100 Doubles in the Sky

AN OBSERVING PROGRAM

based on The Astronomical League Double Star Club Observing List

and promoted by

The Spirit of 33

An International Network of Double Stars Observers

observing manual from the work of

A.L.P.A.

Associazione del Libero Pensiero Astronomico

Ravenna – Italy

maps from the astronomical software SkymapPro6 – courtesy Chris Marriot

**

2000 Edition

THE LIST

Star	Con	RA (2000) hh:mm	Dec (2000) ° '	mag	sep. "	PA °	Page	Chk
η	Cas	00:49.1	+57d49	3.4/7.5	12	307	5	
65	Psc	00:49.9	+27d43	6.3/6.3	4.4	297	6	
ψ^1	Psc	01:05.6	+21d28	5.6/5.8	30.0	159	7	
ζ	Psc	01:13.7	+07d35	5.6/6.5	23	63	8	
γ	Ari	01:53.5	+19d18	4.8/4.8	7.8	0	9	
λ	Ari	01:57.9	+23d36	4.9/7.7	37	46	10	
α	Psc	02:02.0	+02d46	4.2/5.1	1.7	50	11	
γ	And	02:03.9	+42d20	2.3/5.5	9.8	63	12	
6	Tri	02:12.4	+30d18	5.3/6.9	3.9	71	13	
α	UMi	02:31.8	+89d16	2.0/9.0	18.4	218	14	
γ	Cet	02:43.3	+03d14	3.5/7.3	2.8	294	15	
η	Per	02:50.7	+55d54	3.8/8.5	28.3	300	16	
Σ 331	Per	03:00.9	+52d21	5.3/6.7	12.1	85	17	
32	Eri	03:54.3	-02d57	4.8/6.1	6.8	347	18	
χ	Tau	04:22.6	+25d38	5.5/7.6	19.4	24	19	
1	Cam	04:32.0	+53d55	5.7/6.8	10.3	308	20	
55	Eri	04:43.6	-08d48	6.7/6.8	9.2	317	21	
β	Ori	0514.5	-08d12	0.1/6.8	9.5	202	22	
118	Tau	05:29.3	+25d09	5.8/6.6	4.8	204	23	
δ	Ori	05:32.0	+00d18	2.2/6.3	52.6	359	24	
Σ 747	Ori	05:35.0	-06d00	4.8/5.7	35.7	223	25	
λ	Ori	05:35.1	+09d56	3.6/5.5	4.4	43	26	
θ^1	Ori	05:35.3	-05d23	6.7/7.9/5.1/6.7	8.8/13/21.5	31/132/96	27	
ι	Ori	05:35.4	-05d55	2.8/6.9	11.3	141	28	
θ^2	Ori	05:35.4	-05d25	5.2/6.5	52	92	29	
σ	Ori	05:38.7	-02d36	4.0/7.5/6.5	12.9/43	84/61	30	
ζ	Ori	05:40.8	-01d57	1.9/4.0/9.9	2.4/58	162/10	31	
γ	Lep	05:44.5	-22d27	3.7/6.3	96	350	32	
θ	Aur	05:59.7	+37d13	2.6/7.1	3.6	313	33	
ε	Mon	06:23.8	+04d36	4.5/6.5	13.4	27	34	
β	Mon	06:28.8	-07d02	4.7/5.2	7.3	132	35	
12	Lyn	06:46.2	+59d27	5.4/7.3	8.7	308	36	
ε	CMa	06:58.6	-28d58	1.5/7.4	7.5	161	37	
δ	Gem	07:20.1	+21d59	3.5/8.2	6.8	211	38	
19	Lyn	07:22.9	+55d17	5.6/6.5	14.8	315	39	
α	Gem	07:34.6	+31d53	1.9/2.9	2.2	171	40	
κ	Pup	07:38.8	-26d48	4.5/4.7	9.9	318	4`	
ζ	Cnc	08:12.2	+17d39	5.6/6.0	5.9	89	42	
ι	Cnc	08:46.7	+28d46	4.2/6.6	30	307	43	
38	Lyn	09:18.8	+36d48	3.9/6.6	2.7	229	44	
α	Leo	10:08.4	+11d58	1.4/7.7	177	307	45	

