119.75	122.25	8253	190478	15665	8	PsA	324.0457254	-26.1715161	0.00801	-0.0243	5.74
721	天壘城 5	119.50	125.00	8244	190458	15653		PsA	323.7208413	-29.6961175	0.00110	-0.0150	6.44
722	天壘城 6	120.00	127.50	8326	213292	15803	10 θ	PsA	326.9339575	-30.8983042	-0.00268	0.0006	5.02
723	天壘城 7	122.00	130.00	8365	213406	15891		PsA	328.9818329	-30.6059203	0.00414	-0.0200	6.41
724	天壘城 8	125.00	131.00	8405	213517	15980	13	PsA	331.0993175	-29.9165297	0.00022	0.0034	6.45
725	天壘城 9	128.00	129.50	8478	190985	16111	16 λ	PsA	333.5781308	-27.7669075	0.00172	0.0019	5.44
726	天壘城 10	130.00	128.00	8470	190976	16104		PsA	333.4351388	-25.1809050	0.00524	0.0084	5.58
727	天壘城 11	130.00	123.00	8378	190786	15923		Cap	329.6824746	-21.1829447	0.00198	-0.0063	6.09
728	天壘城 12	128.00	121.00	8288	164593	15739	43 κ	Cap	325.6646133	-18.8663231	0.01028	-0.0091	4.73
729	敗白 1	137.00	145.00	8556	231154	16262	$\delta 1$	Gru	337.3173946	-43.4955647	0.00235	-0.0042	3.96
730	敗白 2	138.00	147.00	8636	231258	16407	β	Gru	340.6668779	-46.8845769	0.01323	-0.0045	2.12
731	敗白 3	150.50	147.00	8959	231707	17000		Phe	354.4624779	-45.4923514	0.00679	-0.0123	4.74
732	敗白 4	152.50	143.00	8949	231675	16979	ι	Phe	353.7690167	-42.6150747	0.00382	0.0108	4.71
733	危宿 1	135.00	92.50	8450	127340	16055	26 θ	Peg	332.5499383	6.1978650	0.01891	0.0312	3.53
734	危宿 2	130.50	86.00	8308	127029	15759	8 ε	Peg	326.0464921	9.8750114	0.00203	0.0014	2.39
735	危宿 3	133.25	98.50	8414	145862	15997	34 α	Aqr	331.4459821	-0.3198508	0.00119	-0.0099	2.94
736	墳墓 1	138.50	98.50	8559	146108	16256	55 $\zeta 2$	Aqr	337.2079675	-0.0199719	0.01275	0.0375	4.10
737	墳墓 2	137.00	100.00	8518	146044	16183	48 γ	Aqr	335.4140642	-1.3873314	0.00862	0.0089	3.85
738	墳墓 3	140.00	98.00	8597	146181	16323	62 η	Aqr	338.8390858	-0.1174975	0.00590	-0.0561	4.04
739	墳墓 4	137.50	97.00	8539	127520	16223	52 π	Aqr	336.3192633	1.3774006	0.00123	0.0034	4.81
740	蓋屋 1	133.75	103.00	8504	145993	16140	44	Aqr	334.2770821	-5.3871642	-0.00028	0.0195	5.75
741	蓋屋 2	131.25	103.00	8401	145836	15967	30	Aqr	330.8185804	-6.5224058	0.00321	0.0087	5.55

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
742	虚梁 1	135.50	106.25	8530	146062	16200		Aqr	335.8839638	-7.1944211	-0.00042	0.0090	5.92
743	虚梁 2	137.25	106.00	8581	146135	16286		Aqr	337.8263008	-6.5551514	0.01078	-0.1086	6.16
744	虚梁 3	139.50	105.25	8610	146210	16355	63 κ	Aqr	339.4390875	-4.2280558	-0.00457	-0.1205	5.03
745	虚梁 4	140.50	103.00	8629	146239	16391		Aqr	340.1998079	-3.5542392	-0.00075	-0.0432	6.32
746	天钱 1	137.25	123.00	8542	191144	16231		Aqr	336.5445988	-23.6824472	0.00089	-0.0019	6.30
747	天钱 2	135.50	124.00	8529	191105	16199	49	Aqr	335.8785354	-24.7626611	0.00717	-0.0025	5.53
748	天钱 3	134.50	125.75	0	191053	16161		PsA	334.8327054	-28.2085814	-0.00058	-0.0017	6.83
749	天钱 4	134.50	128.25	8576	213883	16289	17 β	PsA	337.8763779	-32.3460733	0.00471	-0.0187	4.29
750	天钱 5	135.50	130.50	8601	213948	16342		PsA	339.1476713	-31.6637889	-0.00323	-0.0394	5.82
751	天钱 6	137.50	130.50	8623	214000	16387		PsA	340.0929442	-30.6588708	-0.00834	-0.2095	5.88
752	天钱 7	138.75	129.00	8637	191337	16405	19	PsA	340.5920296	-29.3610458	0.00124	-0.0192	6.17
753	天钱 8	139.25	126.50	8628	191318	16390	18 ε	PsA	340.1639167	-27.0436169	0.00165	-0.0009	4.19
754	天钱 9	138.75	124.50	8596	191246	16326		Aqr	338.9015658	-23.9910942	0.00189	-0.0063	5.97
755	人 1	132.75	64.00	8343	90040	15820	14	Peg	327.4612279	30.1742150	0.00146	-0.0261	5.08
756	人 2	131.50	66.25	8309	89940	15758	78 μ 1	Cyg	326.0357404	28.7426322	0.01979	-0.2427	4.77
757	人 3	133.75	66.25	8354	90065	15850	15	Peg	328.1246546	28.7935383	-0.00446	-0.0633	5.53
758	人 4	131.25	70.00	8315	89949	15768	10 κ	Peg	326.1614179	25.6450294	0.00345	0.0135	4.15
759	人 5	133.75	70.00	8356	90075	15857	16	Peg	328.2657021	25.9251397	0.00068	0.0003	5.09
760	内杵 1	140.75	60.00	8485	72155	16108		Lac	333.4697083	39.7149269	0.00326	0.0156	4.50
761	内杵 2	138.75	62.25	8498	72191	16126	1	Lac	333.9924025	37.7487367	0.00074	0.0008	4.12
762	内杵 3	137.00	65.25	8454	72077	16050	29 π 2	Peg	332.4968500	33.1782239	-0.00098	-0.0179	4.29
763	白 1	137.00	69.50	8419	90217	15995	23	Peg	331.3944779	28.9639808	0.00229	-0.0095	5.69
764	白 2	136.25	72.00	8430	90238	16010	24 ι	Peg	331.7527754	25.3451117	0.02189	0.0269	3.77
765	白 3	139.25	73.00	8466	90317	16086		Peg	333.0337254	24.9506411	0.00075	0.0017	5.94
766	白 4	140.50	70.50	8522	90440	16178	32	Peg	335.3305796	28.3305294	0.00132	0.0056	4.81
767	車府 1	147.50	49.50	8572	52055	16264	5	Lac	337.3825925	47.7068867	-0.00006	-0.0034	4.35
768	車府 2	144.25	51.75	8523	51904	16176	2	Lac	335.2564446	46.5365694	0.00211	0.0019	4.56
769	車府 3	139.50	53.00	8424	51650	16002		Lac	331.5081342	45.0143483	-0.00088	-0.0154	5.09
770	車府 4	133.00	54.75	8306	51221	15747		Cyg	325.7769604	41.1549700	-0.00141	-0.0122	5.52
771	車府 5	130.00	54.25	8266	51101	15669	74	Cyg	324.2373996	40.4135208	-0.00013	0.0125	5.05
772	車府 6	128.75	56.75	8255	71480	15650	72	Cyg	323.6940188	38.5340536	0.00996	0.0933	4.87
773	車府 7	131.50	57.00	8307	71643	15749	79	Cyg	325.8568863	38.2835886	0.00294	-0.0049	5.70
774	造父 1	145.75	37.75	8571	34508	16261	27 δ	Cep	337.2927763	58.4151986	0.00210	0.0036	4.07
775	造父 2	144.50	36.50	8479	19932	16084		Cep	333.0083988	60.7590950	0.00016	0.0095	5.36
776	造父 3	143.50	37.25	8469	34149	16077	22 λ	Cep	332.8774000	59.4144875	-0.00095	-0.0111	5.09
777	造父 4	143.50	39.00	8465	34137	16069	21 ζ	Cep	332.7136529	58.2012608	0.00169	0.0045	3.34
778	造父 5	144.50	40.00	8494	34227	16120	23 ε	Cep	333.7591246	57.0435867	0.05839	0.0500	4.18
779	鈎 1	139.18	24.24	7850	18897	14824	2 θ	Cep	307.3953546	62.9941050	0.00661	-0.0133	4.21
780	鈎 2	137.86	26.32	7957	19019	15032	3 η	Cep	311.3223958	61.8387819	0.01216	0.8180	3.42
781	鈎 3	142.21	27.23	8162	19302	15450	5 α	Cep	319.6448813	62.5855725	0.02171	0.0483	2.47
782	鈎 4	145.67	27.01	8383	19753	15901		Cep	329.1630988	63.6255572	-0.00005	-0.0038	5.17
783	鈎 5	148.72	28.35	8417	19827	15975	17 ξ	Cep	330.9477242	64.6279714	0.03337	0.0893	4.40
784	鈎 6	152.59	27.80	8561	20075	16241	26	Cep	336.7721263	65.1322697	-0.00012	-0.0019	5.53
785	鈎 7	156.23	28.13	8694	20268	16493	32 ι	Cep	342.4200692	66.2004078	-0.01092	-0.1247	3.50
786	鈎 8	159.45	28.32	8779	20398	16637		Cep	345.8870129	67.2092097	0.00398	0.0102	5.23
787	鈎 9	162.18	27.70	8872	20554	16806	34 o	Cep	349.6562200	68.1114447	0.00981	0.0109	4.86
788	室宿 1	150.00	83.25	8781	108378	16650	54 α	Peg	346.1902242	15.2052644	0.00422	-0.0426	2.49
789	室宿 2	151.75	70.50	8775	90981	16641	53 β	Peg	345.9435729	28.0827892	0.01419	0.1376	2.47
790	離宮 1	157.00	74.25	8905	91253	16879	68 ν	Peg	351.3449342	23.4041011	0.01403	0.0365	4.43
791	離宮 2	155.50	74.50	8880	91186	16836	62 τ	Peg	350.1593442	23.7403369	0.00222	-0.0091	4.59
792	離宮 3	147.75	66.25	8650	90734	16413	44 η	Peg	340.7505725	30.2212453	0.00101	-0.0261	2.94
793	離宮 4	146.00	66.75	8641	90717	16401	43 o	Peg	340.4392017	29.3076406	-0.00016	-0.0200	4.80
794	離宮 5	146.50	73.25	8684	90816	16497	48 μ	Peg	342.5008033	24.6015792	0.01057	-0.0434	3.51
795	離宮 6	145.00	74.50	8667	90775	16456	47 λ	Peg	341.6328279	23.5656539	0.00415	-0.0105	3.96
796	騰蛇 1	154.25	36.00	8707	34921	16529		Cep	343.2657692	60.1010286	0.00171	0.0022	6.01
797	騰蛇 2	153.75	37.25	8677	34824	16464		Cep	341.8468279	58.4830311	0.00099	0.0076	6.32
798	騰蛇 3	154.25	38.50	8778	35103	16634		Cas	345.8391042	58.5638542	0.00618	-0.0089	6.44

