

Objet		Magnitudes et taille						Hauteur et éphémérides					Coordonnées	
X	Constellation	Nom	Type	Mag	Mag S	X	Y	h	% h	Lever	Coucher	Culmine	AD	Dec
	Aigle	**..11-Aigle248	Etoile double	5,32	9,3	0	19,6	59 °	100%	15:57:24	05:54:50	22:56:07	18:59:05	+13°37'21"
	Aigle	**..15-Aigle245	Etoile double	5,52	6,98	0	39,1	41 °	100%	17:13:24	04:50:32	23:01:58	19:04:57	-04°01'53"
	Aigle	**..23-Aigle246	Etoile double	5,28	8,29	0	3	46 °	99%	17:07:08	05:23:53	23:15:31	19:18:32	+01°05'07"
	Aigle	**..28-Aigle250	Etoile double	5,55	9,02	0	59,7	57 °	99%	16:23:11	06:10:04	23:16:37	19:19:39	+12°22'29"
	Aigle	**..31-Aigle256	Etoile double	5,24	10,3	0	78,8	56 °	98%	16:30:18	06:13:33	23:21:56	19:24:58	+11°56'40"
	Aigle	**..57-Aigle279	Etoile double	5,65	6,35	0	35,7	35 °	97%	18:19:28	05:23:32	23:51:30	19:54:37	-08°13'38"
	Aigle	**..5-Aigle281	Etoile double	5,88	7,02	0	12,5	45 °	100%	16:43:03	04:44:01	22:43:32	18:46:28	-00°57'42"
	Aigle	**..71-Aigle247	Etoile double	4,32	11	0	35,5	37 °	92%	18:35:11	06:35:00	00:35:06	20:38:20	-01°06'19"
	Aigle	**..Chi-Aigle249	Etoile double	5,77	6,57	0	0,4	55 °	97%	16:48:20	06:30:37	23:39:29	19:42:34	+11°49'36"
	Andromède	**..55-Andromède518	Etoile double	5,4	10,9	0	59,6	16 °	23%	19:53:39	15:44:43	05:49:11	01:53:17	+40°43'47"
	Andromède	**..ALMAAK513	Etoile double	2,31	5,02	0	9,5	16 °	21%	19:40:36	16:18:56	05:59:46	02:03:54	+42°19'47"
	Andromède	**..ALMAAK754	Etoile double	5,1	6,3	0	0,4	16 °	21%	19:40:36	16:18:56	05:59:46	02:03:54	+42°19'47"
	Andromède	**..Gam-Andromède516	Etoile double	2,31	5,02	0	9,5	16 °	21%	19:40:36	16:18:56	05:59:46	02:03:54	+42°19'51"
	Andromède	**..Gam-Andromède517	Etoile double	5,1	6,3	0	0,4	16 °	21%	19:40:36	16:18:56	05:59:46	02:03:54	+42°19'51"
	Andromède	**..Ome-Andromède519	Etoile double	5	10,4	0	92,8	23 °	26%	05:25:35	05:25:35	05:25:35	01:27:39	+45°24'24"
	Andromède	**..Phi-Andromède514	Etoile double	4,59	5,61	0	0,5	26 °	29%	05:07:29	05:07:29	05:07:29	01:09:30	+47°14'31"
	Andromède	**..Pi-Andromède515	Etoile double	4,32	7,08	0	36	23 °	38%	19:45:30	13:20:27	04:32:59	00:36:52	+33°43'10"
	Balance	**..12-Balance642	Etoile double	5,84	8,57	0	63,9	05 °	82%	14:32:47	23:07:21	18:50:04	14:54:20	-24°38'32"
	Balance	**..18-Balance641	Etoile double	5,87	9,9	0	19,7	16 °	80%	13:36:18	00:16:51	18:56:34	14:58:53	-11°08'39"
	Balance	**..Iot-Balance657	Etoile double	4,53	10,87	0	57,3	11 °	83%	14:26:57	23:48:51	19:07:54	15:12:13	-19°47'30"
	Balance	**..Mu-Balance643	Etoile double	5,61	6,62	0	1,9	12 °	79%	13:39:12	23:50:56	18:45:04	14:49:19	-14°08'56"
	Balance	**..Ups-Balance640	Etoile double	3,58	10,8	0	3,5	07 °	88%	15:34:23	23:30:53	19:32:38	15:37:01	-28°08'06"
	Bélier	**..10-Bélier232	Etoile double	5,82	7,87	0	1,1	04 °	26%	22:01:55	13:57:08	05:59:31	02:03:39	+25°56'08"
	Bélier	**..14-Bélier277	Etoile double	4,99	8,01	0	93,2	03 °	25%	22:07:40	14:02:53	06:05:16	02:09:25	+25°56'23"
	Bélier	**..Gam-Bélier274	Etoile double	4,52	4,58	0	7,4	00 °	29%	22:25:29	13:13:21	05:49:25	01:53:31	+19°17'45"
	Bélier	**..Lam-Bélier292	Etoile double	4,8	6,65	0	36,7	03 °	27%	22:08:45	13:38:51	05:53:48	01:57:55	+23°35'46"
	Bélier	**..Mesarthim270	Etoile double	4,52	4,58	0	7,4	00 °	29%	22:25:29	13:13:21	05:49:25	01:53:31	+19°17'37"
	Bouvier	**..15-Bouvier200	Etoile double	5,44	8,43	0	0,7	25 °	66%	11:28:34	00:56:42	18:12:38	14:14:50	+10°06'02"
	Bouvier	**..1-Bouvier201	Etoile double	5,76	9,6	0	4,5	25 °	56%	10:11:30	01:05:38	17:38:34	13:40:40	+19°57'20"
	Bouvier	**..44-Bouvier208	Etoile double	5,2	6,1	0	2	54 °	61%	18:59:29	18:59:29	18:59:29	15:03:47	+47°39'16"
	Bouvier	**..45-Bouvier219	Etoile double	5,81	10	0	57,4	44 °	71%	11:13:10	02:56:46	19:04:58	15:07:18	+24°52'09"
	Bouvier	**..Asellus Secundus230	Etoile double	4,76	7,39	0	38,7	47 °	54%	18:11:59	18:11:59	18:11:59	14:16:09	+51°22'02"
	Bouvier	**..Asellus Tertius207	Etoile double	4,53	6,62	0	13,5	47 °	54%	18:09:20	18:09:20	18:09:20	14:13:29	+51°47'25"
	Bouvier	**..Eps-Bouvier198	Etoile double	2,58	4,81	0	2,9	41 °	65%	10:38:43	02:46:42	18:42:43	14:44:59	+27°04'30"
	Bouvier	**..IZAR205	Etoile double	2,58	4,81	0	2,9	41 °	65%	10:38:43	02:46:42	18:42:43	14:44:59	+27°04'27"
	Bouvier	**..Pi -Bouvier199	Etoile double	4,88	5,79	0	5,5	34 °	69%	11:27:35	01:49:20	18:38:27	14:40:43	+16°25'06"
	Bouvier	**..Pi -Bouvier206	Etoile double	4,88	5,79	0	5,5	34 °	69%	11:27:35	01:49:20	18:38:27	14:40:43	+16°25'04"
	Bouvier	**..Xi-Bouvier203	Etoile double	4,76	6,95	0	6,5	37 °	70%	11:26:01	02:12:10	18:49:05	14:51:23	+19°06'04"
	Bouvier	**..Zet-Bouvier202	Etoile double	4,46	4,55	0	0,7	32 °	70%	11:39:44	01:38:01	18:38:52	14:41:08	+13°43'42"
	Bouvier	**..Zet-Bouvier204	Etoile double	4,46	4,55	0	0,7	32 °	70%	11:39:44	01:38:01	18:38:52	14:41:08	+13°43'42"
	Capricorne	**..Chi-Capricorne388	Etoile double	5,28	11	0	69,8	16 °	90%	20:28:53	05:41:34	01:05:14	21:08:33	-21°11'37"
	Capricorne	**..Eps-Capricorne344	Etoile double	4,49	10,11	0	67,2	14 °	87%	20:49:13	06:18:07	01:33:40	21:37:04	-19°27'58"
	Capricorne	**..Omi-Capricorne345	Etoile double	5,91	6,68	0	21,6	22 °	94%	19:38:11	05:15:09	00:26:40	20:29:53	-18°34'60"
	Capricorne	**..Pi-Capricorne354	Etoile double	5,13	8,53	0	3,2	23 °	95%	19:33:58	05:14:14	00:24:06	20:27:19	-18°12'42"
	Capricorne	**..Prima Giedi346	Etoile double	4,24	9,6	0	46	29 °	95%	18:59:48	05:29:06	00:14:27	20:17:38	-12°30'30"
	Capricorne	**..Prima Giedi347	Etoile double	4,44	8,6	0	0,6	29 °	95%	18:59:48	05:29:06	00:14:27	20:17:38	-12°30'30"
	Capricorne	**..Rho-Capricorne377	Etoile double	4,97	6,88	0	1,3	23 °	94%	19:33:43	05:17:34	00:25:38	20:28:51	-17°48'49"
	Capricorne	**..Sig-Capricorne343	Etoile double	5,43	9,43	0	56,3	22 °	95%	19:30:13	05:02:11	00:16:12	20:19:23	-19°07'07"