γ	Leo	10:20.0	+19d51	2.2/3.5	4.4	122	46	
54	Leo	10:55.6	+24d45	4.5/6.3	6.5	110	47	
N	Hya	11:32.3	-29d16	5.8/5.9	9.2	210	48	
δ	Crv	12:29.9	-16d31	3.0/9.2	24.2	214	49	
24	Com	12:35.1	+18d23	5.2/6.7	20.3	271	50	
γ	Vir	12:41.7	-01d27	3.5/3.5	3.6	293	51	
32	Cam	12:49.2	+83d25	5.3/5.8	21.6	326	52	
α	CVn	12:56.0	+38d19	2.9/5.5	19.4	229	53	
ζ	UMa	13:23.9	+54d56	2.3/4.0/4.0	14.4/709	152/71	54	
κ	Boo	14:13.5	+51d47	4.6/6.6	13.4	236	55	
ι	Boo	14:16.2	+51d22	4.9/7.5	38	33	56	
π	Boo	14:40.7	+16d25	4.9/5.8	5.6	108	57	
ε	Boo	14:45.0	+27d04	2.5/4.9	2.8	339	58	
α	Lib	14:50.9	-16d02	2.8/5.2	231	314	59	
ξ	Boo	14:51.4	+19d06	4.7/7.0	6.9	332	60	
δ	Boo	15:15.5	+33d19	3.5/8.7	105	79	61	
μ	Boo	15:24.5	+37d23	4.3/7.0	108	171	62	
δ	Ser	15:34.8	+10d32	4.2/5.2	3.9	178	63	
ζ	CrB	15:39.4	+36d38	5.1/6.0	6.3	305	64	
ξ	Sco	16:04.4	-11d22	4.8/7.3	7.6	51	65	
Σ 1999	Sco	16:04.4	-11d27	7.4/8.1	11.6	99	66	
β	Sco	16:05.4	-19d48	2.6/4.9	13.6	21	67	
κ	Her	16:08.1	+17d03	5.3/6.5	28	12	68	
ν	Sco	16:12.0	-19d28	4.3/6.4	41	337	69	
σ	CrB	16:14.7	+33d52	5.6/6.6	6.2	233	70	
16/17	Dra	16:36.2	+52d55	5.4/6.4/5.5	3.4/90	108/194	71	
μ	Dra	17:05.3	+54d28	5.7/5.7	2.0	42	72	
α	Her	17:14.6	+14d23	3.5/5.4	4.7	107	73	
δ	Her	17:15.0	+24d50	3.1/8.2	8.9	236	74	
36	Oph	17:15.3	-26d36	5.1/5.1	4.4	154	75	
ο	Oph	17:18.0	-24d17	5.4/6.9	10.3	355	76	
ρ	Her	17:23.7	+37d09	4.6/5.6	4.1	316	77	
ν	Dra	17:32.2	+55d11	4.9/4.9	62	312	78	
ψ	Dra	17:41.9	+72d09	4.9/6.1	30.3	15	79	
40/41	Dra	18:00.2	+80d00	5.7/6.1	19.3	232	80	
95	Her	18:01.5	+21d36	5.0/5.1	6.3	258	81	
70	Oph	18:05.5	+02d30	4.2/6.0	2.8	72	82	
ε	Lyr	18:44.3	+39d40	5.0/6.1/5.2/5.5	208/2.6/2.3	357/173/94	83	
ζ	Lyr	18:44.8	+37d36	4.3/5.9	44	150	84	
β	Lyr	18:50.1	+33d22	3.4/8.6	46	149	85	
Σ 2404	Aql	18:50.8	+10d59	6.9/8.1	3.6	183	86	
OΣ 525	Lyr	18:54.9	+33d58	6.0/7.7	45	350	87	
θ	Ser	18:56.2	+04d12	4.5/5.4	22.3	104	88	
β	Cyg	19:30.7	+27d58	3.1/5.1	34.4	54	89	
57	Aql	19:54.6	-08d14	5.8/6.5	36	170	90	
31	Cyg	20:13.6	+46d44	3.8/6.7/4.8	107/337	173/323	91	
α	Cap	20:18.1	-12d33	3.6/4.2	378	291	92	
β	Cap	20:21.0	-14d47	3.4/6.2	206	267	93	
γ	Del	20:46.7	+16d07	4.5/5.5	9.6	268	94	

61	Cyg	21:06.9	+38d45	5.2/6.0	28	146	95	
β	Cep	21:28.7	+70d34	3.2/7.9	13.3	249	96	
Σ 2816	Cep	21:39.0	+57d29	5.6/7.7/7.8	11.7/20	121/339	97	
ε	Peg	21:44.2	+09d52	2.4/8.4	142	320	98	
ξ	Cep	22:03.8	+64d38	4.4/6.5	7.7	277	99	
ζ	Aqr	22:28.8	+00d01	4.3/4.5	1.8	266	100	
δ	Cep	22:29.2	+58d25	3.9/6.3	41	192	101	
8	Lac	22:35.9	+39d38	5.7/6.5	22.4	186	102	
94	Aqr	23:19.1	-13d28	5.3/7.3	12.7	350	103	
σ	Cas	23:59.0	+55d45	5.0/7.1	3	326	104	