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
799	騰蛇 4	155.50	37.25	8745	35026	16587		Cep	344.7875238	59.8146547	0.00078	-0.0015	6.46
800	騰蛇 5	157.00	39.00	8797	35147	16670	1	Cas	346.6534067	59.4197600	0.00089	-0.0020	4.85
801	騰蛇 6	157.00	40.50	8832	35236	16748		Cas	348.3207308	57.1683550	0.25509	0.2947	5.57
802	騰蛇 7	155.25	41.00	8752	35039	16594		Cas	345.0212529	56.9453739	-0.00036	-0.0031	5.10
803	騰蛇 8	154.00	41.00	8688	34858	16495		Lac	342.4429808	55.9027767	0.00992	0.0380	5.44
804	騰蛇 9	152.75	41.00	8621	34651	16360		Lac	339.6580129	56.7956317	0.00638	-0.0323	5.18
805	騰蛇 10	150.00	41.00	8607	34605	16331		Lac	338.9666408	56.0705742	0.00169	-0.0007	6.38
806	騰蛇 11	148.00	39.00	8594	34574	16311		Lac	338.4193746	56.6247369	0.00951	0.0411	5.73
807	騰蛇 12	146.00	41.50	8554	34460	16240		Lac	336.7465704	56.4335628	0.00195	0.0054	6.59
808	騰蛇 13	148.50	42.00	8589	34555	16297		Lac	338.0779888	54.0370325	0.00344	0.0145	6.41
809	騰蛇 14	148.50	44.00	8613	34628	16352	9	Lac	339.3434071	51.5451228	-0.00550	-0.1033	4.65
810	騰蛇 15	147.00	45.00	8585	34542	16285	7 α	Lac	337.8229208	50.2824914	0.01432	0.0172	3.78
811	騰蛇 16	148.75	46.00	8606	52171	16335		Lac	338.9724267	50.0707878	0.00064	0.0000	6.29
812	騰蛇 17	151.75	45.50	8692	34862	16498		Lac	342.5420592	50.6769172	0.00039	-0.0010	6.24
813	騰蛇 18	154.00	45.25	8726	52516	16567		Lac	344.1083279	49.7335439	0.00001	-0.0029	4.98
814	騰蛇 19	155.00	46.50	8780	52649	16646	3	And	346.0457633	50.0520906	0.01731	0.1673	4.65
815	騰蛇 20	156.00	47.55	8830	52787	16742	7	And	348.1375142	49.4062072	0.00920	0.0956	4.54
816	騰蛇 21	158.25	47.50	8860	52871	16794	8	And	349.4360292	49.0152997	0.00351	0.0067	4.83
817	騰蛇 22	157.00	51.00	8804	52711	16689	4	And	346.9136150	46.3872308	-0.00115	-0.0300	5.30
818	雷電 1	145.50	86.75	8697	127810	16518	49 σ	Peg	343.1003146	9.8356644	0.03531	0.0441	5.16
819	雷電 2	145.25	89.25	8717	127839	16553	50 ρ	Peg	343.8069696	8.8161658	0.00552	0.0290	4.91
820	雷電 3	146.75	88.25	8737	127870	16585		Peg	344.6461733	9.3568586	0.02681	-0.1477	6.44
821	雷電 4	149.25	88.00	8795	127976	16675	55	Peg	346.7510825	9.4094917	0.00046	-0.0128	4.54
822	雷電 5	151.00	88.75	8815	128001	16708	57	Peg	347.3810708	8.6771606	0.00025	-0.0045	5.03
823	雷電 6	151.00	86.50	8821	128007	16719	58	Peg	347.5060858	9.8220822	-0.00120	-0.0078	5.39
824	土公史 1	141.00	86.50	8634	108103	16397	42 ζ	Peg	340.3655033	10.8313644	0.00525	-0.0110	3.42
825	土公史 2	143.00	84.00	8665	108165	16457	46 ξ	Peg	341.6732525	12.1728878	0.01590	-0.4920	4.21
826	壘壁陣 1	134.50	112.75	8418	164861	16007	33 ι	Aqr	331.6092904	-13.8696792	0.00278	-0.0572	4.29
827	壘壁陣 2	136.75	112.25	8534	165044	16211	50	Aqr	336.1127517	-13.5293689	0.00348	0.0142	5.77
828	壘壁陣 3	135.25	109.50	8452	164910	16065	38 e	Aqr	332.6561763	-11.5649394	0.00202	0.0080	5.44
829	壘壁陣 4	137.50	108.75	8573	165134	16281	57 σ	Aqr	337.6617338	-10.6779500	0.00012	-0.0263	4.83
830	壘壁陣 5	143.75	107.75	8698	146362	16522	73 λ	Aqr	343.1536496	-7.5795992	0.00131	0.0327	3.75
831	壘壁陣 6	146.75	105.50	8759	146451	16613		Aqr	345.3821258	-4.7114614	0.00094	0.0076	5.94
832	壘壁陣 7	150.50	103.50	8840	146593	16765		Aqr	348.8927404	-3.4963803	-0.00083	-0.0033	5.56
833	壘壁陣 8	157.25	104.00	9012	146915	17090	20	Psc	356.9855958	-2.7615978	0.00644	0.0055	5.50
834	壘壁陣 9	163.00	102.75	9067	147008	17211	27	Psc	359.6682396	-3.5559833	-0.00378	-0.0723	4.88
835	壘壁陣 10	164.25	103.50	3	128572	66	33	Psc	1.3339204	-5.7076183	-0.00056	0.0882	4.62
836	壘壁陣 11	164.25	101.00	2	128569	59		Psc	1.2659283	-0.5030356	0.00299	-0.0535	6.31
837	壘壁陣 12	166.25	102.00	94	128743	265		Psc	6.1235379	-2.2190644	-0.00230	-0.0424	6.08
838	羽林 1	142.75	114.75	8679	165321	16491	71 τ 2	Aqr	342.3979263	-13.5926319	-0.00086	-0.0388	4.04
839	羽林 2	143.75	112.50	8704	165359	16533	74	Aqr	343.3696033	-11.6165142	0.00157	0.0019	5.79
840	羽林 3	145.25	114.75	8741	165425	16592		Aqr	344.8986388	-13.0708950	-0.00044	-0.0016	6.11
841	羽林 4	148.25	111.75	8836	165578	16761		Aqr	348.6673871	-10.6887150	-0.00045	-0.0360	6.12
842	羽林 5	150.25	111.75	8865	146635	16810	95 ψ 3	Aqr	349.7403192	-9.6107500	0.00294	-0.0078	5.01
843	羽林 6	149.25	110.25	8841	146598	16770	91 ψ 1	Aqr	348.9728946	-9.0877369	0.02488	-0.0170	4.24
844	羽林 7	149.00	108.00	8850	146612	16780	92 χ	Aqr	349.2122479	-7.7265036	-0.00126	-0.0154	5.00
845	羽林 8	148.00	107.00	8834	146585	16756	90 ϕ	Aqr	348.5806650	-6.0490028	0.00310	-0.1959	4.23
846	羽林 9	150.25	106.25	8868	146639	16816	96	Aqr	349.8499050	-5.1243519	0.01345	-0.0204	5.58
847	羽林 10	156.50	106.75	8951	146795	16987		Aqr	353.8836342	-7.4644311	0.00002	0.0165	6.40
848	羽林 11	157.00	110.00	9027	165911	17119		Aqr	357.5613796	-9.9741367	0.00947	0.0783	5.93
849	羽林 12	158.25	111.75	9009	165880	17082		Aqr	356.8163021	-11.9111264	-0.00329	-0.0936	5.73
850	羽林 13	161.00	110.75	9103	147066	49	3	Cet	1.1254938	-10.5095233	-0.00044	-0.0119	4.94
851	羽林 14	159.75	108.50	9040	146953	17149		Aqr	358.2105367	-8.9967558	0.00417	-0.0236	5.75
852	羽林 15	159.50	106.75	9014	146919	17095		Aqr	357.1353342	-6.3804261	0.00010	-0.0202	6.07
853	羽林 16	163.75	107.50	16	128604	93		Cet	2.0730521	-8.8241122	-0.00230	-0.0357	5.99
854	羽林 17	164.25	106.00	9089	147042	24	30	Psc	0.4900792	-6.0140722	0.00313	-0.0413	4.40
855	羽林 18	165.75	107.25	46	128655	163		Cet	3.6151175	-7.7805322	0.00411	0.0024	5.15

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
856	羽林 19	163.75	110.25	51	128660	171		Cet	3.7271446	-9.5695711	0.00153	-0.0085	5.77
857	羽林 20	164.25	109.00	72	128690	217		Cet	4.6744487	-8.0530014	0.02812	-0.1442	6.47
858	羽林 21	165.50	110.00	74	128694	220	8 ι	Cet	4.8569775	-8.8239214	-0.00097	-0.0378	3.55
859	羽林 22	165.50	112.00	88	147237	255	9	Cet	5.7157846	-12.2094381	0.02689	0.0605	6.38
860	羽林 23	164.50	113.00	0	147208	207		Cet	4.4952954	-13.4556403	0.02721	-0.0006	6.51
861	羽林 24	163.50	112.00	31	147127	125		Cet	2.6784779	-12.5798967	0.01020	-0.0382	5.87
862	羽林 25	160.00	115.00	9065	165972	17207	1	Cet	359.5884354	-15.8474842	0.00574	-0.0081	6.28
863	羽林 26	159.00	113.50	9037	165933	17144		Aqr	358.1249604	-14.2512172	-0.00660	-0.0042	5.84
864	羽林 27	156.75	114.25	8988	165842	17048	105 ω 2	Aqr	355.6806004	-14.5449047	0.00677	-0.0668	4.49
865	羽林 28	150.25	116.25	8890	165658	16850	97	Aqr	350.6632121	-15.0393322	0.00826	0.0175	5.21
866	羽林 29	149.00	114.50	8866	165625	16813	94	Aqr	349.7777850	-13.4585517	0.01821	-0.0449	5.20
867	羽林 30	148.25	116.25	8816	165522	16713		Aqr	347.4564583	-14.5105517	0.00208	-0.0063	6.42
868	羽林 31	145.25	118.50	8709	165375	16546	76 δ	Aqr	343.6625521	-15.8208203	-0.00305	-0.0248	3.27
869	羽林 32	143.00	118.50	8649	165252	16422	66 g1	Aqr	340.8968050	-18.8303753	-0.00221	-0.0280	4.68
870	羽林 33	144.00	120.50	8670	165293	16468	68 g2	Aqr	341.8880175	-19.6133750	-0.00723	-0.2060	5.25
871	羽林 34	144.75	123.00	8812	191683	16707	88 c2	Aqr	347.3616546	-21.1724097	0.00400	0.0313	3.68
872	羽林 35	145.50	125.75	8817	191687	16715	89 c3	Aqr	347.4787679	-22.4576164	0.00259	-0.0078	4.72
873	羽林 36	143.50	126.75	8789	191651	16671	86 c1	Aqr	346.6701800	-23.7431106	0.00436	0.0005	4.48
874	羽林 37	149.50	122.50	8892	191858	16855	98 b1	Aqr	350.7426117	-20.1005800	-0.00854	-0.0967	3.96
875	羽林 38	150.50	124.25	8906	191900	16884	99 b2	Aqr	351.5116088	-20.6420142	-0.00357	-0.0630	4.37
876	羽林 39	152.50	125.75	8939	191988	16956	101 b3	Aqr	353.3192646	-20.9145042	-0.00018	0.0086	4.71
877	羽林 40	157.00	117.50	8982	165836	17039	104 A2	Aqr	355.4408583	-17.8165331	0.00098	0.0001	4.82
878	羽林 41	158.00	119.50	8998	165854	17061	106 i1	Aqr	356.0503296	-18.2769378	0.00194	-0.0038	5.24
879	羽林 42	160.75	120.75	9031	165918	17131	108 i3	Aqr	357.8389092	-18.9091633	0.00187	-0.0036	5.19
880	羽林 43	163.50	114.25	9098	147059	42	2	Cet	0.9349575	-17.3359878	0.00199	-0.0073	4.55
881	羽林 44	164.50	115.75	48	147169	168	7	Cet	3.6600667	-18.9328656	-0.00191	-0.0738	4.46
882	羽林 45	166.00	114.25	33	147133	129	6 f	Cet	2.8160717	-15.4679775	-0.00582	-0.2693	4.90
883	天網	139.00	137.25	8720	214189	16562	23 δ	PsA	343.9870813	-32.5396283	0.00086	0.0303	4.22
884	北落師門	143.00	135.00	8728	191524	16577	24 α	PsA	344.4126938	-29.6222361	0.02525	-0.1642	1.23
885	鉄金質 1	148.50	135.25	8937	214615	16955	β	Scl	353.2427471	-37.8182675	0.00814	0.0376	4.38
886	鉄金質 2	145.75	132.50	8914	214561	16907		Scl	352.0028754	-35.5444847	0.00040	0.0013	6.33
887	鉄金質 3	143.50	130.50	8863	214444	16808	γ	Scl	349.7060017	-32.5320267	0.00155	-0.0786	4.41
888	八魁 1	164.50	145.25	100	215092	282	κ	Phe	6.5508408	-43.6798294	0.00978	0.0328	3.95
889	八魁 2	171.00	145.25	180	215194	438	μ	Phe	10.3314654	-46.0850069	-0.00278	0.0010	4.60
890	八魁 3	169.00	139.75	195	192703	466	λ 2	Scl	11.0504138	-38.4216856	0.02102	0.1207	5.90
891	八魁 4	168.75	135.00	105	192545	298	η	Scl	6.9820767	-33.0071669	-0.00163	-0.0504	4.87
892	八魁 5	163.75	135.75	35	192388	132	θ	Scl	2.9333692	-35.1331197	0.01378	0.1138	5.24
893	八魁 6	157.25	135.25	8975	214701	17030	μ	Scl	355.1589550	-32.0731247	-0.00719	-0.0535	5.31
894	八魁 7	156.50	140.25	9046	231842	17165		Phe	358.6609229	-40.3000625	0.03212	0.0305	6.02
895	八魁 8	158.00	145.25	25	214983	111	ε	Phe	2.3526750	-45.7474261	0.01167	-0.1801	3.88
896	八魁 9	163.75	140.25	99	215093	284	α	Phe	6.5710458	-42.3059814	0.02098	-0.3536	2.40
897	壁宿 1	165.75	82.75	39	91781	147	88 γ	Peg	3.3089700	15.1835958	0.00033	-0.0082	2.83
898	壁宿 2	166.00	68.75	15	73765	94	21 α	And	2.0969108	29.0904319	0.01035	-0.1630	2.06
899	天廡 1	173.50	43.25	153	21566	395	17 ζ	Cas	9.2428525	53.8969094	0.00201	-0.0092	3.68
900	天廡 2	174.75	45.75	96	21381	271		Cas	6.2767113	53.0467858	0.00286	0.0003	5.73
901	天廡 3	175.25	48.25	65	21273	203		Cas	4.4294237	51.4330903	-0.00045	-0.0016	6.11
902	天廡 4	175.00	50.25	36	36148	135		And	2.9961879	48.1523964	0.00605	0.0104	6.17
903	天廡 5	173.75	52.75	27	36123	119	22	And	2.5801908	46.0722717	0.00043	0.0002	5.03
904	天廡 6	171.25	52.75	104	36390	302		And	7.0568908	44.3944519	0.00785	-0.0153	5.19
905	天廡 7	170.00	50.75	152	36509	390		And	9.1935042	44.4885869	-0.00343	0.0318	5.15
906	天廡 8	170.00	48.75	184	36602	460	20 π	Cas	10.8669571	47.0245464	-0.00240	-0.0372	4.96
907	天廡 9	170.50	46.75	193	36620	472	22 o	Cas	11.1813238	48.2843642	0.00178	-0.0076	4.48
908	天廡 10	171.75	44.50	179	21637	446	19 ξ	Cas	10.5162313	50.5125258	0.00129	-0.0065	4.81
909	土公 1	164.25	86.50	26	91750	115	34	Psc	2.5091762	11.1458131	0.00202	0.0016	5.54
910	土公 2	166.50	86.50	69	91832	210		Psc	4.5718575	11.2062139	-0.00223	-0.0286	6.06
911	霹靂 1	150.00	93.25	8773	127934	16642	4 β	Psc	345.9692250	3.8200453	0.00086	-0.0101	4.50
912	霹靂 2	152.75	92.50	8878	128126	16832	7 b	Psc	350.0857629	5.3813072	0.00526	-0.0594	5.07