	Capricorne	**..Tau-Capricorne379	Etoile double	5,38	7,31	0	0,4	25 °	93%	19:31:40	05:40:23	00:36:01	20:39:16	-14°57'17"

Cassiopée	**21-Cassiopée383	Etoile double	5,66	10,57	0	35,9	42 °	42%	04:43:42	04:43:42	04:43:42	00:45:39	+74°59'17"
Cassiopée	**44-Cassiopée384	Etoile double	5,77	10,96	0	68,3	30 °	26%	05:41:13	05:41:13	05:41:13	01:43:19	+60°33'04"
Cassiopée	**47-Cassiopée371	Etoile double	5,4	9,5	0	97,9	38 °	27%	06:02:57	06:02:57	06:02:57	02:05:07	+77°16'53"
Cassiopée	**48-Cassiopée390	Etoile double	4,65	6,74	0	0,8	35 °	26%	05:59:48	05:59:48	05:59:48	02:01:57	+70°54'25"
Cassiopée	**4-Cassiopée303	Etoile double	5,16	9,88	0	96,6	46 °	53%	03:23:06	03:23:06	03:23:06	23:24:50	+62°16'58"
Cassiopée	**53-Cassiopée382	Etoile double	5,26	9,5	0	42,5	31 °	24%	06:00:50	06:00:50	06:00:50	02:03:00	+64°23'24"
Cassiopée	**6-Cassiopée367	Etoile double	5,66	7,95	0	1,4	43 °	48%	03:47:02	03:47:02	03:47:02	23:48:50	+62°12'52"
Cassiopée	**6-Cassiopée368	Etoile double	5,66	10,19	0	62,3	43 °	48%	03:47:02	03:47:02	03:47:02	23:48:50	+62°12'52"
Cassiopée	**9-Cassiopée374	Etoile double	5,92	11	0	82,3	42 °	45%	04:02:23	04:02:23	04:02:23	00:04:13	+62°17'16"
Cassiopée	**Achird314	Etoile double	3,52	7,36	0	13	35 °	35%	04:47:08	04:47:08	04:47:08	00:49:06	+57°48'57"
Cassiopée	**Achird385	Etoile double	3,52	10,15	0	91,8	35 °	35%	04:47:08	04:47:08	04:47:08	00:49:06	+57°48'57"
Cassiopée	**Eps-Cassiopée373	Etoile double	5,8	8,9	0	45,9	31 °	25%	05:52:15	05:52:15	05:52:15	01:54:23	+63°40'12"
Cassiopée	**Gam-Cassiopée372	Etoile double	2,2	10,9	0	2,3	35 °	35%	04:54:43	04:54:43	04:54:43	00:56:42	+60°43'00"
Cassiopée	**Iot-Cassiopée376	Etoile double	4,63	9,05	0	7,4	31 °	21%	06:26:50	06:26:50	06:26:50	02:29:04	+67°24'09"
Cassiopée	**Iot-Cassiopée381	Etoile double	4,63	6,92	0	2,8	31 °	21%	06:26:50	06:26:50	06:26:50	02:29:04	+67°24'09"
Cassiopée	**Lam-Cassiopée375	Etoile double	5,33	5,62	0	0,4	35 °	37%	04:29:51	04:29:51	04:29:51	00:31:46	+54°31'20"
Cassiopée	**Marfak340	Etoile double	5,17	10,7	0	1,4	31 °	31%	05:06:15	05:06:15	05:06:15	01:08:16	+54°55'13"
Cassiopée	**Psi-Cassiopée366	Etoile double	4,68	10	0	22,4	36 °	32%	05:23:52	05:23:52	05:23:52	01:25:56	+68°07'48"
Cassiopée	**Psi-Cassiopée378	Etoile double	4,68	9,18	0	22,1	36 °	32%	05:23:52	05:23:52	05:23:52	01:25:56	+68°07'48"
Cassiopée	**SHEDIR352	Etoile double	5,5	10,4	0	88,6	35 °	36%	04:38:34	04:38:34	04:38:34	00:40:30	+56°32'14"
Cassiopée	**SHEDIR370	Etoile double	2,35	8,98	0	69,5	35 °	36%	04:38:34	04:38:34	04:38:34	00:40:30	+56°32'14"
Cassiopée	**Sig-Cassiopée369	Etoile double	4,99	7,24	0	2,4	40 °	44%	03:57:11	03:57:11	03:57:11	23:59:00	+55°45'18"
Cassiopée	**Xi-Cassiopée380	Etoile double	5,7	10,2	0	12,8	32 °	34%	04:40:07	04:40:07	04:40:07	00:42:03	+50°30'45"
Céphée	**13-Céphée338	Etoile double	5,64	6,42	0	17,7	57 °	69%	01:53:24	01:53:24	01:53:24	21:54:53	+56°36'41"
Céphée	**19-Céphée297	Etoile double	5,11	10,79	0	56,4	55 °	70%	02:03:37	02:03:37	02:03:37	22:05:08	+62°16'48"
Céphée	**Alfirk305	Etoile double	3,17	8,63	0	13,2	56 °	81%	01:27:14	01:27:14	01:27:14	21:28:39	+70°33'39"
Céphée	**Alkurhah328	Etoile double	4,45	6,4	0	7,8	55 °	71%	02:02:17	02:02:17	02:02:17	22:03:47	+64°37'40"
Céphée	**Del-Céphée298	Etoile double	4,21	6,11	0	40,5	52 °	63%	02:27:35	02:27:35	02:27:35	22:29:10	+58°24'55"
Céphée	**Eps-Céphée299	Etoile double	5,24	10,5	0	71,8	54 °	65%	02:13:30	02:13:30	02:13:30	22:15:02	+57°02'37"
Céphée	**Garnet Star300	Etoile double	5,73	7,48	0	11,7	58 °	73%	01:42:03	01:42:03	01:42:03	21:43:30	+58°46'48"
Céphée	**Garnet Star330	Etoile double	5,73	7,53	0	19,7	58 °	73%	01:42:03	01:42:03	01:42:03	21:43:30	+58°46'48"
Céphée	**Kap-Céphée294	Etoile double	4,39	8,34	0	7,2	55 °	95%	00:07:41	00:07:41	00:07:41	20:08:53	+77°42'41"
Céphée	**Nu-Céphée339	Etoile double	6	9,5	0	17,6	58 °	73%	01:43:59	01:43:59	01:43:59	21:45:26	+61°07'15"
Céphée	**Omi-Céphée296	Etoile double	4,97	7,28	0	3,4	47 °	57%	03:16:54	03:16:54	03:16:54	23:18:37	+68°06'42"
Céphée	**Pi-Céphée295	Etoile double	4,61	6,8	0	1,1	48 °	63%	03:06:12	03:06:12	03:06:12	23:07:53	+75°23'15"
Chevelure de Berenice	**12-Chevelure de Ber	Etoile double	4,86	8,9	0	65,2	15 °	39%	08:23:33	00:17:40	16:20:37	12:22:30	+25°50'46"
Chevelure de Berenice	**24-Chevelure de Ber	Etoile double	5,11	6,33	0	19,9	13 °	44%	09:13:31	23:48:57	16:31:14	12:35:07	+18°22'37"
Chevelure de Berenice	**35-Chevelure de Ber	Etoile double	5	9,76	0	28,7	18 °	46%	09:18:04	00:24:34	16:51:19	12:53:17	+21°14'42"
Chevelure de Berenice	**35-Chevelure de Ber	Etoile double	5,15	7,08	0	1	18 °	46%	09:18:04	00:24:34	16:51:19	12:53:17	+21°14'42"
Chevelure de Berenice	**Bet-Chevelure de Be	Etoile double	4,26	10,1	0	85,8	25 °	47%	09:01:12	01:18:29	17:09:51	13:11:52	+27°52'41"
Chevelure de Berenice	**Diadem	Etoile double	5	5	0	0,6	18 °	51%	09:52:10	00:23:46	17:07:58	13:09:59	+17°31'46"
Chevelure de Berenice	**Diadem322	Etoile double	5,2	10,2	0	88,7	18 °	51%	09:52:10	00:23:46	17:07:58	13:09:59	+17°31'46"
Chiens de Chasse	**19-Chiens de Chasse	Etoile double	5,87	9,48	0	0,5	33 °	42%	07:16:12	03:10:48	17:13:30	13:15:32	+40°51'19"
Chiens de Chasse	**25-Chiens de Chasse	Etoile double	4,98	6,95	0	1,7	34 °	48%	08:26:56	02:43:47	17:35:22	13:37:27	+36°17'42"
Chiens de Chasse	**2-Chiens de Chasse2	Etoile double	5,86	8,71	0	11,3	24 °	32%	06:19:35	02:08:54	16:14:15	12:16:07	+40°39'37"
Chiens de Chasse	**COR CAROLI226	Etoile double	2,85	5,52	0	19,1	29 °	40%	07:26:17	02:21:48	16:54:02	12:56:01	+38°19'06"
Cocher	**9-Cocher254	Etoile double	5,01	9,99	0	89,9	08 °	3%	09:04:00	09:04:00	09:04:00	05:06:40	+51°35'52"