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
913	霹靂 3	156.50	90.00	8916	128196	16906	10 θ	Psc	351.9920629	6.3789922	-0.00831	-0.0433	4.28
914	霹靂 4	160.00	90.00	8969	128310	17025	17 ι	Psc	354.9876704	5.6262917	0.02521	-0.4370	4.14
915	霹靂 5	163.50	90.00	9072	128513	17218	28 ω	Psc	359.8278733	6.8633211	0.00997	-0.1122	4.03
916	雲雨 1	153.50	95.00	8852	128085	16785	6 γ	Psc	349.2914079	3.2822889	0.05077	0.0180	3.70
917	雲雨 2	156.50	97.00	8911	128186	16892	8 κ	Psc	351.7331471	1.2556081	0.00571	-0.0944	4.93
918	雲雨 3	161.00	97.25	8984	128336	17042	18 λ	Psc	355.5116925	1.7800408	-0.00864	-0.1549	4.50
919	雲雨 4	162.00	93.75	9004	128374	17077	19	Psc	356.5979854	3.4868108	-0.00234	-0.0250	5.02
920	鉄鉞 1	173.50	138.75	288	192870	623	ξ	Scl	15.3261488	-38.9165272	0.00574	0.0499	5.59
921	鉄鉞 2	173.50	134.75	280	166716	607	α	Scl	14.6515038	-29.3574492	0.00172	0.0063	4.31
922	鉄鉞 3	179.00	132.25	436	167093	926		Scl	22.5954379	-26.2078511	0.00325	0.0014	5.93
923	鉄鉞 4	182.75	136.75	497	193263	1050	π	Scl	25.5358083	-32.3269703	-0.00590	-0.0464	5.26
924	鉄鉞 5	185.25	130.75	514	167275	1089	ε	Scl	26.4114879	-25.0526100	0.01174	-0.0724	5.33
925	奎宿 1	173.50	68.00	163	74164	408	30 ε	And	9.6389408	29.3117514	-0.01754	-0.2541	4.35
926	奎宿 2	173.50	71.25	215	74267	498	34 ζ	And	11.8346892	24.2671781	-0.00740	-0.0819	4.09
927	奎宿 3	175.00	73.00	271	74388	590	38 η	And	14.3016667	23.4176481	-0.00318	-0.0461	4.40
928	奎宿 4	177.50	73.50	310	74482	671	74 ψ 1	Psc	16.4206471	21.4731814	0.00317	-0.0143	5.32
929	奎宿 5	179.00	72.00	360	74571	754	85 ϕ	Psc	18.4372800	24.5837131	0.00136	-0.0213	4.67
930	奎宿 6	181.00	68.25	383	74637	798	90 υ	Psc	19.8666462	27.2640586	0.00197	-0.0116	4.75
931	奎宿 7	181.25	65.75	389	74647	815	91 ι	Psc	20.2807204	28.7382069	0.00217	-0.0752	5.22
932	奎宿 8	179.75	63.50	349	54493	730	82 g	Psc	17.7781971	31.4247364	-0.00068	-0.0120	5.16
933	奎宿 9	180.50	60.50	337	54471	715	43 β	And	17.4330150	35.6205578	0.01440	-0.1122	2.08
934	奎宿 10	179.50	58.00	269	54281	585	37 μ	And	14.1883817	38.4993447	0.01301	0.0368	3.87
935	奎宿 11	178.00	56.50	226	36699	525	35 ν	And	12.4535304	41.0789108	0.00201	-0.0181	4.54
936	奎宿 12	176.00	56.00	10003	0	17231	M31		10.6750000	41.2666667	0.00000	0.0000	3.50
937	奎宿 13	175.50	58.50	175	54079	435	32	And	10.2799354	39.4586642	-0.00124	-0.0030	5.31
938	奎宿 14	174.50	60.75	157	54038	400		And	9.3384142	35.3995014	-0.00075	-0.0036	5.43
939	奎宿 15	174.50	63.00	154	54033	394	29 π	And	9.2202071	33.7193436	0.00122	-0.0036	4.35
940	奎宿 16	174.50	65.50	165	54058	417	31 δ	And	9.8319825	30.8610239	0.00896	-0.0831	3.27
941	王良 1	171.50	37.00	21	21133	106	11 β	Cas	2.2945212	59.1497797	0.06804	-0.1804	2.28
942	王良 2	178.00	36.00	264	11482	584	27 γ	Cas	14.1772154	60.7167403	0.00350	-0.0038	2.18
943	王良 3	177.00	37.50	265	21855	583	28 υ 2	Cas	14.1662712	59.1810556	-0.01205	-0.0453	4.63
944	王良 4	176.00	39.50	219	21732	520	24 η	Cas	12.2762133	57.8151872	0.13606	-0.5597	3.45
945	王良 5	175.00	42.00	168	21609	429	18 α	Cas	10.1268354	56.5373311	0.00609	-0.0322	2.25
946	策	173.00	35.75	130	11256	357	15 κ	Cas	8.2499654	62.9317828	0.00059	-0.0021	4.19
947	附路	185.50	36.00	403	22268	867	37 δ	Cas	21.4539679	60.2352831	0.03992	-0.0495	2.68
948	軍南門	189.00	66.00	544	74996	1144	2 α	Tri	28.2704496	29.5788292	0.00092	-0.2337	3.42
949	閣道 1	189.91	31.38	567	12076	1226		Cas	29.9084925	64.6216019	0.00556	-0.0152	5.29
950	閣道 2	189.84	33.25	542	12031	1162	45 ε	Cas	28.5988563	63.6701014	0.00481	-0.0187	3.35
951	閣道 3	186.25	39.00	442	22397	955	39 χ	Cas	23.4828204	59.2320403	-0.00561	-0.0232	4.69
952	閣道 4	185.50	41.00	439	22389	948		Cas	23.3571333	58.3273339	0.00048	-0.0047	5.72
953	閣道 5	181.50	44.50	343	22070	729	33 θ	Cas	17.7756750	55.1499006	0.02644	-0.0193	4.34
954	閣道 6	179.25	48.00	335	36972	712	42 ϕ	And	17.3755229	47.2417925	0.00037	-0.0130	4.26
955	外屏 1	173.00	92.25	224	109474	512	63 δ	Psc	12.1706013	7.5850792	0.00559	-0.0505	4.42
956	外屏 2	176.50	91.00	294	109627	645	71 ε	Psc	15.7358683	7.8901356	-0.00542	0.0259	4.28
957	外屏 3	180.50	90.50	361	109739	753	86 ζ	Psc	18.4328571	7.5753539	0.00953	-0.0556	5.20
958	外屏 4	184.25	91.50	434	109926	923	98 μ	Psc	22.5463129	6.1438206	0.01966	-0.0464	4.84
959	外屏 5	187.50	92.50	489	110065	1040	106 ν	Psc	25.3578925	5.4876133	-0.00152	0.0036	4.44
960	外屏 6	190.50	94.00	549	110206	1153	111 ξ	Psc	28.3889600	3.1875367	0.00158	0.0239	4.62
961	外屏 7	192.25	95.50	596	110291	1253	113 α	Psc	30.5117504	2.7637594	0.00222	-0.0004	3.82
962	天溷 1	181.25	93.50	378	109793	790	89 f	Psc	19.4498158	3.6144661	-0.00323	-0.0224	5.15
963	天溷 2	183.25	94.50	392	109834	834		Cet	20.6539708	1.7263325	0.00437	-0.0448	6.20
964	天溷 3	183.50	97.00	393	129262	833	43	Cet	20.6451250	-0.4496731	0.00157	-0.0120	6.49
965	天溷 4	182.50	98.75	373	129204	778	39	Cet	19.1512000	-2.5003683	-0.00671	-0.0640	5.43
966	天溷 5	180.50	98.75	353	129169	738	34	Cet	17.9312867	-2.2510789	-0.00386	-0.0222	5.93
967	天溷 6	179.25	97.00	301	109643	654	26	Cet	15.9542838	1.3668464	0.00816	-0.0407	6.08
968	天溷 7	180.25	95.00	347	109715	725	33	Cet	17.6398013	2.4456697	-0.00058	-0.0159	5.95
969	土司空	171.25	118.50	188	147420	461	16 β	Cet	10.8973796	-17.9866047	0.01632	0.0327	2.05

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
970	婁宿 1	189.00	79.00	546	92681	1151	5 γ 2	Ari	28.3825596	19.2938517	0.00561	-0.0991	3.88
971	婁宿 2	190.50	76.00	553	75012	1164	6 β	Ari	28.6600383	20.8080350	0.00687	-0.1088	2.66
972	婁宿 3	194.00	74.75	617	75151	1310	13 α	Ari	31.7933629	23.4624231	0.01386	-0.1458	2.02
973	天將軍 1	190.75	56.75	603	37734	1280	57 γ 1	And	30.9748046	42.3297247	0.00389	-0.0509	2.17
974	天將軍 2	192.25	58.00	620	55289	1318	58	And	32.1219158	37.8590772	0.01302	-0.0436	4.79
975	天將軍 3	192.00	60.50	622	55306	1332	4 β	Tri	32.3859454	34.9872969	0.01211	-0.0391	3.02
976	天將軍 4	194.00	61.00	664	55427	1411	9 γ	Tri	34.3286138	33.8471936	0.00361	-0.0524	4.01
977	天將軍 5	196.00	61.00	738	55650	1555		Tri	38.2192471	34.5424097	-0.00443	-0.0192	5.84
978	天將軍 6	197.75	60.50	750	55687	1585	15	Tri	38.9450471	34.6875583	0.00159	-0.0512	5.39
979	天將軍 7	196.75	58.50	736	55635	1547	14	Tri	38.0257104	36.1472714	0.00395	0.0164	5.15
980	天將軍 8	199.75	60.00	843	55946	1753	17 r	Per	42.8784896	35.0597411	0.00076	-0.0630	4.55
981	天將軍 9	200.50	58.50	882	56052	1844	24 s	Per	44.7653192	35.1831283	-0.00379	0.0058	4.94
982	天將軍 10	201.00	56.75	921	56138	1899	25 ρ	Per	46.2941392	38.8402739	0.01102	-0.1066	3.41
983	天將軍 11	201.75	55.00	936	38592	1924	26 β	Per	47.0422150	40.9556478	0.00021	-0.0014	2.11
984	右更 1	187.75	85.50	463	92536	993	102 π	Psc	24.2746529	12.1415347	-0.00511	0.0100	5.55
985	右更 2	187.75	83.25	455	92530	978	101	Psc	23.9435117	14.6614225	0.00027	-0.0076	6.22
986	右更 3	189.00	82.25	475	92558	1025	105	Psc	24.9200750	16.4058578	0.00573	-0.0116	5.99
987	右更 4	188.00	81.25	457	92531	982		Psc	23.9781517	17.4338411	0.01042	0.0212	5.95
988	右更 5	186.50	82.25	437	92484	932	99 η	Psc	22.8708725	15.3458231	0.00178	-0.0033	3.63
989	左更 1	197.50	80.00	729	92979	1533	26	Ari	37.6600754	19.8553006	0.00574	-0.0361	6.14
990	左更 2	199.00	76.50	773	75495	1626	32 v	Ari	39.7041438	21.9614083	-0.00051	-0.0151	5.45
991	左更 3	200.00	74.50	765	75471	1604	30	Ari	39.2521821	24.6472222	0.01006	-0.0142	6.48
992	左更 4	197.75	74.50	728	75407	1531		Ari	37.6348079	25.2350364	0.00455	-0.0729	5.89
993	左更 5	197.00	76.50	723	75398	1521		Ari	37.3070071	23.4690264	0.00621	-0.0211	6.19
994	天倉 1	176.00	108.50	334	147632	708	31 η	Cet	17.1474650	-10.1822642	0.01462	-0.1383	3.46
995	天倉 2	183.50	108.50	402	129274	849	45 θ	Cet	21.0058542	-8.1832567	-0.00528	-0.2069	3.61
996	天倉 3	187.50	104.50	500	129465	1060		Cet	25.6812921	-3.6902006	-0.00078	-0.0344	4.99
997	天倉 4	191.50	107.00	539	148059	1131	55 ζ	Cet	27.8651400	-10.3350378	0.00263	-0.0380	3.73
998	天倉 5	191.50	112.50	509	147986	1075	52 τ	Cet	26.0170121	-15.9374800	-0.11939	0.8542	3.49
999	天倉 6	195.00	117.00	585	167471	1231	59 ν	Cet	30.0012833	-21.0778317	0.00950	-0.0245	4.00
1000	天庚 1	196.75	128.50	612	167532	1284	v	For	31.1226604	-29.2968189	0.00096	0.0085	4.70
1001	天庚 2	195.75	130.50	594	193455	1244	π	For	30.3113463	-30.0018303	-0.00837	-0.1088	5.36
1002	天庚 3	198.00	130.50	652	193573	1367	μ	For	33.2269604	-30.7238253	0.00119	0.0072	5.27
1003	胃宿 1	203.50	69.00	824	75578	1712	39	Ari	41.9772529	29.2471181	0.01134	-0.1258	4.52
1004	胃宿 2	202.50	71.00	801	75532	1677	35	Ari	40.8629700	27.7071467	0.00026	-0.0100	4.65
1005	胃宿 3	204.50	71.00	838	75596	1736	41 c	Ari	42.4959679	27.2605069	0.00491	-0.1166	3.62
1006	大陵 1	202.50	53.00	941	38609	1936	27 κ	Per	47.3740479	44.8575436	0.01627	-0.1421	3.79
1007	大陵 2	203.50	54.00	966	38674	1992		Per	48.7357817	42.5036369	0.00477	0.0072	6.07
1008	大陵 3	205.00	52.50	1002	38750	2064	32 l	Per	50.3606613	43.3296508	-0.00554	-0.0004	4.95
1009	大陵 4	206.00	50.00	1069	38924	2178	36	Per	53.1094158	46.0568617	-0.00507	-0.0747	5.31
1010	大陵 5	205.00	47.50	937	38597	1932	l	Per	47.2667483	49.6132775	0.12987	-0.0916	4.05
1011	大陵 6	203.00	43.50	854	23685	1787	18 τ	Per	43.5644192	52.7624789	-0.00022	-0.0045	3.94
1012	大陵 7	201.50	39.75	834	23655	1744	15 η	Per	42.6742087	55.8954961	0.00198	-0.0138	3.76
1013	積戸	203.75	51.25	982	38704	2027	30	Per	49.4473058	44.0250242	0.00247	-0.0237	5.49
1014	天船 1	221.25	43.50	1324	24531	2699	b1	Per	64.5609083	50.2955022	0.00486	-0.0564	4.60
1015	天船 2	222.00	45.50	1303	39404	2663	51 μ	Per	63.7244258	48.4093308	0.00051	-0.0174	4.15
1016	天船 3	221.00	47.50	1273	39336	2585	48 c	Per	62.1653783	47.7125128	0.00200	-0.0333	4.01
1017	天船 4	217.50	47.50	1122	39053	2289	39 δ	Per	55.7312617	47.7875514	0.00236	-0.0419	3.02
1018	天船 5	214.00	47.00	1087	38980	2218	37 ψ	Per	54.1224121	48.1926336	0.00214	-0.0276	4.32
1019	天船 6	212.25	45.50	1017	38787	2089	33 α	Per	51.0807100	49.8611797	0.00249	-0.0260	1.81
1020	天船 7	211.00	44.00	969	23914	2011		Per	49.0508475	50.9376639	-0.00014	-0.0192	5.05
1021	天船 8	208.00	41.50	915	23789	1897	23 γ	Per	46.1991279	53.5064400	0.00006	-0.0042	2.94
1022	天船 9	206.00	39.00	918	23791	1903	k	Per	46.3850475	56.7057192	-0.00164	0.0703	4.77
1023	積水	220.25	45.00	1261	24412	2558	47 λ	Per	61.6460142	50.3512619	-0.00136	-0.0364	4.28
1024	天粟 1	206.00	88.75	1030	111172	2097	1 o	Tau	51.2033075	9.0288697	-0.00501	-0.0803	3.61
1025	天粟 2	207.50	88.75	1038	111195	2113	2 ξ	Tau	51.7923025	9.7326797	0.00363	-0.0381	3.73
1026	天粟 3	208.75	87.00	1061	93463	2150	4 s	Tau	52.6019538	11.3364422	-0.00080	-0.0161	5.13

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
1027	天棗 4	210.00	85.50	1066	93469	2162	5 f	Tau	52.7182429	12.9366781	0.00130	-0.0016	4.13
1028	天菌 1	207.00	84.75	938	93284	1916	53	Ari	46.8569692	17.8799950	-0.00165	0.0093	6.14
1029	天菌 2	205.50	84.50	869	93195	1813	46 ρ 3	Ari	44.1089787	18.0231189	0.01972	-0.2188	5.59
1030	天菌 3	202.50	86.00	836	93127	1730	42 π	Ari	42.3231663	17.4643089	0.00026	-0.0146	5.32
1031	天菌 4	201.00	88.50	741	92998	1556	29	Ari	38.2255854	15.0345542	-0.00107	0.0369	6.00
1032	天菌 5	202.50	90.75	763	93022	1598	31	Ari	39.1579821	12.4476386	0.01908	-0.0854	5.65
1033	天菌 6	204.00	92.75	813	110723	1694	87 μ	Cet	41.2355929	10.1141458	0.01931	-0.0304	4.27
1034	天菌 7	206.00	93.00	896	110889	1855	91 λ	Cet	44.9287575	8.9073647	0.00062	-0.0149	4.71
1035	天菌 8	207.00	94.50	908	110915	1871		Cet	45.4679304	5.3361514	0.00290	0.0197	6.25
1036	天菌 9	207.00	97.00	911	110920	1877	92 α	Cet	45.5698842	4.0897339	-0.00079	-0.0788	2.55
1037	天菌 10	206.50	99.25	0	110843	1803		Cet	43.8815138	2.0182742	0.00071	-0.0106	6.60
1038	天菌 11	204.50	99.50	804	110707	1673	86 γ	Cet	40.8251625	3.2358186	-0.00978	-0.1453	3.47
1039	天菌 12	202.50	99.25	754	110635	1587	78 ν	Cet	38.9686338	5.5932464	-0.00194	-0.0228	4.88
1040	昴宿 1	220.50	70.25	1180	76229	2374	28 (h)	Tau	57.2967333	24.1367119	0.00137	-0.0467	5.06
1041	昴宿 2	219.00	70.25	1165	76199	2349	25 η	Tau	56.8711521	24.1051372	0.00141	-0.0431	2.87
1042	昴宿 3	217.50	70.25	1149	76155	2322	20 (c)	Tau	56.4566942	24.3677486	0.00154	-0.0450	3.88
1043	昴宿 4	216.50	70.25	1145	76140	2314	19 q(e)	Tau	56.3020604	24.4672775	0.00142	-0.0416	4.30
1044	昴宿 5	216.50	72.00	1142	76131	2308	17 (b)	Tau	56.2189054	24.1133392	0.00157	-0.0449	3.71
1045	昴宿 6	217.75	72.00	1156	76172	2333	23 (d)	Tau	56.5815575	23.9483583	0.00154	-0.0427	4.17
1046	昴宿 7	219.25	72.00	1178	76228	2373	27 (f)	Tau	57.2905942	24.0534156	0.00130	-0.0447	3.63
1047	天河	210.50	70.50	999	75871	2052		Ari	50.0848367	29.0484583	-0.00063	-0.0164	4.46
1048	月	222.00	75.00	1256	76430	2543	37 A1	Tau	61.1738150	22.0819256	0.00660	-0.0585	4.35
1049	卷舌 1	213.00	64.00	1123	56646	2282	40 o	Per	55.5943608	33.9650264	0.00035	-0.0052	4.98
1050	卷舌 2	215.50	65.00	1131	56673	2298	38 o	Per	56.0797167	32.2882481	0.00064	-0.0103	3.86
1051	卷舌 3	218.00	63.75	1203	56799	2435	44 ζ	Per	58.5330063	31.8836356	0.00035	-0.0092	2.88
1052	卷舌 4	218.00	60.75	1228	56856	2489	46 ξ	Per	59.7412546	35.7910325	0.00016	0.0023	4.05
1053	卷舌 5	217.25	56.25	1220	56840	2477	45 ϵ	Per	59.4634613	40.0102147	0.00110	-0.0241	2.91
1054	卷舌 6	213.00	52.50	1135	39078	2313	41 ν	Per	56.2984662	42.5785486	-0.00132	0.0018	3.78
1055	天讒	216.25	63.00	1177	56727	2384	42 n	Per	57.3862075	33.0913822	-0.00144	0.0003	5.15
1056	礪石 1	226.00	59.75	1551	57475	3082	2	Aur	73.1582513	36.7031869	-0.00216	-0.0039	4.78
1057	礪石 2	227.50	58.00	1592	57548	3152	4 ω	Aur	74.8142067	37.8902447	0.00391	-0.0978	4.99
1058	礪石 3	227.25	55.50	1599	57559	3162	5	Aur	75.0764125	39.3947008	-0.00094	-0.0012	5.98
1059	礪石 4	227.25	53.25	1612	39966	3189	8 ζ	Aur	75.6195288	41.0758375	0.00079	-0.0214	3.76
1060	礪石 5	227.25	51.50	1605	39955	3181	7 ϵ	Aur	75.4922258	43.8233083	0.00002	-0.0023	3.03
1061	天陰 1	211.00	79.00	972	75810	1991	58 ζ	Ari	48.7254004	21.0444411	-0.00213	-0.0772	4.88
1062	天陰 2	212.00	81.25	951	93328	1956	57 δ	Ari	47.9073562	19.7266775	0.01095	-0.0084	4.35
1063	天陰 3	214.25	79.00	1015	75899	2072	63 τ 2	Ari	50.6885063	20.7420689	-0.00351	-0.0149	5.08
1064	天陰 4	214.50	77.00	1048	75945	2127	66	Ari	52.1106967	22.8040064	0.00000	-0.1114	6.04
1065	天陰 5	212.50	76.50	1022	75912	2088	64	Ari	51.0769788	24.7240628	0.00115	-0.0514	5.50
1066	蒿藟 1	199.00	115.00	710	148386	1493		Cet	36.5014550	-15.3412467	-0.00306	-0.0541	5.86
1067	蒿藟 2	199.00	111.25	708	148385	1492	72 ρ	Cet	36.4875221	-12.2904797	-0.00080	-0.0114	4.88
1068	蒿藟 3	199.00	107.50	666	129798	1408	67	Cet	34.2460175	-6.4221161	0.00625	-0.1069	5.50
1069	蒿藟 4	201.50	107.50	759	130004	1590	80	Cet	39.0002013	-7.8315972	-0.00226	-0.0593	5.53
1070	蒿藟 5	201.50	111.25	781	148528	1635	83 ϵ	Cet	39.8909804	-11.8721631	0.01172	-0.2363	4.83
1071	蒿藟 6	201.50	115.00	740	148445	1546	76 σ	Cet	38.0217846	-15.2446769	-0.00559	-0.1468	4.74
1072	天苑 1	222.75	109.50	1231	149283	2478	34 γ	Eri	59.5073600	-13.5085153	0.00415	-0.1113	2.96
1073	天苑 2	221.25	108.50	1162	149158	2329	26 π	Eri	56.5355650	-12.1015894	0.00379	0.0600	4.43
1074	天苑 3	219.50	107.25	1136	130686	2291	23 δ	Eri	55.8120908	-9.7633947	-0.00620	0.7422	3.53
1075	天苑 4	216.50	106.50	1084	130564	2185	18 ϵ	Eri	53.2326842	-9.4582622	-0.06599	0.0180	3.73
1076	天苑 5	210.75	106.75	984	130387	2005	13 ζ	Eri	48.9584354	-8.8197300	-0.00026	0.0455	4.81
1077	天苑 6	207.50	107.00	874	130197	1812	3 η	Eri	44.1068737	-8.8981444	0.00525	-0.2200	3.90
1078	天苑 7	204.50	110.50	811	148575	1685	89 π	Cet	41.0306246	-13.8586964	-0.00052	-0.0084	4.25
1079	天苑 8	204.50	114.50	818	148584	1696	1 τ 1	Eri	41.2757712	-18.5725625	0.02327	0.0363	4.47
1080	天苑 9	205.00	117.00	850	168094	1749	2 τ 2	Eri	42.7596729	-21.0040194	-0.00279	-0.0166	4.77
1081	天苑 10	207.50	119.00	919	168249	1879	11 τ 3	Eri	45.5979175	-23.6244717	-0.01062	-0.0558	4.09
1082	天苑 11	211.25	118.50	1003	168460	2042	16 τ 4	Eri	49.8791746	-21.7578639	0.00369	0.0322	3.74
1083	天苑 12	215.00	119.00	1088	168634	2194	19 τ 5	Eri	53.4469838	-21.6328828	0.00322	-0.0275	4.27