Couronne Australe	**Gam-Couronne Austr	Etoile double	4,53	6,42	0	1,3	08 °	100%	20:05:04	02:01:48	23:03:26	19:06:25	-37°03'48"
Couronne Australe	**Gam-Couronne Austr	Etoile double	4,53	6,42	0	1,3	08 °	100%	20:05:04	02:01:48	23:03:26	19:06:25	-37°03'48"
Couronne Australe	**Kap-Couronne Austr	Etoile double	5,58	6,16	0	21,3	07 °	100%	19:47:24	01:13:34	22:30:29	18:33:23	-38°43'34"
Couronne Australe	**Lam-Couronne Austr	Etoile double	5,12	10,01	0	29,2	07 °	100%	19:53:55	01:27:45	22:40:50	18:43:46	-38°19'25"
Couronne Boréale	**Eta-Couronne Boréal	Etoile double	5,64	5,95	0	0,6	50 °	71%	10:57:17	03:44:21	19:20:49	15:23:12	+30°17'16"

	Couronne Boréale	**Gam-Couronne Boré	Etoile double	4,04	5,6	0	0,7	51 °	77%	11:40:45	03:39:51	19:40:18	15:42:44	+26°17'44"
	Couronne Boréale	**Nu -Couronne Boréa	Etoile double	5,39	10,2	0	99,7	62 °	81%	11:32:35	05:07:18	20:19:57	16:22:29	+33°42'13"
	Couronne Boréale	**Sig-Couronne Boréal	Etoile double	5,62	10,78	0	88,4	61 °	80%	11:23:39	05:00:38	20:12:09	16:14:40	+33°51'31"
	Couronne Boréale	**Sig-Couronne Boréal	Etoile double	5,62	6,49	0	7	61 °	80%	11:23:39	05:00:38	20:12:09	16:14:40	+33°51'31"
	Couronne Boréale	**The-Couronne Boréa	Etoile double	4,27	6,29	0	0,8	52 °	73%	10:59:56	04:01:05	19:30:31	15:32:55	+31°21'33"
	Couronne Boréale	**Ups-Couronne Boréa	Etoile double	5,79	10,44	0	86,9	59 °	82%	11:57:50	04:30:35	20:14:12	16:16:44	+29°09'01"
	Couronne Boréale	**Zet-Couronne Boréal	Etoile double	4,96	5,91	0	6,3	56 °	71%	10:25:24	04:48:29	19:36:57	15:39:22	+36°38'09"
	Cygne	**17-Cygne97	Etoile double	5,06	9,25	0	26,3	73 °	93%	14:55:50	08:30:48	23:43:19	19:46:25	+33°43'40"
	Cygne	**19-Cygne50	Etoile double	5,38	10,54	0	56,3	75 °	90%	14:15:31	09:19:24	23:47:27	19:50:34	+38°43'21"
	Cygne	**22-Cygne88	Etoile double	5,44	9,31	0	65,2	74 °	89%	14:23:14	09:22:13	23:52:44	19:55:51	+38°29'12"
	Cygne	**26-Cygne16	Etoile double	5,17	8,94	0	41,4	74 °	88%	00:00:11	00:00:11	00:00:11	20:01:21	+50°06'17"
	Cygne	**28-Cygne87	Etoile double	4,9	9,38	0	82	71 °	87%	14:52:53	09:19:37	00:06:15	20:09:25	+36°50'23"
	Cygne	**49-Cygne15	Etoile double	5,75	8,1	0	3	63 °	83%	16:00:39	09:14:55	00:37:47	20:41:02	+32°18'26"
	Cygne	**51-Cygne37	Etoile double	5,38	10,64	0	72,1	68 °	80%	00:40:55	00:40:55	00:40:55	20:42:12	+50°20'24"
	Cygne	**52-Cygne76	Etoile double	4,2	8,7	0	6,4	61 °	83%	16:16:02	09:08:45	00:42:23	20:45:39	+30°43'11"
	Cygne	**59-Cygne73	Etoile double	4,59	9,43	0	20,4	65 °	74%	00:58:29	00:58:29	00:58:29	20:59:49	+47°31'16"
	Cygne	**60-Cygne59	Etoile double	5,4	9,53	0	2,9	65 °	73%	00:59:50	00:59:50	00:59:50	21:01:10	+46°09'21"
	Cygne	**61-Cygne61	Etoile double	5,35	10,89	0	70,8	62 °	75%	15:31:28	10:35:42	01:03:35	21:06:54	+38°44'45"
	Cygne	**61-Cygne86	Etoile double	5,35	10,84	0	48	62 °	75%	15:31:28	10:35:42	01:03:35	21:06:54	+38°44'45"
	Cygne	**61-Cygne95	Etoile double	5,35	6,1	0	31,1	62 °	75%	15:31:28	10:35:42	01:03:35	21:06:54	+38°44'45"
	Cygne	**69-Cygne77	Etoile double	5,89	10,22	0	53,3	57 °	72%	16:10:34	10:34:16	01:22:25	21:25:47	+36°40'03"
	Cygne	**75-Cygne90	Etoile double	5,28	10,26	0	62,2	57 °	65%	14:59:58	12:13:35	01:36:46	21:40:11	+43°16'26"
	Cygne	**75-Cygne93	Etoile double	5,1	9,8	0	2,8	57 °	65%	14:59:58	12:13:35	01:36:46	21:40:11	+43°16'26"
	Cygne	**79-Cygne17	Etoile double	5,6	11	0	1,5	55 °	68%	16:12:35	11:07:25	01:40:00	21:43:25	+38°17'02"
	Cygne	**ALBIREO19	Etoile double	3,37	4,68	0	34,7	70 °	96%	15:18:32	07:36:48	23:27:40	19:30:43	+27°57'35"
	Cygne	**Del-Cygne18	Etoile double	2,89	6,27	0	2,6	78 °	87%	12:01:50	11:21:55	23:41:52	19:44:58	+45°07'51"
	Cygne	**Eta-Cygne14	Etoile double	3,89	10,5	0	45,8	72 °	90%	14:55:05	08:51:16	23:53:10	19:56:18	+35°04'60"
	Cygne	**Eta-Cygne75	Etoile double	4	10,5	0	48	72 °	90%	14:55:05	08:51:16	23:53:10	19:56:18	+35°04'60"
	Cygne	**Gienah Cygni89	Etoile double	4,94	10,03	0	10	63 °	82%	15:53:33	09:32:19	00:42:56	20:46:12	+33°58'13"
	Cygne	**Lam-Cygne84	Etoile double	4,73	6,26	0	0,9	64 °	80%	15:33:56	09:54:20	00:44:08	20:47:24	+36°29'27"
	Cygne	**Lam-Cygne94	Etoile double	4,76	9,65	0	83,4	64 °	80%	15:33:56	09:54:20	00:44:08	20:47:24	+36°29'27"
	Cygne	**Mu -Cygne81	Etoile double	4,75	6,18	0	1,8	50 °	73%	17:26:53	09:54:32	01:40:43	21:44:08	+28°44'34"
	Cygne	**Ome-Cygne91	Etoile double	4,95	9,4	0	55,9	70 °	81%	00:28:48	00:28:48	00:28:48	20:30:03	+48°57'06"
	Cygne	**Psi-Cygne85	Etoile double	5,03	7,52	0	2,9	75 °	90%	23:50:32	23:50:32	23:50:32	19:55:37	+52°26'20"
	Cygne	**Ruchba23	Etoile double	5,62	10,24	0	60,2	70 °	81%	00:30:03	00:30:03	00:30:03	20:31:18	+49°13'13"
	Cygne	**Sadr82	Etoile double	5,8	10,4	0	49,9	70 °	83%	14:29:28	10:08:35	00:19:01	20:22:13	+40°15'24"
	Cygne	**Sadr96	Etoile double	5,96	8,24	0	2,8	70 °	83%	14:29:28	10:08:35	00:19:01	20:22:13	+40°15'24"
	Cygne	**Tau-Cygne83	Etoile double	3,83	6,57	0	0,7	60 °	74%	15:46:34	10:36:19	01:11:27	21:14:47	+38°02'44"
	Cygne	**The-Cygne51	Etoile double	6	6,23	0	39,1	78 °	93%	23:31:24	23:31:24	23:31:24	19:36:26	+50°13'16"
	Cygne	**The-Cygne79	Etoile double	4,6	10,6	0	48,4	78 °	93%	23:31:24	23:31:24	23:31:24	19:36:26	+50°13'16"
	Cygne	**The-Cygne92	Etoile double	4,6	8,5	0	82,1	78 °	93%	23:31:24	23:31:24	23:31:24	19:36:26	+50°13'16"
	Cygne	**Ups-Cygne78	Etoile double	4,36	9,95	0	21,8	58 °	75%	16:17:58	10:11:10	01:14:34	21:17:55	+34°53'49"
	Cygne	**Ups-Cygne80	Etoile double	4,43	10	0	15,1	58 °	75%	16:17:58	10:11:10	01:14:34	21:17:55	+34°53'49"
	Cygne	**Zet-Cygne20	Etoile double	5,7	8,1	0	3,4	56 °	78%	16:46:30	09:32:42	01:09:36	21:12:56	+30°13'37"
	Cygne	**Zet-Cygne21	Etoile double	5,7	10,22	0	58,8	56 °	78%	16:46:30	09:32:42	01:09:36	21:12:56	+30°13'37"