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
1084	天苑 13	218.75	119.00	1173	168827	2337	27 τ 6	Eri	56.7120313	-23.2497228	-0.01160	-0.5285	4.22
1085	天苑 14	218.25	120.00	1181	168836	2352	28 τ 7	Eri	56.9152125	-23.8746767	0.00350	0.0490	5.24
1086	天苑 15	220.50	121.00	1213	168925	2432	33 τ 8	Eri	58.4279283	-24.6122300	0.00227	-0.0072	4.64
1087	天苑 16	221.25	119.50	1240	169017	2496	36 τ 9	Eri	59.9811808	-24.0162153	0.00083	0.0171	4.63
1088	畢宿 1	220.50	84.50	1239	93719	2502	35 λ	Tau	60.1700654	12.4903467	-0.00056	-0.0120	3.42
1089	畢宿 2	226.00	79.25	1346	93868	2716	54 γ	Tau	64.9483487	15.6276422	0.00798	-0.0239	3.65
1090	畢宿 3	227.50	79.25	1394	93932	2801	71	Tau	66.5864217	15.6182653	0.00794	-0.0333	4.49
1091	畢宿 4	228.50	78.25	1411	93955	2834	77 θ 1	Tau	67.1437329	15.9621808	0.00726	-0.0150	3.84
1092	畢宿 5	230.50	77.50	1457	94027	2922	87 α	Tau	68.9801612	16.5093014	0.00437	-0.1894	0.99
1093	畢宿 6	228.75	75.00	1409	93954	2835	74 ε	Tau	67.1541646	19.1804317	0.00757	-0.0368	3.54
1094	畢宿 7	227.75	76.00	1389	93923	2792	68 δ 3	Tau	66.3724325	17.9279103	0.00759	-0.0325	4.31
1095	畢宿 8	226.75	77.25	1373	93897	2761	61 δ 1	Tau	65.7337221	17.5425142	0.00753	-0.0288	3.76
1096	附耳	231.00	78.50	1479	94054	2957	92 σ 2	Tau	69.8187575	15.9179767	0.00571	-0.0195	4.67
1097	天街 1	227.50	74.50	1387	76601	2790	65 κ 1	Tau	66.3423554	22.2938736	0.00760	-0.0441	4.21
1098	天街 2	227.50	72.50	1392	76608	2800	69 ν	Tau	66.5769313	22.8135825	0.00786	-0.0458	4.29
1099	天高 1	233.00	69.25	1590	76862	3142	98 k	Tau	74.5391388	25.0504056	0.00193	-0.0476	5.79
1100	天高 2	232.25	72.00	1497	76721	2980	94 τ	Tau	70.5612529	22.9569286	-0.00021	-0.0203	4.27
1101	天高 3	235.50	73.00	1620	76920	3198	102 ι	Tau	75.7739471	21.5899625	0.00494	-0.0408	4.62
1102	天高 4	236.00	70.00	1659	76974	3259	103	Tau	77.0275975	24.2651747	0.00013	-0.0053	5.51
1103	諸王 1	239.50	66.00	1670	76990	3279		Tau	77.4378846	28.0304611	0.00422	-0.0606	6.02
1104	諸王 2	237.50	66.00	1554	76802	3083		Tau	73.1963208	27.8974853	0.00337	-0.0358	5.97
1105	諸王 3	236.00	66.00	1490	76707	2973		Tau	70.3323358	28.6149939	0.00284	-0.0300	5.73
1106	諸王 4	234.50	66.00	1445	76654	2908		Tau	68.6582988	28.9611506	-0.00005	-0.0219	5.89
1107	諸王 5	233.25	65.75	1406	57249	2839		Tau	67.2166342	30.3614917	0.00178	-0.0203	6.37
1108	諸王 6	232.00	65.50	1390	57229	2799		Per	66.5262913	31.4389111	0.00599	-0.1215	5.28
1109	五車 1	232.50	59.75	1577	57522	3130	3 ι	Aur	74.2484117	33.1660903	0.00029	-0.0185	2.68
1110	五車 2	235.75	49.50	1708	40186	3357	13 α	Aur	79.1723296	45.9979911	0.00725	-0.4271	0.08
1111	五車 3	247.50	49.50	2088	40750	4020	34 β	Aur	89.8821787	44.9474328	-0.00531	-0.0009	1.90
1112	五車 4	250.25	59.25	2095	58636	4024	37 θ	Aur	89.9302875	37.2125853	0.00352	-0.0736	2.65
1113	五車 5	242.00	65.50	1791	77168	3486	112 β	Tau	81.5729725	28.6074500	0.00177	-0.1742	1.68
1114	柱 1	236.25	52.00	1722	40214	3372		Aur	79.5654046	42.7921111	0.00165	-0.0305	5.64
1115	柱 2	237.75	52.00	1749	40269	3427	20 ρ	Aur	80.4517321	41.8045725	0.00120	-0.0374	5.21
1116	柱 3	236.75	53.50	1738	40248	3400		Aur	80.0611237	41.0862122	-0.00160	-0.0522	5.47
1117	柱 4	248.50	60.25	2011	58496	3897	31 ν	Aur	87.7601558	37.3055731	0.00310	-0.0448	4.73
1118	柱 5	248.50	58.25	2012	58502	3906	32 ν	Aur	87.8724958	39.1484803	0.00073	0.0004	3.97
1119	柱 6	247.75	59.25	1995	58465	3871	29 τ	Aur	87.2934921	39.1810711	-0.00244	-0.0256	4.52
1120	柱 7	243.25	64.50	1914	58280	3706	26	Aur	84.6586871	30.4923914	-0.00164	-0.0120	5.41
1121	柱 8	244.25	63.50	1939	58322	3742		Aur	85.1752100	31.9206075	0.00004	-0.0043	6.23
1122	柱 9	243.25	63.00	1843	58164	3591	25 χ	Aur	83.1819708	32.1920217	-0.00014	-0.0040	4.74
1123	咸池 1	237.50	56.50	1689	57755	3317	11 μ	Aur	78.3571571	38.4844981	-0.00159	-0.0724	4.83
1124	咸池 2	239.00	54.50	1729	40233	3380	15 λ	Aur	79.7853100	40.0990517	0.04526	-0.6647	4.69
1125	咸池 3	240.75	53.75	1760	40290	3440		Aur	80.7096454	41.0292603	-0.00110	0.0029	5.54
1126	天橫 1	237.25	59.00	1669	57704	3285		Aur	77.5783625	37.3018539	0.00022	0.0011	6.46
1127	天橫 2	239.50	59.00	1773	57981	3463	21 σ	Aur	81.1630912	37.3853456	-0.00002	-0.0121	4.99
1128	天橫 3	239.50	60.50	1805	58051	3509	24 ϕ	Aur	81.9120262	34.4758922	-0.00012	-0.0388	5.06
1129	天橫 4	238.75	61.50	1740	57906	3398	19	Aur	80.0038379	33.9580536	0.00000	-0.0037	5.04
1130	天橫 5	237.25	61.75	1706	57799	3343	14	Aur	78.8516371	32.6876003	-0.00214	0.0125	4.99
1131	天閼	243.50	72.50	1910	77336	3692	123 ζ	Tau	84.4111908	21.1425492	0.00017	-0.0180	3.00
1132	天節 1	229.00	89.75	1415	111845	2833		Tau	67.1338317	1.3808208	0.00118	-0.0220	5.54
1133	天節 2	230.75	87.50	1448	111896	2902		Tau	68.5344454	5.5686161	-0.00104	-0.0078	5.68
1134	天節 3	231.00	86.00	1480	111954	2955		Tau	69.7756542	7.8709764	0.00618	-0.0046	5.37
1135	天節 4	230.50	84.25	1446	111890	2897		Tau	68.4507300	9.4135669	-0.00042	-0.0230	6.02
1136	天節 5	230.75	82.00	1458	94026	2919	88 d	Tau	68.9135879	10.1607836	0.00304	-0.0524	4.25
1137	天節 6	232.50	82.50	1507	94095	3006		Ori	71.1076183	11.1461367	0.00672	-0.0135	5.39
1138	天節 7	231.00	80.50	1473	94044	2945	90 c1	Tau	69.5394271	12.5108381	0.00695	-0.0149	4.27
1139	天節 8	229.00	81.75	1402	93943	2819		Tau	66.8698646	11.2123044	-0.00017	-0.0132	5.87
1140	九州殊口 1	229.50	97.00	1244	130878	2512	35	Eri	60.3835425	-1.5496597	0.00187	-0.0138	5.28

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
1141	九州殊口 2	228.75	99.00	1212	130806	2438	32 w	Eri	58.5729254	-2.9547297	0.00176	0.0015	4.72
1142	九州殊口 3	229.25	100.50	1232	130860	2488		Eri	59.7183079	-5.4699467	-0.00313	-0.1740	5.84
1143	九州殊口 4	228.00	102.00	1202	130789	2422	30	Eri	58.1735663	-5.3612589	0.00022	-0.0071	5.49
1144	九州殊口 5	229.50	104.00	1272	130948	2554		Eri	61.4854463	-8.8561047	0.00154	-0.0086	6.26
1145	九州殊口 6	231.50	103.25	1298	131019	2622	38 o 1	Eri	62.9664175	-6.8375811	0.00080	0.0813	4.04
1146	九州殊口 7	232.75	101.50	1325	131063	2668	40 o 2	Eri	63.8180000	-7.6528711	-0.15066	-3.4204	4.42
1147	九州殊口 8	232.25	99.50	1383	131176	2769	42 ξ	Eri	65.9202179	-3.7454703	-0.00320	-0.0567	5.17
1148	九州殊口 9	231.25	97.00	1312	131041	2643		Eri	63.4089529	-1.1497369	0.00031	-0.0047	6.44
1149	参旗 1	234.50	88.50	1567	112197	3099	8 π 5	Ori	73.5629021	2.4406719	0.00010	0.0002	3.71
1150	参旗 2	234.00	87.00	1552	112142	3064	3 π 4	Ori	72.8015163	5.6051039	-0.00024	0.0010	3.68
1151	参旗 3	233.00	86.00	1543	112106	3051	1 π 3	Ori	72.4600442	6.9612756	0.03112	0.0116	3.19
1152	参旗 4	233.50	84.25	1544	112124	3059	2 π 2	Ori	72.6530075	8.9001758	-0.00006	-0.0316	4.36
1153	参旗 5	234.00	82.50	1570	94201	3106	7 π 1	Ori	73.7238663	10.1508331	0.00271	-0.1284	4.66
1154	参旗 6	232.75	81.00	1569	94197	3101	6 g	Ori	73.6954037	11.4260064	-0.00111	0.0136	5.19
1155	参旗 7	233.50	79.00	1580	94218	3126	9 o 2	Ori	74.0928100	13.5144658	-0.00533	-0.0460	4.08
1156	参旗 8	234.00	77.50	1600	94240	3150		Ori	74.7475446	14.5432400	0.00043	-0.0021	6.06
1157	参旗 9	235.00	76.75	1638	94290	3213	11 y 1	Ori	76.1422896	15.4041053	0.00127	-0.0310	4.67
1158	参旗 10	236.50	76.25	1676	94359	3276	15 y 2	Ori	77.4248129	15.5972322	-0.00049	-0.0161	4.82
1159	九遊 1	234.50	92.00	1437	131270	2873	45	Eri	67.9694471	-0.0440111	-0.00025	-0.0082	4.90
1160	九遊 2	236.25	93.00	1488	131392	2960		Eri	69.9467583	-1.0524592	0.00152	-0.0088	6.10
1161	九遊 3	237.25	94.50	1474	131358	2940	51 c	Eri	69.4005496	-2.4735483	0.00289	-0.0642	5.22
1162	九遊 4	236.75	97.25	1463	131346	2925	48 v	Eri	69.0797567	-3.3524592	0.00012	-0.0045	3.93
1163	九遊 5	236.00	100.00	1449	131309	2899	46	Eri	68.4780342	-6.7389078	-0.00018	-0.0048	5.73
1164	九遊 6	236.25	102.50	1452	131316	2904		Eri	68.5490429	-8.9702575	-0.00245	-0.1122	5.23
1165	九遊 7	235.00	105.00	1447	149725	2886		Eri	68.3420254	-10.7853336	-0.00006	0.0300	6.06
1166	九遊 8	236.25	105.50	1483	149789	2953		Eri	69.7231525	-12.1231269	-0.00444	-0.0177	5.01
1167	九遊 9	237.00	107.00	1481	149781	2946	53 l	Eri	69.5451004	-14.3040197	-0.00536	-0.1781	3.87
1168	天園 1	214.00	136.25	794	215999	1645	i	Eri	40.1668100	-39.8553756	0.01174	-0.0273	4.12
1169	天園 2	216.50	136.25	897	216113	1833	θ 1	Eri	44.5653113	-40.3046725	-0.00468	0.0257	3.22
1170	天園 3	218.00	136.25	1008	216263	2045	e	Eri	49.9818771	-43.0697836	0.27717	0.7265	4.26
1171	天園 4	221.00	136.25	1075	216347	2143		Eri	52.4797821	-42.6342561	-0.00539	-0.0014	5.77
1172	天園 5	224.00	136.25	1106	216405	2226	y	Eri	54.2736675	-40.2745453	0.00024	-0.0142	4.59
1173	天園 6	225.25	136.25	1190	194551	2368	f	Eri	57.1494950	-37.6201547	0.00638	-0.0107	4.75
1174	天園 7	224.50	133.25	1195	194559	2380	g	Eri	57.3635217	-36.2002503	-0.00408	-0.0566	4.17
1175	天園 8	227.00	132.50	1214	194608	2431	i	Eri	58.4122787	-34.7322972	0.00260	-0.0008	5.10
1176	天園 9	228.75	131.00	1299	194810	2609		Eri	62.6911296	-35.2737872	-0.00164	-0.0260	6.45
1177	天園 10	231.25	129.00	1393	194984	2774	43	Eri	66.0092387	-34.0168464	0.00593	0.0576	3.96
1178	天園 11	231.00	126.50	1347	194902	2695	41 u 4	Eri	64.4735929	-33.7983478	0.00500	-0.0068	3.56
1179	天園 12	232.50	124.50	1453	169570	2888	50 u 1	Eri	68.3773029	-29.7664919	-0.00878	-0.2716	4.51
1180	天園 13	233.75	126.00	1464	195148	2918	52 u 2	Eri	68.8876608	-30.5623414	-0.00379	-0.0128	3.81
1181	觜宿 1	243.50	81.25	1879	112921	3639	39 λ	Ori	83.7844879	9.9341583	-0.00007	-0.0019	3.39
1182	觜宿 2	242.50	83.00	1876	112914	3632	37 ϕ 1	Ori	83.7051546	9.4895792	-0.00008	-0.0025	4.41
1183	觜宿 3	244.50	83.00	1907	112958	3676	40 ϕ 2	Ori	84.2266163	9.2906728	0.00654	-0.3042	4.09
1184	司怪 1	248.50	66.00	2034	77675	3933	136	Tau	88.3318587	27.6122619	0.00029	-0.0096	4.56
1185	司怪 2	250.00	66.00	2084	77775	3997	139	Tau	89.4985658	25.9539119	-0.00021	-0.0017	4.83
1186	司怪 3	251.00	69.00	2134	77915	4089	1 H	Gem	91.0300342	23.2633308	-0.00133	-0.1288	4.18
1187	司怪 4	252.00	71.50	2135	77911	4088	62 χ 2	Ori	90.9799371	20.1384519	0.00016	-0.0028	4.64
1188	座旗 1	253.25	66.50	2339	78417	4522		Gem	97.2349263	26.9674567	0.00604	-0.0775	6.59
1189	座旗 2	253.25	65.00	2332	59128	4511	48	Aur	97.1420375	30.4930336	0.00003	-0.0150	5.75
1190	座旗 3	253.25	63.75	2372	59194	4581		Aur	98.1132688	32.4548981	-0.00209	-0.0175	5.82
1191	座旗 4	253.25	62.50	2383	59222	4601		Aur	98.4277404	33.0240392	0.00075	0.0011	6.53
1192	座旗 5	253.25	60.50	2405	59280	4642		Aur	99.1368183	38.4455000	-0.00015	-0.0214	5.43
1193	座旗 6	253.25	58.25	2420	59319	4685	52 ψ 3	Aur	99.7049175	39.9025589	-0.00073	-0.0120	5.35
1194	座旗 7	253.25	56.00	2427	41239	4689	50 ψ 2	Aur	99.8326096	42.4888769	-0.00009	-0.0557	4.79
1195	座旗 8	253.25	54.00	2459	41288	4744	55 ψ 4	Aur	100.7707142	44.5244500	-0.00421	-0.0303	5.03
1196	座旗 9	253.25	52.00	2487	41346	4824	57 ψ 6	Aur	101.9149004	48.7894764	-0.00053	0.0064	5.22
1197	参宿 1	243.50	92.50	1852	132220	3582	34 δ	Ori	83.0016592	-0.2990794	0.00011	0.0006	2.23

No.	Name	$\alpha^c(400)$	$\delta^c(400)$	HR	SAO	SKY	FL/BA	Con	$\alpha(2000)$	$\delta(2000)$	ppm α	ppm β	Mg
1198	参宿 2	245.25	93.00	1903	132346	3667	46 ϵ	Ori	84.0533892	-1.2019197	0.00010	-0.0011	1.72
1199	参宿 3	247.00	93.50	1948	132444	3744	50 ζ	Ori	85.1896962	-1.9425722	0.00027	0.0025	1.74
1200	参宿 4	248.75	100.50	2004	132542	3850	53 κ	Ori	86.9391204	-9.6696047	0.00011	-0.0012	2.06
1201	参宿 5	241.50	100.50	1713	131907	3330	19 β	Ori	78.6344679	-8.2016406	0.00013	-0.0006	0.28
1202	参宿 6	241.75	86.75	1790	112740	3473	24 γ	Ori	81.2827629	6.3497022	-0.00059	-0.0133	1.66
1203	参宿 7	248.50	86.75	2061	113271	3962	58 α	Ori	88.7929388	7.4070628	0.00184	0.0109	0.57
1204	参宿 8	245.00	95.00	1892	132320	3652	42 c	Ori	83.8465175	-4.8383578	0.00029	-0.0072	4.60
1205	参宿 9	244.75	96.50	1897	132321	3651	43 $\theta 2$	Ori	83.8454200	-5.4160597	0.00011	0.0015	5.07
1206	参宿 10	244.50	98.00	1899	132323	3653	44 i	Ori	83.8582604	-5.9099014	0.00015	-0.0006	2.78
1207	玉井 1	240.50	97.75	1666	131794	3255	67 β	Eri	76.9624379	-5.0864461	-0.00558	-0.0754	2.79
1208	玉井 2	238.75	98.50	1625	131715	3193		Eri	75.6891450	-4.2101206	0.00282	0.0020	5.86
1209	玉井 3	238.75	101.75	1617	131700	3175	65 ψ	Eri	75.3597700	-7.1739656	-0.00002	0.0052	4.79
1210	玉井 4	240.50	102.50	1679	131824	3270	69 λ	Eri	77.2865958	-8.7540808	0.00000	-0.0020	4.26
1211	軍井 1	239.75	105.00	1608	150060	3158	63	Eri	74.9602183	-10.2633250	0.00132	-0.1368	5.39
1212	軍井 2	240.50	107.00	1611	150064	3160	64	Eri	74.9822383	-12.5374156	0.00276	-0.0869	4.78
1213	軍井 3	242.75	107.00	1705	150239	3314	4 κ	Lep	78.3078237	-12.9412917	-0.00084	-0.0013	4.43
1214	軍井 4	243.25	104.75	1696	150223	3306	3 i	Lep	78.0745929	-11.8692189	0.00170	-0.0312	4.47
1215	屏 1	241.00	113.00	1654	170051	3224	2 ϵ	Lep	76.3652675	-22.3710325	0.00139	-0.0724	3.18
1216	屏 2	242.00	110.25	1702	150237	3312	5 μ	Lep	78.2329200	-16.2054683	0.00317	-0.0161	3.29
1217	天厠 1	247.00	111.00	1865	150547	3592	11 α	Lep	83.1825662	-17.8222886	0.00023	0.0015	2.59
1218	天厠 2	247.00	114.00	1829	170457	3520	9 β	Lep	82.0613467	-20.7594411	-0.00036	-0.0859	2.84
1219	天厠 3	250.50	114.00	1983	170759	3801	13 γ	Lep	86.1157933	-22.4483822	-0.02109	-0.3685	3.60
1220	天厠 4	251.75	111.75	2035	170926	3900	15 δ	Lep	87.8303992	-20.8790886	0.01634	-0.6479	3.78
1221	天矢	250.25	123.00	1935	170613	3693	$\nu 2$	Col	84.4359075	-28.6896906	-0.00289	0.0426	5.28
1222	井宿 1	257.00	63.75	2473	78682	4751	27 ϵ	Gem	100.9830250	25.1311242	-0.00044	-0.0128	3.01
1223	井宿 2	256.75	66.50	2529	78805	4879	36 d	Gem	102.8876913	21.7611478	-0.00044	-0.0345	5.27
1224	井宿 3	263.00	69.25	2650	79031	5083	43 ζ	Gem	106.0272158	20.5702969	-0.00041	-0.0010	4.01
1225	井宿 4	266.50	73.00	2763	96746	5285	54 λ	Gem	109.5232446	16.5403831	-0.00321	-0.0379	3.58
1226	井宿 5	253.50	68.00	2286	78297	4398	13 μ	Gem	95.7401125	22.5135858	0.00410	-0.1088	2.90
1227	井宿 6	255.50	70.25	2343	78423	4523	18 ν	Gem	97.2407779	20.2121331	-0.00043	-0.0141	4.14
1228	井宿 7	258.25	73.75	2421	95912	4662	24 γ	Gem	99.4279212	16.3992522	-0.00014	-0.0669	2.02
1229	井宿 8	260.25	76.25	2484	96074	4776	31 ξ	Gem	101.3223525	12.8955911	-0.00788	-0.1909	3.34
1230	鉞	252.50	69.00	2216	78135	4259	7 η	Gem	93.7194050	22.5067989	-0.00451	-0.0102	3.30
1231	水府 1	251.50	79.00	2199	95362	4219	70 ξ	Ori	92.9849825	14.2087650	-0.00011	-0.0202	4.46
1232	水府 2	253.00	77.50	2223	95447	4267	72 $f 2$	Ori	93.8546996	16.1431753	0.00011	-0.0127	5.34
1233	水府 3	252.50	76.00	2198	95365	4223	69 $f 1$	Ori	93.0136646	16.1304061	0.00039	-0.0168	4.96
1234	水府 4	251.00	77.00	2159	95259	4155	67 ν	Ori	91.8930200	14.7684717	0.00034	-0.0212	4.42
1235	天尊 1	270.00	65.50	2846	79403	5440	63	Gem	111.9348475	21.4452475	-0.00355	-0.1239	5.24
1236	天尊 2	268.25	64.50	2777	79294	5318	55 δ	Gem	110.0307400	21.9823206	-0.00135	-0.0078	3.54
1237	天尊 3	268.50	67.50	2795	79328	5342	56	Gem	110.4869200	20.4436583	-0.00442	-0.0240	5.09
1238	五諸侯 1	261.00	56.75	2540	59570	4898	34 θ	Gem	103.1972425	33.9612539	-0.00021	-0.0477	3.61
1239	五諸侯 2	265.00	59.00	2697	59858	5172	46 τ	Gem	107.7848779	30.2451631	-0.00239	-0.0484	4.39
1240	五諸侯 3	269.00	60.00	2821	79374	5405	60 i	Gem	111.4316504	27.7980803	-0.00914	-0.0844	3.79
1241	五諸侯 4	272.75	60.25	2905	79533	5571	69 u	Gem	113.9806100	26.8957408	-0.00296	-0.1081	4.07
1242	五諸侯 5	275.50	62.50	2985	79653	5721	77 κ	Gem	116.1118925	24.3979925	-0.00164	-0.0562	3.57
1243	北河 1	274.00	56.50	2990	79666	5732	78 β	Gem	116.3289600	28.0261986	-0.04725	-0.0460	1.22
1244	北河 2	270.75	54.25	2890	60198	5551	66 α	Gem	113.6504183	31.8884919	-0.01620	-0.1482	2.88
1245	北河 3	269.00	56.25	2852	60118	5465	62 ρ	Gem	112.2779958	31.7845503	0.01250	0.1938	4.18
1246	積水	268.25	50.25	2793	60010	5344	65	Aur	110.5109025	36.7605842	-0.00821	-0.0221	5.13
1247	積薪	274.25	50.25	2930	60247	5630	71 o	Gem	114.7913788	34.5843461	-0.00291	-0.1180	4.89
1248	水位 1	269.00	75.00	2877	96985	5506		Gem	112.9516538	17.0860458	0.00298	-0.0754	5.44
1249	水位 2	271.50	73.75	2938	97120	5639	74 f	Gem	114.8691354	17.6745189	0.00016	0.0013	5.04
1250	水位 3	274.00	72.00	3003	97221	5742	81 g	Gem	116.5310300	18.5100436	-0.00531	-0.0515	4.87
1251	水位 4	275.50	70.25	3086	79799	5888	85	Gem	118.9162296	19.8839697	-0.00104	-0.0398	5.38
1252	南河 1	275.00	84.00	2943	115756	5634	10 α	CMi	114.8254929	5.2249931	-0.04797	-1.0346	0.40
1253	南河 2	271.25	84.00	2710	115062	5185		CMi	107.9640967	5.6547028	-0.00082	-0.0052	6.08
1254	南河 3	273.00	81.50	2845	115456	5431	3 β	CMi	111.7876779	8.2893156	-0.00339	-0.0385	2.89

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
1255	四濱 1	262.75	77.00	2564	96265	4928	38 e	Gem	103.6609829	13.1778272	0.00481	-0.0778	4.70
1256	四濱 2	261.50	79.00	2555	96241	4910		Mon	103.3433367	10.9966500	-0.00003	-0.1201	6.29
1257	四濱 3	260.00	81.00	10039	0	17267	NGC 2264		100.2750000	9.8833333	0.00000	0.0000	3.90
1258	四濱 4	259.00	83.75	2385	114034	4589	13	Mon	98.2259471	7.3329650	-0.00026	-0.0058	4.51
1259	開丘 1	272.75	93.25	2701	134282	5167	20	Mon	107.5570079	-4.2371061	0.00000	0.2179	4.92
1260	開丘 2	276.00	93.25	2927	134899	5597	25	Mon	114.3195463	-4.1109794	-0.00451	0.0177	5.14
1261	軍市 1	255.75	104.00	2155	151110	4123	18 θ	Lep	91.5388492	-14.9352542	-0.00116	0.0132	4.67
1262	軍市 2	255.00	105.75	2148	151093	4106	17	Lep	91.2463717	-16.4844347	-0.00039	-0.0032	4.97
1263	軍市 3	255.25	107.25	2168	151142	4157	19	Lep	91.9234921	-19.1658664	0.00090	0.0567	5.28
1264	軍市 4	256.00	109.00	2166	171251	4141		Lep	91.7396383	-21.8122994	-0.00044	-0.0037	5.79
1265	軍市 5	257.75	110.00	2180	171293	4172		Lep	92.2411037	-22.4274119	-0.00028	-0.0528	5.49
1266	軍市 6	260.00	109.75	2254	171502	4297		CMa	94.2649962	-22.7152292	0.00921	-0.2586	6.07
1267	軍市 7	262.00	108.75	2403	171940	4596		CMa	98.3611346	-20.9239611	-0.00127	-0.0275	6.40
1268	軍市 8	263.00	107.00	2429	151702	4644	7 ν 2	CMa	99.1709892	-19.2558792	0.00440	-0.0699	3.95
1269	軍市 9	263.75	105.50	2443	151730	4667	8 ν 3	CMa	99.4725904	-18.2374778	-0.00048	-0.0085	4.43
1270	軍市 10	263.00	103.00	2448	151737	4677		CMa	99.6476096	-16.8735469	-0.00058	-0.0248	6.02
1271	軍市 11	261.00	102.25	0	151512	4482		CMa	96.6777388	-14.6034289	0.00015	-0.0117	6.33
1272	軍市 12	259.25	102.25	2244	151283	4277		CMa	93.9370258	-13.7184139	0.00084	-0.0111	5.01
1273	軍市 13	257.50	103.00	2183	151178	4180		Lep	92.3938512	-14.5846186	-0.00108	0.0296	5.56
1274	野鷄	259.50	106.00	2294	151428	4391	2 β	CMa	95.6749387	-17.9559178	-0.00024	-0.0005	1.96
1275	狼	267.50	104.50	2491	151881	4772	9 α	CMa	101.2871554	-16.7161158	-0.03801	-1.2231	-1.44
1276	丈人 1	249.75	128.50	1956	196059	3726	α	Col	84.9122496	-34.0741078	-0.00001	-0.0241	2.66
1277	丈人 2	248.75	131.00	1862	195924	3569	ϵ	Col	82.8031492	-35.4705189	0.00232	-0.0341	3.87
1278	子 1	256.00	131.00	2106	196352	3992	γ	Col	89.3842083	-35.2832797	-0.00022	0.0112	4.36
1279	子 2	253.75	133.00	2040	196240	3894	β	Col	87.7399704	-35.7683086	0.00458	0.4047	3.11
1280	孫 1	263.50	128.25	2256	196643	4291	κ	Col	94.1380650	-35.1405186	0.00003	0.0876	4.37
1281	孫 2	261.50	130.50	2177	196514	4154	θ	Col	91.8818033	-37.2529203	0.00007	0.0003	5.00
1282	老人	260.75	146.50	2326	234480	4420	α	Car	95.9879579	-52.6956606	0.00220	0.0237	-0.63
1283	弧 1	277.50	118.75	2827	173651	5379	31 η	CMa	111.0237604	-29.3031036	-0.00029	0.0067	2.46
1284	弧 2	273.25	113.50	2693	173047	5142	25 δ	CMa	107.0978513	-26.3931997	-0.00021	0.0033	1.84
1285	弧 3	271.50	110.25	2653	172839	5062	24 \omicron 2	CMa	105.7561358	-23.8332908	-0.00011	0.0043	3.04
1286	弧 4	271.25	115.25	2646	172797	5039	22 σ	CMa	105.4297821	-27.9348303	-0.00045	0.0046	3.47
1287	弧 5	270.00	117.50	2618	172676	4987	21 ϵ	CMa	104.6564517	-28.9720836	0.00020	0.0023	1.53
1288	弧 6	269.00	119.75	2538	197258	4851	13 κ	CMa	102.4602463	-32.5084778	-0.00073	0.0040	3.53
1289	弧 7	282.50	111.00	3045	174601	5796	7 ξ	Pup	117.3235633	-24.8597858	-0.00041	-0.0007	3.33
1290	弧 8	279.00	111.25	2900	173987	5520		Pup	113.2907354	-24.7107314	-0.00013	0.0201	5.85
1291	弧 9	276.00	112.00	2782	173446	5294	30 τ	CMa	109.6770038	-24.9543631	-0.00013	0.0037	4.40
1292	鬼宿 1	289.50	67.00	3461	98087	6606	47 δ	Cnc	131.1712483	18.1543086	-0.00120	-0.2285	3.93
1293	鬼宿 2	289.50	64.25	3449	80378	6589	43 γ	Cnc	130.8214421	21.4685006	-0.00766	-0.0393	4.67
1294	鬼宿 3	286.50	64.25	3366	80243	6420	33 η	Cnc	128.1770708	20.4411619	-0.00318	-0.0447	5.34
1295	鬼宿 4	286.50	67.00	3357	97881	6402	31 θ	Cnc	127.8988754	18.0944203	-0.00421	-0.0565	5.35
1296	積尸	288.00	66.00	10063	0	17291	M44		130.0250000	19.9833333	0.00000	0.0000	3.10
1297	耀 1	300.00	73.50	3669	98456	6978	82 π 2	Cnc	138.8077200	14.9415067	-0.00273	-0.0123	5.35
1298	耀 2	299.00	75.50	3623	98378	6892	76 κ	Cnc	136.9367179	10.6681911	-0.00138	-0.0100	5.25
1299	耀 3	295.75	75.00	3572	98267	6802	65 α	Cnc	134.6217571	11.8577008	0.00282	-0.0292	4.26
1300	耀 4	295.75	72.50	3561	98247	6790	62 \omicron 1	Cnc	134.3122917	15.3227622	0.00423	0.0185	5.23
1301	外厨 1	296.00	91.25	3459	136221	6595	F	Hya	130.9182225	-7.2337303	-0.00079	-0.0011	4.64
1302	外厨 2	296.00	89.00	3500	136308	6676	14	Hya	132.3405258	-3.4430233	-0.00131	-0.0217	5.30
1303	外厨 3	295.50	87.00	3486	136276	6656		Hya	131.8124404	-1.8970328	-0.00251	0.0111	5.28
1304	外厨 4	293.25	87.00	3383	136044	6440		Hya	128.5067404	-2.1515544	-0.00223	0.0207	5.80
1305	外厨 5	292.25	89.00	3314	135896	6315	C	Hya	126.4151346	-3.9064236	-0.00441	-0.0242	3.89
1306	外厨 6	292.50	91.25	3288	135840	6274		Hya	125.7253975	-7.5431206	-0.00066	0.0063	5.94
1307	天記	296.25	108.75	3430	176226	6511		Pyx	129.7829179	-22.6618750	-0.01938	0.4241	5.05
1308	天狗 1	281.00	98.25	3047	135158	5816		Mon	117.5440688	-9.1834414	0.00000	0.0001	5.60
1309	天狗 2	278.50	97.75	2970	134986	5666	26 α	Mon	115.3118017	-9.5511308	-0.00506	-0.0196	3.94
1310	天狗 3	279.00	99.75	3029	153414	5771	5	Pup	116.9863317	-12.1927047	-0.00714	0.0774	5.62
1311	天狗 4	278.50	103.00	2959	153227	5652		Pup	115.0967113	-15.2639203	-0.00016	-0.0280	4.97