	Cygne	**Zet-Cygne22	Etoile double	5,6	10	0	72,7	56 °	78%	16:46:30	09:32:42	01:09:36	21:12:56	+30°13'37"
	Dauphin	**13-Dauphin12	Etoile double	5,64	8,24	0	1,5	42 °	89%	18:16:55	07:12:09	00:44:32	20:47:48	+06°00'30"
	Dauphin	**Gam-Dauphin24	Etoile double	4,36	5,03	0	9,1	51 °	88%	17:33:50	07:52:56	00:43:23	20:46:39	+16°07'27"
	Dauphin	**Rotanev1	Etoile double	4,11	5,02	0	0,6	51 °	89%	17:31:27	07:37:10	00:34:19	20:37:33	+14°35'43"
	Dauphin	**Rotanev8	Etoile double	3,25	11	0	46	51 °	89%	17:31:27	07:37:10	00:34:19	20:37:33	+14°35'43"
	Dauphin	**Sualocin10	Etoile double	3,9	10,7	0	73,8	52 °	89%	17:27:48	07:44:59	00:36:23	20:39:38	+15°54'43"
	Dauphin	**Sualocin9	Etoile double	5,9	10,8	0	43,9	52 °	89%	17:27:48	07:44:59	00:36:23	20:39:38	+15°54'43"

Dragon	**17-Dragon35	Etoile double	5,38	6,42	0	3	69 °	83%	20:31:40	20:31:40	20:31:40	16:36:13	+52°55'28"
Dragon	**17-Dragon40	Etoile double	5,38	5,5	0	89,8	69 °	83%	20:31:40	20:31:40	20:31:40	16:36:13	+52°55'28"
Dragon	**26-Dragon44	Etoile double	5,28	8,54	0	1,6	70 °	96%	21:30:17	21:30:17	21:30:17	17:34:59	+61°52'30"
Dragon	**26-Dragon47	Etoile double	5,25	8,06	0	25,1	70 °	96%	21:30:17	21:30:17	21:30:17	17:34:59	+61°52'30"
Dragon	**39-Dragon3	Etoile double	5,06	7,95	0	90,4	75 °	100%	22:19:04	22:19:04	22:19:04	18:23:54	+58°48'02"
Dragon	**39-Dragon4	Etoile double	5,06	8,07	0	3,7	75 °	100%	22:19:04	22:19:04	22:19:04	18:23:54	+58°48'02"
Dragon	**41-Dragon5	Etoile double	5,7	6	0	18,6	54 °	99%	21:55:23	21:55:23	21:55:23	18:00:09	+80°00'15"
Dragon	**Arrakis6	Etoile double	5,66	5,69	0	2,1	72 °	89%	21:00:42	21:00:42	21:00:42	17:05:19	+54°28'13"
Dragon	**Dsiban42	Etoile double	4,6	5,59	0	30	61 °	98%	21:37:13	21:37:13	21:37:13	17:41:56	+72°08'56"
Dragon	**Eta-Dragon45	Etoile double	2,8	8,2	0	4,8	64 °	85%	20:19:28	20:19:28	20:19:28	16:23:59	+61°30'51"
Dragon	**Kuma11	Etoile double	4,87	4,9	0	63,4	75 °	94%	21:27:34	21:27:34	21:27:34	17:32:16	+55°10'23"
Dragon	**Mu-Dragon13	Etoile double	5,66	5,69	0	2,1	72 °	89%	21:00:42	21:00:42	21:00:42	17:05:19	+54°28'13"
Dragon	**Omi-Dragon41	Etoile double	4,77	8,26	0	36,5	75 °	100%	22:46:17	22:46:17	22:46:17	18:51:12	+59°23'18"
Dragon	**Phi-Dragon46	Etoile double	4,46	5,9	0	0,5	63 °	100%	22:15:55	22:15:55	22:15:55	18:20:45	+71°20'16"
Dragon	**Tyl43	Etoile double	4,01	6,87	0	3,2	62 °	96%	23:43:06	23:43:06	23:43:06	19:48:10	+70°16'04"
Ecu	**Del-Ecu429	Etoile double	4,73	10,56	0	52,3	37 °	100%	17:10:38	04:08:03	22:39:21	18:42:16	-09°03'09"
Flèche	**Eps-Flèche472	Etoile double	5,77	8,35	0	87,4	59 °	97%	16:23:11	06:45:14	23:34:13	19:37:17	+16°27'46"
Flèche	**Zet-Flèche471	Etoile double	5,04	9,01	0	8,3	61 °	95%	16:22:38	07:09:06	23:45:52	19:48:58	+19°08'32"
Flèche	**Zet-Flèche473	Etoile double	5,04	11	0	76,9	61 °	95%	16:22:38	07:09:06	23:45:52	19:48:58	+19°08'32"
Girafe	**1-Girafe237	Etoile double	5,78	6,82	0	10,5	12 °	5%	08:29:27	08:29:27	08:29:27	04:32:01	+53°54'39"
Girafe	**2-Girafe240	Etoile double	5,56	7,49	0	0,8	11 °	4%	08:37:23	08:37:23	08:37:23	04:39:58	+53°28'23"
Girafe	**4-Girafe239	Etoile double	5,37	9,49	0	0,6	13 °	4%	08:45:23	08:45:23	08:45:23	04:48:00	+56°45'26"
Girafe	**7-Girafe241	Etoile double	4,49	7,9	0	0,5	10 °	3%	08:54:39	08:54:39	08:54:39	04:57:17	+53°45'08"
Girafe	**Bet-Girafe238	Etoile double	4,12	7,44	0	83	16 °	3%	09:00:46	09:00:46	09:00:46	05:03:25	+60°26'32"
Grande Ourse	**23-Grande Ourse567	Etoile double	3,65	9,19	0	23,2	23 °	10%	13:28:08	13:28:08	13:28:08	09:31:31	+63°03'43"
Grande Ourse	**57-Grande Ourse570	Etoile double	5,35	10,67	0	5,5	16 °	25%	05:48:37	01:06:02	15:27:20	11:29:04	+39°20'13"
Grande Ourse	**62-Grande Ourse575	Etoile double	5,79	9,75	0	49,3	13 °	29%	07:06:36	00:12:59	15:39:48	11:41:34	+31°44'46"
Grande Ourse	**78-Grande Ourse571	Etoile double	5,02	7,88	0	1,3	39 °	42%	16:56:46	16:56:46	16:56:46	13:00:43	+56°21'59"
Grande Ourse	**Alula Australis565	Etoile double	4,33	4,8	0	1,7	09 °	26%	06:44:46	23:44:15	15:14:30	11:18:11	+31°31'45"
Grande Ourse	**Alula Borealis568	Etoile double	3,48	10,1	0	7,1	10 °	25%	06:34:00	23:55:35	15:14:47	11:18:28	+33°05'39"
Grande Ourse	**DUBHE576	Etoile double	2,02	4,95	0	0,4	29 °	23%	15:00:05	15:00:05	15:00:05	11:03:43	+61°45'03"
Grande Ourse	**MIZAR566	Etoile double	2,23	3,88	0	14,3	41 °	45%	17:19:54	17:19:54	17:19:54	13:23:55	+54°55'31"
Grande Ourse	**Sig-Grande Ourse57	Etoile double	4,87	8,85	0	3,9	25 °	8%	13:07:03	13:07:03	13:07:03	09:10:23	+67°08'05"
Grande Ourse	**Talitha561	Etoile double	3,1	9,2	0	4,5	07 °	6%	12:55:54	12:55:54	12:55:54	08:59:12	+48°02'30"
Grande Ourse	**Tania Australis569	Etoile double	6	10	0	1,7	10 °	15%	04:14:37	00:26:54	14:20:46	10:22:19	+41°29'58"
Grande Ourse	**Tau-Grande Ourse56	Etoile double	4,67	10,3	0	52,1	22 °	8%	13:07:35	13:07:35	13:07:35	09:10:55	+63°30'49"
Grande Ourse	M 40	Etoile double	9	8,74	0	0	35 °	35%	16:18:03	16:18:03	16:18:03	12:21:54	+58°05'60"
Hercule	**0-Hercule171	Etoile double	5,1	11	0	79,9	71 °	99%	14:06:33	06:03:26	22:04:59	18:07:49	+26°05'51"
Hercule	**0-Hercule183	Etoile double	5,81	5,84	0	14,2	71 °	99%	14:06:27	06:03:31	22:04:59	18:07:49	+26°06'05"
Hercule	**10-Hercule181	Etoile double	4,19	11	0	73	66 °	100%	15:12:52	06:12:35	22:42:43	18:45:39	+20°32'47"
Hercule	**37-Hercule157	Etoile double	5,76	6,92	0	69,6	43 °	92%	14:17:27	02:58:38	20:38:03	16:40:38	+04°13'11"
Hercule	**43-Hercule119	Etoile double	5,33	9,29	0	83,9	47 °	92%	14:05:22	03:21:04	20:43:13	16:45:49	+08°34'57"
Hercule	**52-Hercule174	Etoile double	4,84	8,45	0	2,2	71 °	81%	20:44:39	20:44:39	20:44:39	16:49:14	+45°58'60"
Hercule	**60-Hercule118	Etoile double	4,91	10,9	0	60,3	53 °	94%	14:07:44	03:57:41	21:02:43	17:05:22	+12°44'27"