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
1312	天狗 5	276.00	102.25	2902	153072	5532		Pup	113.4498467	-14.5238922	-0.00053	0.0036	4.96
1313	天狗 6	274.00	102.75	2796	152749	5331		CMa	110.2428567	-14.3604894	-0.00072	-0.0004	5.58
1314	天狗 7	272.50	105.00	2758	152641	5255		CMa	109.0606396	-15.5856892	-0.00307	-0.0141	5.45
1315	天社 1	263.75	138.25	2451	218071	4663	ν	Pup	99.4402971	-43.1959336	-0.00004	-0.0040	3.18
1316	天社 2	267.75	146.50	2553	234735	4854	τ	Pup	102.4840346	-50.6145597	0.00360	-0.0659	2.94
1317	天社 3	270.75	141.00	2740	218537	5199	ι	Pup	108.1401063	-46.7593050	-0.01320	0.1068	4.50
1318	天社 4	275.00	136.00	2878	218755	5468	σ	Pup	112.3076263	-43.3014325	-0.00548	0.1887	3.26
1319	天社 5	288.50	140.75	3165	198752	6013	ζ	Pup	120.8960279	-40.0031478	-0.00268	0.0168	2.22
1320	天社 6	283.25	132.50	3207	219504	6089	$\gamma 2$	Vel	122.3831258	-47.3365878	-0.00058	0.0099	1.79
1321	柳宿 1	289.50	83.75	3418	116988	6507	5σ	Hya	129.6893238	3.3414353	-0.00127	-0.0163	4.45
1322	柳宿 2	289.50	81.00	3410	116965	6490	4δ	Hya	129.4140258	5.7037817	-0.00471	-0.0070	4.14
1323	柳宿 3	290.75	79.00	3482	117112	6651	11ε	Hya	131.6937942	6.4188092	-0.01550	-0.0402	3.40
1324	柳宿 4	293.50	78.50	3547	117264	6757	16ζ	Hya	133.8484429	5.9455633	-0.00669	0.0147	3.12
1325	柳宿 5	296.25	80.00	3613	117420	6876	18ω	Hya	136.4931946	5.0923158	-0.00127	-0.0110	4.99
1326	柳宿 6	298.50	83.00	3665	117527	6970	22θ	Hya	138.5910792	2.3142803	0.00751	-0.3061	3.89
1327	柳宿 7	292.00	81.00	3492	117146	6669	13ρ	Hya	132.1082108	5.8378125	-0.00117	-0.0298	4.35
1328	柳宿 8	292.00	83.75	3454	117050	6588	7η	Hya	130.8061467	3.3986622	-0.00128	-0.0013	4.29
1329	酒旗 1	308.00	76.00	3876	117898	7371		Leo	146.5418508	6.7085558	0.00038	-0.0240	5.80
1330	酒旗 2	306.00	76.00	3827	117807	7266	10	Leo	144.3027800	6.8358019	-0.00472	0.0110	5.01
1331	酒旗 3	306.75	78.75	3834	117821	7286	H	Hya	144.6137013	4.6492928	-0.01107	-0.0499	4.67
1332	星宿 1	305.50	91.00	3759	136895	7154	$31 \tau 1$	Hya	142.2870738	-2.7689639	0.00674	-0.0032	4.92
1333	星宿 2	305.50	88.50	3787	136932	7205	$32 \tau 2$	Hya	142.9955338	-1.1846639	-0.00076	-0.0039	4.55
1334	星宿 3	307.50	88.00	3845	137035	7300	35ι	Hya	144.9640079	-1.1428103	0.00319	-0.0629	3.90
1335	星宿 4	304.50	93.00	3738	136832	7109	28	Hya	141.3501479	-5.1173936	-0.00078	-0.0061	5.58
1336	星宿 5	304.25	95.00	3748	136871	7138	30α	Hya	141.8968471	-8.6586025	-0.00098	0.0333	1.99
1337	星宿 6	303.00	94.25	3681	136725	7001	23	Hya	139.1739021	-6.3531444	0.00167	0.0043	5.23
1338	星宿 7	303.00	97.00	3706	155096	7041	26	Hya	139.9432588	-11.9748525	-0.00190	0.0122	4.78
1339	天相 1	308.00	92.75	3805	136951	7223		Hya	143.3329400	-7.1902044	-0.00418	-0.0231	6.25
1340	天相 2	308.00	90.25	3814	136964	7235	$33 A$	Hya	143.6360350	-5.9149481	0.00072	-0.0583	5.56
1341	天相 3	306.50	91.50	3750	136872	7140		Hya	141.9449188	-6.0711872	-0.01561	-0.0652	5.39
1342	軒轅 1	314.00	70.00	3982	98967	7595	32α	Leo	152.0929613	11.9672069	-0.01700	0.0049	1.41
1343	軒轅 2	320.50	73.50	4133	118355	7882	47ρ	Leo	158.2027992	9.3065856	-0.00038	-0.0036	3.85
1344	軒轅 3	306.75	73.50	3852	98709	7310	$14 o$	Leo	145.2876367	9.8923081	-0.00972	-0.0374	3.53
1345	軒轅 4	313.50	65.50	3975	98955	7583	30η	Leo	151.8331346	16.7626644	-0.00014	-0.0005	3.52
1346	軒轅 5	316.75	62.50	4057	81298	7729	$41 \gamma 1$	Leo	154.9931438	19.8414886	0.02203	-0.1529	2.23
1347	軒轅 6	314.25	58.00	4031	81265	7687	36ζ	Leo	154.1725704	23.4173106	0.00144	-0.0073	3.44
1348	軒轅 7	309.25	57.25	3905	81064	7444	24μ	Leo	148.1909054	26.0069514	-0.01604	-0.0549	3.88
1349	軒轅 8	306.25	59.25	3873	81004	7363	17ε	Leo	146.4628042	23.7742547	-0.00336	-0.0096	2.97
1350	軒轅 9	303.00	59.00	3773	80885	7200	4λ	Leo	142.9301171	22.9679706	-0.00140	-0.0390	4.30
1351	軒轅 10	302.00	56.25	3731	80807	7101	1κ	Leo	141.1635796	26.1823242	-0.00231	-0.0481	4.47
1352	軒轅 11	301.00	52.25	3820	61594	7255		Leo	144.1785504	31.1617344	0.00018	-0.0437	5.57
1353	軒轅 12	299.00	55.00	3639	61306	6926		Cnc	137.6616625	30.9631389	-0.00073	-0.0331	6.07
1354	軒轅 13	296.00	56.75	3621	80650	6895	72τ	Cnc	137.0002108	29.6542356	-0.00238	0.0034	5.42
1355	軒轅 14	293.50	55.00	3575	61177	6817	$64 \sigma 3$	Cnc	134.8860579	32.4185592	-0.00350	-0.0346	5.23
1356	軒轅 15	290.75	54.00	3555	61146	6781	$59 \sigma 2$	Cnc	134.2358217	32.9104300	-0.00424	-0.0656	5.44
1357	軒轅 16	288.50	55.00	3409	60939	6500		Cnc	129.5790875	32.8020206	-0.00193	-0.0030	5.96
1358	軒轅 17	289.50	58.00	3475	80416	6647	48ι	Cnc	131.6742521	28.7598983	-0.00157	-0.0440	4.02
1359	女御	314.00	72.50	3980	98964	7589	$31 A$	Leo	151.9761283	9.9975078	-0.00549	-0.0642	4.37
1360	内平 1	314.75	48.00	4090	62038	7797	30	LMi	156.4783929	33.7961203	-0.00604	-0.0590	4.73
1361	内平 2	313.50	46.75	3974	61874	7584	21	LMi	151.8573400	35.2446933	0.00416	0.0006	4.49
1362	内平 3	313.50	44.75	3993	61914	7626		LMi	152.8032425	37.4019006	-0.00171	-0.0290	5.84
1363	内平 4	316.00	46.00	4100	62053	7825	31β	LMi	156.9708250	36.7072083	-0.01116	-0.1136	4.21
1364	天稷 1	299.00	140.50	10064	0	17292	IC 2391		130.0500000	-53.0666667	0.00000	0.0000	2.50
1365	天稷 2	301.50	143.00	3485	236232	6608	δ	Vel	131.1759433	-54.7088211	0.00332	-0.1041	1.94
1366	天稷 3	309.75	144.25	3734	236891	7072	κ	Vel	140.5284096	-55.0106681	-0.00125	0.0112	2.48
1367	天稷 4	307.75	136.00	3614	220803	6865	c	Vel	136.0386683	-47.0977369	-0.00459	-0.0096	3.75
1368	天稷 5	313.00	137.75	3836	221344	7259	M	Vel	144.2064171	-49.3550258	-0.01336	0.0423	4.34