Hercule	**68-Hercule173	Etoile double	4,8	10,2	0	4,2	71 °	91%	12:31:45	05:57:31	21:14:38	17:17:19	+33°06'00"
Hercule	**69-Hercule172	Etoile double	4,62	8,53	0	0,9	74 °	90%	11:57:25	06:32:32	21:14:58	17:17:40	+37°17'30"
Hercule	**90-Hercule179	Etoile double	5,28	8,76	0	1,5	81 °	95%	12:04:01	07:37:00	21:50:31	17:53:18	+40°00'29"
Hercule	**95-Hercule195	Etoile double	4,85	5,2	0	6,3	66 °	99%	14:23:44	05:33:39	21:58:41	18:01:30	+21°35'44"
Hercule	**99-Hercule116	Etoile double	5,1	10,7	0	96,2	75 °	99%	13:38:56	06:29:27	22:04:11	18:07:01	+30°33'43"
Hercule	**99-Hercule175	Etoile double	5,13	8,96	0	0,4	75 °	99%	13:38:56	06:29:27	22:04:11	18:07:01	+30°33'43"
Hercule	**Gam-Hercule117	Etoile double	3,76	10,05	0	43	52 °	86%	12:56:04	03:42:41	20:19:23	16:21:55	+19°09'11"
Hercule	**Kajam186	Etoile double	4,5	11	0	28,4	49 °	88%	13:22:27	03:23:17	20:22:52	16:25:25	+14°01'60"

Hercule	**Marfik180	Etoile double	5,1	6,21	0	27,4	49 °	85%	12:51:56	03:19:12	20:05:34	16:08:04	+17°02'49"
Hercule	**Mu-Hercule178	Etoile double	3,42	9,78	0	34,9	71 °	97%	13:35:55	05:51:26	21:43:41	17:46:27	+27°43'14"
Hercule	**Nu-Hercule145	Etoile double	4,56	7,49	0	0,5	74 °	98%	13:32:49	06:18:35	21:55:42	17:58:30	+30°11'22"
Hercule	**RASALGETHI176	Etoile double	3,48	5,4	0	4,8	55 °	95%	14:09:57	04:13:57	21:11:57	17:14:38	+14°23'25"
Hercule	**Rho-Hercule177	Etoile double	4,5	5,4	0	4	75 °	91%	12:04:49	06:37:06	21:20:58	17:23:40	+37°08'48"
Hercule	**Sarin185	Etoile double	3,14	8,3	0	11	65 °	93%	13:20:43	05:03:57	21:12:20	17:15:01	+24°50'21"
Hercule	**Zet-Hercule108	Etoile double	2,95	5,4	0	0,5	64 °	86%	12:06:25	05:10:58	20:38:41	16:41:17	+31°36'11"
Hydre femelle	**54-Hydre femelle104	Etoile double	5,12	7,25	0	8,1	03 °	81%	14:28:39	22:54:51	18:41:45	14:46:00	-25°26'35"
Lézard	**10-Lézard110	Etoile double	4,84	10,3	0	62,2	45 °	57%	17:00:08	12:11:14	02:35:41	22:39:15	+39°03'01"
Lézard	**12-Lézard143	Etoile double	5,21	10,8	0	69,1	45 °	56%	16:48:45	12:27:02	02:37:53	22:41:28	+40°13'32"
Lézard	**13-Lézard144	Etoile double	5,21	10,9	0	14,6	46 °	54%	16:29:22	12:51:38	02:40:30	22:44:05	+41°49'09"
Lézard	**14-Lézard138	Etoile double	5,99	9,36	0	0,4	45 °	53%	16:33:32	12:59:58	02:46:45	22:50:21	+41°57'13"
Lézard	**15-Lézard137	Etoile double	5,97	7,79	0	0,9	45 °	52%	16:10:56	13:25:56	02:48:26	22:52:02	+43°18'45"
Lézard	**15-Lézard141	Etoile double	5,81	10,7	0	29,4	45 °	52%	16:10:56	13:25:56	02:48:26	22:52:02	+43°18'45"
Lézard	**16-Lézard142	Etoile double	5,56	9,35	0	62,6	44 °	52%	16:44:54	13:00:38	02:52:46	22:56:23	+41°36'14"
Lézard	**8-Lézard122	Etoile double	5,66	6,29	0	22,3	46 °	57%	16:50:10	12:14:27	02:32:18	22:35:52	+39°38'03"
Lézard	**8-Lézard134	Etoile double	5,8	10,1	0	34	46 °	57%	16:50:10	12:14:27	02:32:18	22:35:52	+39°38'03"
Lézard	**8-Lézard136	Etoile double	5,73	10,5	0	48,5	46 °	57%	16:50:10	12:14:27	02:32:18	22:35:52	+39°38'03"
Lézard	**8-Lézard139	Etoile double	5,66	9,08	0	80,5	46 °	57%	16:50:10	12:14:27	02:32:18	22:35:52	+39°38'03"
Lézard	**8-Lézard140	Etoile double	5,8	9,8	0	42,3	46 °	57%	16:50:10	12:14:27	02:32:18	22:35:52	+39°38'03"
Lion	**54-Lion128	Etoile double	4,48	6,3	0	6,6	01 °	24%	07:02:52	22:41:06	14:51:59	10:55:36	+24°44'59"
Lion	**93-Lion129	Etoile double	4,59	9,03	0	74,1	06 °	34%	08:17:51	23:10:36	15:44:14	11:47:59	+20°13'08"
Lion	**DENEOLA656	Etoile double	5,97	8,53	0	0,9	02 °	36%	08:44:28	22:46:06	15:45:17	11:49:03	+14°34'19"
Loup	**Eta-Loup639	Etoile double	3,37	7,5	0	14,8	00 °	92%	17:11:21	22:39:59	19:55:40	16:00:07	-38°23'49"
Loup	**Xi -Loup635	Etoile double	5,09	5,56	0	10,3	04 °	91%	16:31:32	23:13:22	19:52:27	15:56:53	-33°57'59"
Lynx	**12-Lynx667	Etoile double	5,44	6	0	1,8	14 °	0%	10:43:18	10:43:18	10:43:18	06:46:14	+59°26'30"
Lynx	**12-Lynx668	Etoile double	5,44	7,05	0	8,7	14 °	0%	10:43:18	10:43:18	10:43:18	06:46:14	+59°26'30"
Lynx	**12-Lynx682	Etoile double	6	7,05	0	9,8	14 °	0%	10:43:18	10:43:18	10:43:18	06:46:14	+59°26'30"
Lynx	**15-Lynx664	Etoile double	4,7	5,7	0	0,5	13 °	0%	10:54:18	10:54:18	10:54:18	06:57:16	+58°25'21"
Lynx	**19-Lynx658	Etoile double	5,76	6,71	0	15	10 °	1%	11:19:50	11:19:50	11:19:50	07:22:52	+55°16'53"
Lynx	**21-Lynx665	Etoile double	5,69	9,87	0	1,1	04 °	1%	11:23:39	11:23:39	11:23:39	07:26:42	+49°12'41"
Lynx	**21-Lynx665	Etoile double	5,69	9,87	0	1,1	04 °	1%	11:23:39	11:23:39	11:23:39	07:26:42	+49°12'41"
Lynx	**21-Lynx666	Etoile double	5,67	10,2	0	16,4	04 °	1%	11:23:39	11:23:39	11:23:39	07:26:42	+49°12'41"
Lynx	**21-Lynx666	Etoile double	5,67	10,2	0	16,4	04 °	1%	11:23:39	11:23:39	11:23:39	07:26:42	+49°12'41"
Lynx	**5-Lynx670	Etoile double	5,38	7,92	0	95,8	13 °	0%	10:23:55	10:23:55	10:23:55	06:26:48	+58°25'02"
Lyre	**16-Lyre603	Etoile double	5,01	10,6	0	46,4	85 °	97%	22:56:30	22:56:30	22:56:30	19:01:26	+46°56'05"
Lyre	**17-Lyre662	Etoile double	5,3	9,1	0	3,7	77 °	98%	14:25:53	07:42:58	23:04:26	19:07:25	+32°30'06"
Lyre	**Aladfar604	Etoile double	4,38	8,58	0	28,1	81 °	96%	13:34:16	08:47:13	23:10:44	19:13:45	+39°08'46"
Lyre	**Eps-Lyre605	Etoile double	5,01	6,1	0	2,1	85 °	100%	12:58:52	08:23:56	22:41:24	18:44:20	+39°40'12"
Lyre	**Eps-Lyre606	Etoile double	5,25	5,38	0	2,3	85 °	100%	12:59:41	08:23:12	22:41:26	18:44:22	+39°36'47"
Lyre	**Nu -Lyre608	Etoile double	5,93	10,3	0	57,7	78 °	100%	14:06:06	07:27:30	22:46:48	18:49:45	+32°48'46"
Lyre	**Nu -Lyre663	Etoile double	5,93	10,89	0	34,1	78 °	100%	14:06:06	07:27:30	22:46:48	18:49:45	+32°48'46"
Lyre	**Sheliak586	Etoile double	3,63	10,14	0	67,2	79 °	100%	14:02:24	07:31:51	22:47:07	18:50:04	+33°21'46"
Lyre	**Sheliak622	Etoile double	3,63	6,69	0	46	79 °	100%	14:02:24	07:31:51	22:47:07	18:50:04	+33°21'46"
Lyre	**Sheliak660	Etoile double	3,63	10,62	0	86,9	79 °	100%	14:02:24	07:31:51	22:47:07	18:50:04	+33°21'46"
Lyre	**Sulafat599	Etoile double	5,34	7,96	0	0,7	78 °	99%	14:16:06	07:35:49	22:55:58	18:58:56	+32°41'22"
Lyre	**Sulafat681	Etoile double	5,22	11	0	64,7	78 °	99%	14:16:06	07:35:49	22:55:58	18:58:56	+32°41'22"
Lyre	**The-Lyre600	Etoile double	4,48	10,14	0	98,8	80 °	96%	13:47:28	08:39:14	23:13:21	19:16:22	+38°08'01"
Lyre	**VEGA602	Etoile double	0,03	9,5	0	78,2	85 °	100%	13:01:22	08:06:41	22:34:02	18:36:56	+38°47'01"
Lyre	**VEGA607	Etoile double	0	11	0	51,5	85 °	100%	13:01:22	08:06:41	22:34:02	18:36:56	+38°47'01"
Lyre	**VEGA644	Etoile double	0	9,5	0	91,7	85 °	100%	13:01:22	08:06:41	22:34:02	18:36:56	+38°47'01"
Lyre	**Zet-Lyre601	Etoile double	4,34	5,62	0	43,8	83 °	100%	13:21:14	08:02:26	22:41:50	18:44:46	+37°36'18"

	Microscope	**Alp-Microscope609	Etoile double	4,9	10	0	20,4	06 °	94%	21:22:29	04:10:54	00:46:42	20:49:58	-33°46'47"
	Ophiuchus	**21-Ophiuchus745	Etoile double	5,78	7,26	0	0,5	41 °	94%	14:39:57	02:57:37	20:48:47	16:51:24	+01°12'58"
	Ophiuchus	**30-Ophiuchus612	Etoile double	4,99	9,71	0	98,8	37 °	95%	15:10:37	02:46:11	20:58:24	17:01:03	-04°13'21"
	Ophiuchus	**36-Ophiuchus613	Etoile double	5,12	5,12	0	4,7	17 °	97%	17:03:52	01:21:28	21:12:40	17:15:21	-26°36'10"
	Ophiuchus	**41-Ophiuchus748	Etoile double	4,92	7,51	0	1	42 °	96%	15:11:25	03:16:24	21:13:55	17:16:36	-00°26'43"
	Ophiuchus	**53-Ophiuchus732	Etoile double	5,8	7,5	0	41,4	53 °	97%	14:49:54	04:13:49	21:31:52	17:34:36	+09°35'12"
	Ophiuchus	**67-Ophiuchus659	Etoile double	3,96	10,9	0	45,7	48 °	99%	15:42:19	04:13:20	21:57:49	18:00:38	+02°55'54"
	Ophiuchus	**67-Ophiuchus743	Etoile double	3,96	8,06	0	54,3	48 °	99%	15:42:19	04:13:20	21:57:49	18:00:38	+02°55'54"
	Ophiuchus	**68-Ophiuchus749	Etoile double	4,52	7,48	0	0,6	46 °	99%	15:49:43	04:08:09	21:58:56	18:01:45	+01°18'19"
	Ophiuchus	**70-Ophiuchus753	Etoile double	4,22	6,2	0	4,6	48 °	99%	15:48:48	04:16:27	22:02:38	18:05:27	+02°29'58"
	Ophiuchus	**72-Ophiuchus747	Etoile double	3,73	11	0	54,4	55 °	99%	15:22:42	04:46:21	22:04:31	18:07:21	+09°33'50"
	Ophiuchus	**73-Ophiuchus741	Etoile double	5,7	10	0	97,8	49 °	100%	15:47:02	04:26:24	22:06:43	18:09:33	+03°59'36"
	Ophiuchus	**73-Ophiuchus755	Etoile double	5,97	7,52	0	0,6	49 °	100%	15:47:02	04:26:24	22:06:43	18:09:33	+03°59'36"
	Ophiuchus	**Marfic779	Etoile double	4,15	5,15	0	1,4	40 °	91%	14:16:28	02:40:13	20:28:20	16:30:54	+01°59'02"
	Ophiuchus	**Omi-Ophiuchus705	Etoile double	5,23	6,64	0	10	19 °	97%	16:54:15	01:36:21	21:15:18	17:18:00	-24°17'13"
	Ophiuchus	**Rho-Ophiuchus750	Etoile double	5,07	5,74	0	2,9	16 °	93%	15:57:41	00:48:23	20:23:02	16:25:35	-23°26'46"
	Ophiuchus	**Rho-Ophiuchus752	Etoile double	5,07	5,74	0	2,9	16 °	93%	15:57:41	00:48:23	20:23:02	16:25:35	-23°26'50"
	Ophiuchus	**Sabik746	Etoile double	3,05	3,27	0	0,6	27 °	97%	16:06:38	02:08:46	21:07:42	17:10:22	-15°43'29"
	Ophiuchus	**Tau-Ophiuchus611	Etoile double	5,27	5,86	0	1,5	37 °	99%	16:28:01	03:32:29	22:00:15	18:03:04	-08°10'50"
	Ophiuchus	**Ups-Ophiuchus614	Etoile double	4,71	8,83	0	0,4	30 °	92%	14:53:49	01:56:41	20:25:15	16:27:48	-08°22'18"
	Ophiuchus	**Xi-Ophiuchus751	Etoile double	4,4	8,9	0	4,4	22 °	98%	16:41:33	01:55:02	21:18:18	17:21:00	-21°06'46"
	Pégase	**1-Pégase684	Etoile double	4,2	7,56	0	35,9	48 °	81%	17:52:22	08:45:05	01:18:43	21:22:05	+19°48'16"
	Pégase	**2-Pégase718	Etoile double	5,71	10,5	0	53,9	49 °	78%	17:41:15	09:11:52	01:26:33	21:29:56	+23°38'20"
	Pégase	**32-Pégase726	Etoile double	4,79	10,73	0	71,3	43 °	66%	18:06:29	10:29:07	02:17:48	22:21:19	+28°19'50"
	Pégase	**32-Pégase727	Etoile double	4,83	8,86	0	0,4	43 °	66%	18:06:29	10:29:07	02:17:48	22:21:19	+28°19'50"
	Pégase	**35-Pégase728	Etoile double	4,79	9,9	0	81	26 °	73%	20:01:53	08:46:44	02:24:19	22:27:51	+04°41'44"
	Pégase	**37-Pégase689	Etoile double	5,7	7,59	0	0,4	25 °	73%	20:05:03	08:47:48	02:26:25	22:29:58	+04°25'54"
	Pégase	**57-Pégase695	Etoile double	5,12	9,7	0	32,6	22 °	64%	20:27:37	09:44:07	03:05:52	23:09:31	+08°40'38"
	Pégase	**58-Pégase685	Etoile double	5,96	10,16	0	33,1	22 °	64%	20:23:27	09:49:16	03:06:22	23:10:01	+09°49'19"
	Pégase	**64-Pégase687	Etoile double	5,44	7,76	0	0,4	34 °	53%	18:44:34	11:51:51	03:18:13	23:21:54	+31°48'45"
	Pégase	**72-Pégase688	Etoile double	5,67	6,11	0	0,5	32 °	51%	18:59:53	12:00:35	03:30:14	23:33:57	+31°19'31"
	Pégase	**78-Pégase729	Etoile double	5,07	8,1	0	0,8	29 °	49%	19:22:37	11:57:51	03:40:14	23:43:59	+29°21'42"
	Pégase	**85-Pégase720	Etoile double	5,8	8,9	0	0,7	24 °	47%	19:54:23	12:02:22	03:58:22	00:02:10	+27°04'55"
	Pégase	**Kap-Pégase725	Etoile double	4,13	10,8	0	14,6	48 °	74%	17:45:15	09:37:10	01:41:13	21:44:38	+25°38'42"
	Pégase	**Matar690	Etoile double	3,02	9,87	0	93,8	40 °	61%	18:16:19	11:02:31	02:39:25	22:43:00	+30°13'17"
	Pégase	**Pi -Pégase686	Etoile double	5,58	10,1	0	66	48 °	66%	17:22:21	10:49:06	02:05:44	22:09:13	+33°10'20"
	Persée	**20-Persée708	Etoile double	5	9,68	0	13,9	07 °	15%	21:21:30	16:17:22	06:49:26	02:53:42	+38°20'15"
	Persée	**20-Persée710	Etoile double	5,3	10	0	15,2	07 °	15%	21:21:30	16:17:22	06:49:26	02:53:42	+38°20'15"
	Persée	**34-Persée711	Etoile double	4,72	7,34	0	0,7	12 °	10%	07:26:58	07:26:58	07:26:58	03:29:22	+49°30'32"
	Persée	**43-Persée709	Etoile double	5,32	10,66	0	75,5	11 °	8%	07:54:08	07:54:08	07:54:08	03:56:36	+50°41'43"
	Persée	**8-Persée723	Etoile double	5,99	10,7	0	68,4	25 °	21%	06:15:47	06:15:47	06:15:47	02:17:59	+57°53'59"
	Persée	**ALGOL460	Etoile double	2	10,5	0	82	07 °	13%	21:05:13	17:02:31	07:03:52	03:08:10	+40°57'20"
	Persée	**Eps-Persée717	Etoile double	2,85	8,88	0	9	01 °	8%	22:06:55	17:39:54	07:53:25	03:57:51	+40°00'37"