No.	Name	α (400)	δ (400)	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
1369	張宿 1	307.75	99.00	3849	155388	7303	38 κ	Hya	145.0765138	-14.3322922	-0.00181	-0.0193	5.06
1370	張宿 2	311.00	100.75	3903	155542	7431	39 υ 1	Hya	147.8695575	-14.8466031	0.00129	-0.0219	4.11
1371	張宿 3	315.00	104.50	3923	155588	7464		Hya	148.7175363	-19.0093600	-0.00325	-0.0370	4.93
1372	張宿 4	316.00	96.50	3994	155785	7618	41 λ	Hya	152.6469896	-12.3540831	-0.01367	-0.1003	3.61
1373	張宿 5	320.50	101.00	4094	155980	7799	42 μ	Hya	156.5226113	-16.8362906	-0.00895	-0.0801	3.82
1374	張宿 6	324.50	100.75	4171	156122	7945	ϕ 3	Hya	159.6456375	-16.8765719	-0.00687	0.0268	4.91
1375	天廟 1	308.75	115.25	3770	177546	7172		Ant	142.4771004	-26.5896156	-0.00167	0.0007	5.49
1376	天廟 2	307.50	119.75	3733	177374	7080	λ	Pyx	140.8010446	-28.8338731	-0.00979	0.0206	4.72
1377	天廟 3	308.00	123.75	3765	200416	7156	ϵ	Ant	142.3113317	-35.9513356	-0.00204	0.0051	4.49
1378	天廟 4	312.25	123.50	3835	200573	7268		Ant	144.3683363	-36.0959942	-0.00211	-0.0014	5.95
1379	天廟 5	317.25	123.50	3947	200926	7511	η	Ant	149.7178146	-35.8909728	-0.00737	-0.0163	5.23
1380	天廟 6	321.50	123.50	4029	201211	7671		Ant	153.8369667	-36.5177169	-0.00237	0.0075	6.17
1381	天廟 7	323.00	120.00	4104	201405	7814	α	Ant	156.7879213	-31.0677789	-0.00626	0.0096	4.27
1382	天廟 8	322.00	115.50	4049	178644	7700		Ant	154.5316263	-28.9920003	-0.00117	0.0109	5.52
1383	天廟 9	317.25	115.25	3933	178216	7491		Ant	149.2253829	-27.4751542	-0.00549	0.0238	6.31
1384	天廟 10	312.25	115.25	3871	177908	7345	θ	Ant	146.0504029	-27.7694617	-0.00400	0.0378	4.79
1385	天廟 11	312.75	118.00	3878	177939	7358		Ant	146.3416958	-30.2027506	-0.00089	0.0048	6.45
1386	天廟 12	311.50	120.00	3833	200561	7264		Ant	144.2912138	-32.1786464	0.00248	-0.0139	5.62
1387	天廟 13	317.00	120.50	3932	200889	7487		Ant	149.1478921	-33.4184964	0.00274	0.0220	5.83
1388	天廟 14	318.00	118.50	3956	200994	7539		Ant	150.7054150	-30.5775231	-0.00141	0.0259	6.54
1389	翼宿 1	327.75	100.75	4232	156256	8075	ν	Hya	162.4062017	-16.1936483	0.00644	0.1990	3.11
1390	翼宿 2	330.50	101.00	4287	156375	8166	7 α	Crt	164.9436029	-18.2987833	-0.03247	0.1291	4.08
1391	翼宿 3	333.00	103.25	4343	179624	8281	11 β	Crt	167.9145388	-22.8258472	0.00034	-0.0991	4.46
1392	翼宿 4	333.00	99.00	4382	156605	8375	12 δ	Crt	169.8351983	-14.7785414	-0.00858	0.2066	3.57
1393	翼宿 5	335.50	101.50	4405	156661	8420	15 γ	Crt	171.2205158	-17.6840097	-0.00679	0.0032	4.08
1394	翼宿 6	339.00	101.50	4514	156869	8635	27 ζ	Crt	176.1907304	-18.3506772	0.00191	-0.0246	4.71
1395	翼宿 7	324.75	94.00	4233	137815	8076		Sex	162.4312025	-9.8526950	0.00066	-0.0272	5.85
1396	翼宿 8	330.00	94.00	4305	156421	8203		Crt	165.8119983	-11.3034694	-0.00556	-0.1071	5.51
1397	翼宿 9	334.00	94.00	4402	156658	8419	14 ϵ	Crt	171.1524629	-10.8593233	-0.00164	0.0245	4.81
1398	翼宿 10	335.00	92.00	4468	138296	8542	21 θ	Crt	174.1704725	-9.8022469	-0.00401	0.0028	4.69
1399	翼宿 11	337.50	92.00	4529	156896	8662		Crt	177.0978633	-10.3131044	-0.00718	-0.1091	6.25
1400	翼宿 12	342.50	92.00	4587	157041	8780		Vir	180.1852146	-10.4460139	0.00963	-0.4833	5.54
1401	翼宿 13	338.00	94.00	4547	156940	8692		Crt	177.8412396	-12.1878111	-0.01632	0.0455	6.35
1402	翼宿 14	335.00	96.00	4416	156685	8445	16 κ	Crt	171.7896525	-12.3567492	-0.00671	0.0238	5.93
1403	翼宿 15	322.00	110.75	4011	178544	7644		Hya	153.3310246	-27.0288911	-0.00416	0.0358	6.22
1404	翼宿 16	327.00	110.75	4162	179041	7933		Hya	159.3071854	-27.4126342	-0.00849	0.0215	4.88
1405	翼宿 17	333.00	111.00	4334	179577	8259	b	Hya	167.1833308	-28.0806706	-0.00552	-0.0222	5.43
1406	翼宿 18	338.75	110.75	4444	179968	8495	a	Hya	173.0683496	-29.2610225	-0.00155	0.1444	5.64
1407	翼宿 19	342.50	110.75	4532	180208	8667		Hya	177.1878442	-26.7497772	-0.00260	-0.0097	5.11
1408	翼宿 20	337.25	107.50	4428	179935	8465		Crt	172.4109000	-24.4640111	-0.00364	0.0194	5.82
1409	翼宿 21	333.00	109.00	4314	179514	8224	χ 1	Hya	166.3329475	-27.2936122	-0.01431	-0.0069	4.93
1410	翼宿 22	331.00	108.00	4145	178979	7893	44	Hya	158.5036854	-23.7451647	-0.00076	0.0212	5.07
1411	東甌 1	333.50	135.00	4390	238986	8388	π	Cen	170.2516950	-54.4910192	-0.00405	-0.0022	3.89
1412	東甌 2	331.25	130.25	4350	222639	8294		Cen	168.1377383	-49.1009961	-0.01011	0.0337	5.37
1413	東甌 3	325.00	130.50	4216	222321	8042	μ	Vel	161.6924092	-49.4202553	0.00641	-0.0536	2.72
1414	東甌 4	321.25	134.50	4134	238146	7868		Vel	157.8409254	-53.7154836	-0.04717	0.2095	4.90
1415	東甌 5	317.50	129.50	3976	221773	7576		Vel	151.5467163	-47.3699947	-0.00107	-0.0535	5.09
1416	軫宿 1	353.50	98.23	4757	157323	9077	7 δ	Crv	187.4660642	-16.5154325	-0.01460	-0.1393	2.97
1417	軫宿 2	348.00	98.00	4662	157176	8923	4 γ	Crv	183.9515425	-17.5419294	-0.01116	0.0223	2.59
1418	軫宿 3	348.00	103.50	4630	180531	8864	2 ϵ	Crv	182.5311696	-22.6197664	-0.00517	0.0106	3.01
1419	軫宿 4	354.25	102.25	4786	180915	9129	9 β	Crv	188.5968108	-23.3967592	0.00006	-0.0560	2.66
1420	右轄	347.25	106.00	4623	180505	8851	1 α	Crv	182.1034042	-24.7288756	0.00735	-0.0393	4.04
1421	左轄	354.50	96.00	4775	157345	9104	8 η	Crv	188.0176125	-16.1960075	-0.02946	-0.0584	4.31
1422	長沙	349.50	103.50	4696	180700	8973	5 ζ	Crv	185.1401733	-22.2159011	-0.00790	-0.0277	5.21
1423	青丘 1	354.25	112.50	4735	203477	9044		Hya	186.7153763	-32.8301208	-0.00045	-0.0301	5.57
1424	青丘 2	356.00	112.50	4774	203567	9105		Hya	188.0182842	-32.5337608	-0.00191	-0.0120	6.47
1425	青丘 3	357.25	110.50	4810	203666	9173		Hya	189.7644104	-30.4223872	-0.00299	-0.0156	5.86

No.	Name	$\alpha^{\circ}(400)$	$\delta^{\circ}(400)$	HR	SAO	SKY	FL/BA	Con	α (2000)	δ (2000)	ppm α	ppm β	Mg
1426	青丘 4	356.00	109.25	4839	181063	9222	e	Hya	191.0022113	-28.3239569	-0.00224	-0.0394	5.45
1427	青丘 5	354.75	108.50	4803	180965	9160	d	Hya	189.4261613	-27.1388878	0.00596	-0.0942	5.41
1428	青丘 6	353.50	110.00	4723	180786	9029		Hya	186.3267117	-27.7490022	0.00018	-0.0012	6.09
1429	青丘 7	353.75	111.25	0	203427	9010		Hya	185.9492838	-30.3354150	0.00079	-0.0123	6.40
1430	軍門 1	344.25	110.50	4558	180288	8713		Hya	178.6772479	-25.7138875	0.00362	0.0736	5.28
1431	軍門 2	345.25	113.00	4565	180307	8723		Hya	178.9172150	-28.4771028	0.00029	-0.0272	5.91
1432	器府 1	338.50	123.00	4508	202744	8619		Cen	175.8632804	-37.1901553	-0.00159	-0.0218	5.98
1433	器府 2	337.75	125.00	4453	222863	8509		Cen	173.4049983	-40.5866375	-0.00734	0.0271	5.41
1434	器府 3	338.00	128.00	4423	222813	8456		Cen	172.1461654	-42.6742028	-0.00314	0.0063	5.14
1435	器府 4	339.00	132.25	4462	222883	8518		Cen	173.7368779	-49.1364903	-0.01757	0.1881	5.50
1436	器府 5	341.25	134.25	4582	239548	8766		Cen	179.7952617	-51.6967608	-0.00166	-0.0052	6.03
1437	器府 6	342.25	134.25	4621	239689	8849	δ	Cen	182.0895825	-50.7224256	-0.00501	-0.0064	2.58
1438	器府 7	345.00	134.00	4638	239737	8883	ρ	Cen	182.9129629	-52.3684603	-0.00460	-0.0184	3.96
1439	器府 8	347.00	134.00	4732	239948	9039	G	Cen	186.6323296	-51.4506353	-0.00332	-0.0098	4.82
1440	器府 9	348.25	134.00	4743	223454	9061	σ	Cen	187.0099250	-50.2306350	-0.00339	-0.0124	3.91
1441	器府 10	349.25	132.50	4782	223516	9126		Cen	188.4962804	-49.9098103	-0.01710	-0.0482	6.39
1442	器府 11	351.25	132.00	4819	223603	9192	γ	Cen	190.3793275	-48.9598883	-0.01902	-0.0012	2.18
1443	器府 12	351.75	130.00	4802	223560	9159	τ	Cen	189.4256808	-48.5413039	-0.01879	-0.0065	3.85
1444	器府 13	353.00	125.50	4906	223760	9336		Cen	193.8309642	-42.9157322	-0.00344	-0.0126	5.46
1445	器府 14	353.00	123.50	4889	203907	9306	n	Cen	193.3591633	-40.1788717	0.00608	-0.0218	4.27
1446	器府 15	351.00	123.50	4817	203681	9180	l	Cen	189.9688729	-39.9873025	-0.00366	-0.0249	4.64
1447	器府 16	349.00	123.50	4796	203621	9146		Cen	189.0042983	-39.8695053	-0.00486	-0.0240	5.79
1448	器府 17	347.00	123.25	4748	203508	9064	u	Cen	187.0936013	-39.0411719	-0.00246	-0.0140	5.46
1449	器府 18	345.00	123.25	4648	203250	8899		Cen	183.3543196	-38.9291878	-0.00249	-0.0117	5.77
1450	器府 19	341.25	123.00	4557	202926	8711		Cen	178.6075592	-37.7489347	-0.02791	0.0572	6.46
1451	器府 20	341.00	125.00	4523	223020	8649		Cen	176.6294667	-40.5003539	-0.13428	0.4035	4.89
1452	器府 21	344.50	125.00	4600	223193	8804		Cen	180.9148771	-42.4340567	0.02923	-0.1108	5.16
1453	器府 22	347.00	125.25	4658	223309	8919		Cen	183.8768717	-41.9132783	-0.03025	-0.1809	6.24
1454	器府 23	349.00	125.50	4721	223426	9023		Cen	186.2854929	-42.5143122	-0.01216	-0.0223	6.11
1455	器府 24	351.25	125.50	4794	223542	9143		Cen	188.9397150	-41.0219447	-0.00948	0.0011	5.12
1456	器府 25	351.25	128.00	4818	223601	9190		Cen	190.3457717	-46.1455814	-0.00683	0.0600	5.83
1457	器府 26	349.00	127.75	4788	223527	9131		Cen	188.6766429	-44.6730178	-0.00711	-0.2062	5.77
1458	器府 27	347.00	127.75	4652	223297	8904	D	Cen	183.5112396	-45.7239194	-0.00336	0.0044	5.31
1459	器府 28	344.25	127.50	4546	223062	8686	B	Cen	177.7862154	-45.1734706	-0.00685	-0.0086	4.46
1460	器府 29	341.00	127.50	4519	223009	8644		Cen	176.4332033	-45.6901339	-0.00398	0.0048	5.28
1461	器府 30	341.25	132.00	4516	222997	8638		Cen	176.3026496	-49.0698431	-0.00234	0.0109	6.26
1462	器府 31	344.00	132.00	4620	223235	8847	E	Cen	182.0613017	-48.6924875	-0.00197	-0.0070	5.34
1463	器府 32	347.00	132.00	4734	223443	9043		Cen	186.7005913	-48.9131908	-0.06513	-0.0792	6.26
1464	土司空 1	346.50	114.25	4469	202622	8539		Hya	174.1456038	-33.5700572	0.00235	-0.0340	5.71
1465	土司空 2	347.50	115.25	4494	202695	8584	o	Hya	175.0532879	-34.7446597	-0.00357	-0.0018	4.70
1466	土司空 3	347.50	111.75	4503	202717	8607		Hya	175.4331192	-32.4994036	-0.00044	-0.0334	5.21
1467	土司空 4	348.75	113.75	4552	202901	8701	β	Hya	178.2271688	-33.9081244	-0.00466	0.0024	4.29
1468	古軒轅 1	304.25	55.50										
1469	古軒轅 2	303.50	54.00										
1470	古軒轅 3	303.50	51.25										
1471	古軒轅 4	301.25	50.00	3705	61414	7059	40 α	Lyn	140.2637554	34.3925619	-0.01800	0.0148	3.13
1472	古軒轅 5	299.00	48.50	3690	61391	7030	38	Lyn	139.7110150	36.8025967	-0.00272	-0.1238	3.82
1473	古軒轅 6	297.00	46.50	3612	61254	6879		Lyn	136.6323621	38.4522153	-0.00242	-0.0143	4.56
1474	古軒轅 7	295.00	45.75	3546	42611	6771		Lyn	134.1271488	40.2014742	-0.00714	-0.0383	5.90
1475	古軒轅 8	296.00	43.50	3579	42642	6828		Lyn	135.1598779	41.7829111	-0.04360	-0.2193	3.97

Note

Ver.1 Shinobu Takesako (takesako@mrj.biglobe.ne.jp)

- 1) $\alpha^{\circ}(400)$: Chinese degree (max.366 degree, not 365.25) from line of Jiao xiu角宿.
- 2) $\delta^{\circ}(400)$: Chinese degree (max 183 degree) from the north pole.
- 3) SKY : SKY2000 Master Catalog ,Ver.5 edited by Author :(refer to http://www.kotenmon.com/star/catalog/sky2kv5_1.html)
- 4) The current data is from SKY2000 MasterCatalog, Version 5
- 5) ppm α (s/year) ,ppm δ ("/year)