	Persée	**Gam-Persée715	Etoile double	3,1	10,8	0	55,3	18 °	14%	07:02:27	07:02:27	07:02:27	03:04:47	+53°30'23"
	Persée	**Gam-Persée716	Etoile double	5,21	6,17	0	11,9	18 °	14%	07:02:27	07:02:27	07:02:27	03:04:47	+53°30'23"
	Persée	**Miram721	Etoile double	3,9	9,9	0	66,3	21 °	16%	06:48:24	06:48:24	06:48:24	02:50:41	+55°53'44"
	Persée	**Miram722	Etoile double	3,76	8,5	0	28,5	21 °	16%	06:48:24	06:48:24	06:48:24	02:50:41	+55°53'44"
	Persée	**Mu-Persée459	Etoile double	4,24	10,39	0	83,9	08 °	6%	08:12:22	08:12:22	08:12:22	04:14:53	+48°24'34"
	Persée	**Mu-Persée724	Etoile double	4,16	10,28	0	16	08 °	6%	08:12:22	08:12:22	08:12:22	04:14:53	+48°24'34"
	Persée	**Tau-Persée714	Etoile double	4	10,7	0	51,1	18 °	15%	06:51:57	06:51:57	06:51:57	02:54:15	+52°45'45"
	Persée	**The-Persée392	Etoile double	4,12	10	0	20,5	16 °	16%	06:41:56	06:41:56	06:41:56	02:44:12	+49°13'42"
	Persée	**The-Persée713	Etoile double	4,12	9,5	0	77,2	16 °	16%	06:41:56	06:41:56	06:41:56	02:44:12	+49°13'42"

Petit Cheval	**Del-Petit Cheval39	Etoile double	4,54	10,17	0	71,5	42 °	85%	18:27:28	07:54:47	01:11:08	21:14:28	+10°00'25"
Petit Cheval	**Eps-Petit Cheval25	Etoile double	5,96	6,31	0	0,7	39 °	88%	18:34:55	07:16:37	00:55:46	20:59:04	+04°17'37"
Petit Cheval	**Eps-Petit Cheval36	Etoile double	5,96	7,05	0	10,5	39 °	88%	18:34:55	07:16:37	00:55:46	20:59:04	+04°17'37"
Petit Cheval	**Gam-Petit Cheval38	Etoile double	4,7	8,69	0	1,5	42 °	85%	18:22:52	07:51:08	01:07:00	21:10:20	+10°07'54"
Petite Ourse	**5-Petite Ourse563	Etoile double	4,25	9,9	0	58,6	49 °	68%	18:23:19	18:23:19	18:23:19	14:27:31	+75°41'46"
Petite Ourse	**POLARIS564	Etoile double	2,1	9,1	0	18,4	44 °	26%	06:29:34	06:29:34	06:29:34	02:31:48	+89°15'51"
Pisces	**27-Pisces444	Etoile double	4,9	8,9	0	0,9	04 °	58%	22:04:30	09:45:16	03:54:53	23:58:40	-03°33'22"
Pisces	**34-Pisces450	Etoile double	5,54	9,44	0	7,6	12 °	51%	21:17:54	10:54:32	04:06:13	00:10:02	+11°08'44"
Pisces	**51-Pisces439	Etoile double	5,68	9,52	0	27,1	06 °	48%	21:57:08	10:59:53	04:28:30	00:32:23	+06°57'20"
Pisces	**55-Pisces462	Etoile double	5,56	8,49	0	6,6	14 °	42%	21:01:47	12:10:15	04:36:01	00:39:55	+21°26'18"
Pisces	**Eta-Pisces447	Etoile double	3,83	7,51	0	0,6	01 °	34%	22:21:20	12:33:33	05:27:27	01:31:29	+15°20'45"
Pisces	**Phi-Pisces453	Etoile double	4,65	9,11	0	7,8	11 °	35%	21:19:27	13:00:02	05:09:45	01:13:44	+24°35'01"
Pisces	**Psi-Pisces445	Etoile double	5,27	5,45	0	30	10 °	37%	21:27:18	12:36:05	05:01:42	01:05:40	+21°28'24"
Poison Austral	**Eta-Poison Austral44	Etoile double	5,7	6,77	0	1,8	04 °	85%	21:58:59	05:55:45	01:57:22	22:00:50	-28°27'13"
Renard	**13-Renard520	Etoile double	4,63	7,37	0	1,3	64 °	94%	16:02:46	07:37:54	23:50:20	19:53:27	+24°04'47"
Renard	**16-Renard522	Etoile double	5,83	6,19	0	0,8	64 °	93%	16:06:43	07:51:02	23:58:53	20:02:01	+24°56'17"
Renard	**24-Renard521	Etoile double	4,8	7,55	0	0,5	62 °	90%	16:22:52	08:04:20	00:13:36	20:16:47	+24°40'16"
Renard	**2-Renard512	Etoile double	5,43	8,75	0	1,6	67 °	98%	15:32:34	06:56:50	23:14:42	19:17:43	+23°01'32"
Renard	**2-Renard524	Etoile double	6	11	0	51,1	67 °	98%	15:32:34	06:56:50	23:14:42	19:17:43	+23°01'32"
Renard	**4-Renard526	Etoile double	5,16	10	0	18,9	64 °	98%	15:56:09	06:48:43	23:22:26	19:25:28	+19°47'55"
Renard	**5-Renard536	Etoile double	5,82	10,5	0	27,9	64 °	98%	15:55:28	06:50:53	23:23:10	19:26:13	+20°05'52"
Sagittaire	**21-Sagittaire406	Etoile double	5,03	7,43	0	1,5	25 °	100%	17:43:03	03:01:54	22:22:28	18:25:21	-20°32'30"
Sagittaire	**52-Sagittaire470	Etoile double	4,7	9,2	0	2,4	20 °	98%	19:15:41	03:51:35	23:33:38	19:36:42	-24°53'01"
Sagittaire	**55-Sagittaire413	Etoile double	5,42	7,65	0	44,7	28 °	98%	18:40:06	04:38:46	23:39:26	19:42:31	-16°07'26"
Sagittaire	**Ain al Rami410	Etoile double	4,9	10,8	0	2,5	23 °	100%	18:22:22	03:20:03	22:51:13	18:54:10	-22°44'42"
Sagittaire	**Arkab Prior412	Etoile double	3,98	7,21	0	28,6	01 °	99%	21:54:24	00:44:48	23:19:36	19:22:38	-44°27'32"
Sagittaire	**Ascella407	Etoile double	2,6	10,63	0	72,7	16 °	100%	19:09:39	02:49:35	22:59:37	19:02:36	-29°52'49"
Sagittaire	**Eta-Sagittaire411	Etoile double	3,2	10	0	92,6	09 °	100%	19:13:49	01:15:42	22:14:46	18:17:37	-36°45'42"
Sagittaire	**Eta-Sagittaire466	Etoile double	3,1	7,8	0	3,6	09 °	100%	19:13:49	01:15:42	22:14:46	18:17:37	-36°45'42"
Sagittaire	**Gam-Sagittaire449	Etoile double	5,39	6,96	0	5,8	16 °	100%	18:10:25	01:53:59	22:02:12	18:05:01	-29°34'48"
Sagittaire	**Kap-Sagittaire486	Etoile double	5,93	7,25	0	0,4	00 °	96%	22:20:41	02:20:41	00:20:41	20:23:53	-42°25'22"
Sagittaire	**KAUS AUSTRALIS4	Etoile double	1,85	8,4	0	2,4	11 °	100%	19:01:36	01:41:00	22:21:18	18:24:10	-34°23'05"
Sagittaire	**Kaus Borealis409	Etoile double	2,8	9,8	0	88,9	20 °	100%	18:09:56	02:40:14	22:25:05	18:27:58	-25°25'18"
Sagittaire	**Mu-Sagittaire465	Etoile double	3,85	9,22	0	50,1	25 °	100%	17:33:56	02:47:53	22:10:54	18:13:45	-21°03'32"
Sagittaire	**Mu-Sagittaire467	Etoile double	3,85	9,96	0	48,7	25 °	100%	17:33:56	02:47:53	22:10:54	18:13:45	-21°03'32"
Sagittaire	**Mu-Sagittaire469	Etoile double	3,85	10,48	0	16,8	25 °	100%	17:33:56	02:47:53	22:10:54	18:13:45	-21°03'32"
Sagittaire	**Nash427	Etoile double	5,77	7,99	0	3,9	15 °	100%	18:16:24	01:49:33	22:02:59	18:05:48	-30°25'27"
Sagittaire	**The-Sagittaire468	Etoile double	5,3	10,8	0	33,2	09 °	98%	20:39:16	03:14:10	23:56:43	19:59:51	-34°41'52"
Scorpion	**11-Scorpion434	Etoile double	5,77	9,77	0	2,8	24 °	90%	14:51:25	01:18:47	20:05:06	16:07:36	-12°44'44"
Scorpion	**12-Scorpion393	Etoile double	5,8	8,13	0	3,8	10 °	92%	16:11:09	00:08:19	20:09:44	16:12:15	-28°25'03"
Scorpion	**2-Scorpion414	Etoile double	4,69	6,98	0	2,1	11 °	90%	15:35:27	00:06:49	19:51:08	15:53:36	-25°19'38"
Scorpion	**Alniyat395	Etoile double	3,06	5,24	0	0,5	14 °	93%	16:04:22	00:32:55	20:18:39	16:21:11	-25°35'34"
Scorpion	**Alniyat405	Etoile double	2,89	8,42	0	20	14 °	93%	16:04:22	00:32:55	20:18:39	16:21:11	-25°35'34"
Scorpion	**ANTARES394	Etoile double	0,96	5,4	0	2,5	14 °	94%	16:17:03	00:36:38	20:26:50	16:29:24	-26°25'55"
Scorpion	**Bet-Scorpion400	Etoile double	2,59	4,52	0	13,6	17 °	91%	15:20:06	00:45:47	20:02:56	16:05:26	-19°48'07"
Scorpion	**Graffias436	Etoile double	2,59	4,52	0	13,6	17 °	91%	15:20:06	00:45:47	20:02:56	16:05:26	-19°48'20"
Scorpion	**Graffias397	Etoile double	4,9	7,3	0	7,6	25 °	89%	14:42:33	01:21:12	20:01:52	16:04:22	-11°22'23"
Scorpion	**Graffias398	Etoile double	5,3	7,3	0	7,4	25 °	89%	14:42:33	01:21:12	20:01:52	16:04:22	-11°22'23"
Scorpion	**Graffias437	Etoile double	5,16	4,87	0	0,6	25 °	89%	14:42:33	01:21:12	20:01:52	16:04:22	-11°22'23"
Scorpion	**lot-Scorpion396	Etoile double	4,81	11	0	31,6	05 °	99%	19:18:25	00:16:23	21:47:24	17:50:11	-40°05'26"
Scorpion	**Jabbah399	Etoile double	4,35	5,31	0	1,3	18 °	91%	15:25:01	00:53:55	20:09:28	16:11:59	-19°27'38"
Scorpion	**Jabbah402	Etoile double	4,21	6,6	0	40,8	18 °	91%	15:25:01	00:53:55	20:09:28	16:11:59	-19°27'38"

Scorpion	**Mu -Scorpion435	Etoile double	2,97	9,41	0	80,4	04 °	96%	17:59:41	23:34:53	20:47:17	16:51:52	-38°02'51"
Scorpion	**Sargas403	Etoile double	1,97	5,36	0	6,5	02 °	99%	19:43:01	23:22:12	21:32:36	17:37:19	-42°59'52"
Scorpion	**Xi-Scorpion391	Etoile double	5,16	4,87	0	0,6	25 °	89%	14:42:33	01:21:12	20:01:52	16:04:22	-11°22'23"
Scorpion	**Xi-Scorpion404	Etoile double	4,9	7,3	0	7,6	25 °	89%	14:42:33	01:21:12	20:01:52	16:04:22	-11°22'23"
Scorpion	**Xi-Scorpion433	Etoile double	5,3	7,3	0	7,4	25 °	89%	14:42:33	01:21:12	20:01:52	16:04:22	-11°22'23"
Scorpion	**Zet-Scorpion401	Etoile double	5,65	7,92	0	0,5	00 °	97%	18:50:25	22:48:22	20:49:23	16:53:59	-42°21'44"
Scorpion	**Zet-Scorpion425	Etoile double	5,47	6,56	0	56,5	00 °	97%	18:50:25	22:48:22	20:49:23	16:53:59	-42°21'44"
Serpent	**59-Serpent438	Etoile double	5,38	7,62	0	3,9	46 °	100%	16:19:26	04:29:12	22:24:19	18:27:12	+00°11'46"
Serpent	**5-Serpent420	Etoile double	5,06	10,11	0	11,4	29 °	80%	13:05:58	01:27:54	19:16:56	15:19:18	+01°45'55"
Serpent	**6-Serpent421	Etoile double	5,53	8,78	0	3	29 °	81%	13:11:46	01:25:33	19:18:40	15:21:02	+00°42'55"
Serpent	**Alya415	Etoile double	4,59	7,9	0	26	50 °	100%	16:32:44	05:13:47	22:53:15	18:56:13	+04°12'13"
Serpent	**Alya428	Etoile double	4,59	4,93	0	22,1	50 °	100%	16:32:44	05:13:47	22:53:15	18:56:13	+04°12'13"
Serpent	**Bet-Serpent426	Etoile double	3,66	9,96	0	30,9	44 °	81%	12:37:16	02:50:13	19:43:44	15:46:11	+15°25'19"
Serpent	**Del-Serpent422	Etoile double	4,17	5,16	0	4	39 °	81%	12:46:33	02:18:14	19:32:23	15:34:48	+10°32'15"
Serpent	**Del-Serpent424	Etoile double	4,17	5,16	0	4	39 °	81%	12:46:33	02:18:14	19:32:23	15:34:48	+10°32'21"
Serpent	**Nu-Serpent423	Etoile double	4,33	9,44	0	45,9	30 °	97%	16:04:50	02:31:23	21:18:07	17:20:49	-12°50'49"
Triangle	**14-Triangle583	Etoile double	5,9	10,9	0	18,1	08 °	19%	21:20:47	15:35:00	06:27:54	02:32:06	+36°08'50"
Triangle	**6-Triangle549	Etoile double	5,26	6,67	0	3,9	06 °	23%	21:44:35	14:31:51	06:08:13	02:12:22	+30°18'11"
Verseau	**12-Verseau252	Etoile double	5,8	7,5	0	2,5	30 °	89%	19:19:14	06:42:17	01:00:45	21:04:04	-05°49'23"
Verseau	**41-Verseau261	Etoile double	5,63	6,72	0	5,1	08 °	82%	21:33:54	06:47:42	02:10:48	22:14:18	-21°04'27"
Verseau	**51-Verseau265	Etoile double	5,78	10,1	0	53,8	19 °	76%	20:35:12	08:05:57	02:20:34	22:24:06	-04°50'13"
Verseau	**94-Verseau259	Etoile double	5,27	6,97	0	12,4	04 °	69%	22:04:43	08:26:07	03:15:25	23:19:06	-13°27'32"
Verseau	**96-Verseau263	Etoile double	5,62	10,39	0	11	10 °	66%	21:31:27	08:59:59	03:15:43	23:19:24	-05°07'28"
Verseau	**Psi-Verseau255	Etoile double	4,36	9,88	0	49,4	08 °	68%	21:43:39	08:40:47	03:12:13	23:15:53	-09°05'16"
Verseau	**Psi-Verseau260	Etoile double	5	9	0	1,4	07 °	68%	21:48:47	08:41:46	03:15:16	23:18:57	-09°36'39"
Verseau	**Sadalsuud267	Etoile double	2,91	11	0	36,9	27 °	85%	19:45:40	07:10:40	01:28:10	21:31:33	-05°34'16"
Verseau	**Sig-Verseau253	Etoile double	4,81	8,47	0	3,7	14 °	77%	21:04:55	07:49:16	02:27:05	22:30:38	-10°40'41"
Verseau	**Situla251	Etoile double	5	8,8	0	93	18 °	74%	20:46:24	08:21:58	02:34:11	22:37:45	-04°13'41"
Verseau	**Tau-Verseau264	Etoile double	5,66	9	0	21,5	08 °	75%	21:35:56	07:52:17	02:44:06	22:47:42	-14°03'23"
Verseau	**Zet-Verseau262	Etoile double	4,34	4,49	0	1,8	22 °	74%	20:21:10	08:29:23	02:25:17	22:28:49	-00°01'13"
Vierge	**31-Vierge493	Etoile double	5,6	10,1	0	3,8	06 °	49%	10:09:14	23:06:52	16:38:03	12:41:57	+06°48'24"
Vierge	**44-Vierge490	Etoile double	5,8	10,15	0	20,8	02 °	56%	11:08:15	22:43:09	16:55:42	12:59:39	-03°48'43"
Vierge	**59-Vierge491	Etoile double	5,67	10,8	0	50	14 °	55%	10:33:27	23:52:05	17:12:46	13:16:46	+09°25'27"
Vierge	**84-Vierge492	Etoile double	5,55	8,31	0	2,8	14 °	62%	11:23:02	23:54:56	17:38:59	13:43:03	+03°32'17"
Vierge	**86-Vierge534	Etoile double	5,66	8,47	0	1,2	03 °	67%	12:28:49	22:54:53	17:41:51	13:45:56	-12°25'36"
Vierge	**Phi-Vierge494	Etoile double	4,92	10,02	0	5,3	18 °	72%	12:30:24	00:21:32	18:25:58	14:28:12	-02°13'41"
Vierge	**Tau-Vierge495	Etoile double	4,26	9,48	0	81	16 °	66%	11:49:21	00:09:36	17:59:29	14:01:38	+01°32'40"
Vierge	**The-Vierge496	Etoile double	4,4	9,39	0	6,9	02 °	58%	11:25:18	22:46:38	17:05:58	13:09:57	-05°32'20"
Vierge	**The-Vierge523	Etoile double	4,38	10,4	0	71,1	02 °	58%	11:25:18	22:46:38	17:05:58	13:09:57	-05°32'20"
Vierge	**The-Vierge525	Etoile double	4,49	6,83	0	0,4	02 °	58%	11:25:18	22:46:38	17:05:58	13:09:57	-05°32'20"