

Sky Arrow 天体データベース

「STAR FIX」初期設定用恒星リスト

name	greek	con	h m s	° ' "	V	type
Achernar	alpha	Eri	1 37 42.9	-57 14 12	0.5	star
Albireo	beta	Cyg	19 30 43.1	27 57 35	3.1	dbl col
Aldebaran	alpha	Tau	4 35 55.2	16 30 33	0.9	dbl red
Alphard	alpha	Hya	9 27 35.2	-8 39 31	2.0	star
Alpha Centari	alpha	Gen	14 39 36.7	-60 50 02	0.0	dbl
Alpheratz	alpha	And	0 08 23.2	29 05 26	2.1	star
Altair	alpha	Aql	19 50 46.8	8 52 06	0.8	star
Antares	alpha	Sco	16 29 24.3	-26 25 5	1.0	dbl red
Arcturus	alpha	Boo	14 15 39.6	19 10 57	0.0	star
Betelgeuse	alpha	Ori	5 55 10.2	7 24 26	0.1	red
Canopus	alpha	Car	6 23 57.1	-52 41 44	-0.7	star
Capella	alpha	Aur	5 16 41.3	45 59 53	0.1	star
Castor	alpha	Gem	7 34 35.9	31 53 18	1.6	dbl
Deneb	alpha	Cyg	20 41 25.8	45 16 49	1.3	star
Denebola	beta	Leo	11 49 03.5	14 34 19	2.1	dbl col
Fomalhaut	alpha	PsA	22 57 38.9	-29 37 20	1.2	star
Mirfak	alpha	Per	3 24 19.3	49 51 40	1.8	star
Mizar	zeta	UMa	13 23 55.5	54 55 31	2.3	dbl
Navi	gamma	Cas	0 56 42.4	60 43 00	2.5	dbl
Polaris	alpha	UMi	2 31 50.4	89 15 51	2.0	dbl
Procyon	alpha	CMi	7 39 18.1	5 13 30	0.4	star
Rasalhague	alpha	Oph	17 34 55.9	12 33 36	2.1	star
Regulus	alpha	Leo	10 08 22.2	11 58 02	1.4	dbl
Rigel	beta	Ori	5 14 32.2	-8 12 06	0.1	dbl
Sirius	alpha	CMa	6 45 08.9	-16 42 58	-1.5	dbl
Spica	alpha	Vir	13 25 11.5	-11 09 41	1.0	star
Suhail	lambda	Vel	9 07 59.7	-43 25 57	2.2	star
Vega	alpha	Lyr	18 36 56.2	38 47 01	0.0	mpl

「M」メシエー天体カタログ

M	NAME	RA	DEC	SIZE	MAG	CON	DESCRIPTION
M001	Crab Nebula	05 34.5	+22 01	6	8.4	Tau	nebula
M002		21 33.5	-00 49	12.9	6.5	Aqr	globular cluster highly resolved
M003		13 42.2	+28 23	16.2	6.4	CVn	globular cluster highly resolved
M004		16 23.6	-26 32	26.3	5.9	Sco	globular cluster highly resolved
M005		15 18.6	+02 05	17.4	5.8	Ser	globular cluster highly resolved
M006	Butterfly Cluster	17 40.1	-32 13	15	4.2	Sco	open cluster rich
M007		17 53.9	-34 49	80	3.3	Sco	open cluster bright scattered
M008	Lagoon Nebula	18 03.8	-24 23	90	5.8	Sgr	nebula with dust and cluster
M009		17 19.2	-18 31	9.3	7.9	Oph	globular cluster mottled
M010		16 57.1	-04 06	15.1	6.6	Oph	globular cluster highly resolved
M011	Wild Duck Cluster	18 51.1	-06 16	14	5.8	Sct	open cluster dense
M012		16 47.2	-01 57	14.5	6.6	Oph	globular cluster highly resolved

M013	Great Hercules Cluster	16 41.7	+36 28	16.6	5.9	Her	globular cluster highly resolved
M014		17 37.6	-03 15	11.7	7.6	Oph	globular cluster
M015		21 30.0	+12 10	12.3	6.4	Peg	globular cluster highly resolved
M016	Eagle Nebula	18 18.8	-13 47	35	6.0	Ser	nebula with dust and cluster
M017	Swan Nebula	18 20.8	-16 11	46	6.0	Sgr	nebula
M018		18 19.9	-17 08	9	6.9	Sgr	open cluster bright scattered
M019		17 02.6	-26 16	13.5	7.2	Oph	globular cluster
M020	Trifid Nebula	18 02.3	-23 02	29	6.3	Sgr	nebula with dust
M021		18 04.6	-22 30	13	5.9	Sgr	open cluster rich
M022		18 36.4	-23 54	24	5.1	Sgr	globular cluster highly resolved
M023		17 56.8	-19 01	27	5.5	Sgr	open cluster dense
M024		18 18.4	-18 25	5	11p	Sgr	open cluster dense
M025		18 31.6	-19 15	32	4.6	Sgr	open cluster bright scattered
M026		18 45.2	-09 24	15	8.0	Sct	open cluster rich
M027	Dumbbell Nebula	19 59.6	+22 43	480"	7.4	Vul	planetary nebula irregular
M028		18 24.5	-24 52	11.2	6.9	Sgr	globular cluster highly resolved
M029		20 23.9	+38 32	7	6.6	Cyg	open cluster bright scattered
M030		21 40.4	-23 11	11	7.5	Cap	globular cluster highly resolved
M031	Great Andromeda Galaxy	00 42.7	+41 16	178	3.5	And	very elongated galaxy dusty
M032		00 42.7	+40 52	7.6	8.2	And	round galaxy with bright core
M033	Pinwheel Galaxy	01 33.9	+30 39	62	5.7	Tri	spiral galaxy structure with bright knots
M034		02 42.0	+42 47	35	5.2	Per	open cluster rich
M035		06 08.9	+24 20	28	5.1	Gem	open cluster rich
M036		05 36.1	+34 08	12	6.0	Aur	open cluster rich
M037		05 52.4	+32 33	24	5.6	Aur	open cluster dense
M038		05 28.7	+35 50	21	6.4	Aur	open cluster rich
M039		21 32.2	+48 26	32	4.6	Cyg	open cluster bright scattered
M040	Winnecke 4	12 22.4	+58 05	50"	9.0	UMa	double star
M041		06 47.0	-20 44	38	4.5	CMa	open cluster dense
M042	Great Orion Nebula	05 35.4	-05 27	66	4.0	Ori	nebula
M043		05 35.6	-05 16	20	9.0	Ori	nebula bright with dust
M044	Beehive Cluster	08 40.1	+19 59	95	3.1	Cnc	open cluster bright scattered
M045	Pleiades	03 47.0	+24 07	110	1.2	Tau	open cluster with nebulosity
M046		07 41.8	-14 49	27	6.1	Pup	open cluster dense
M047		07 36.6	-14 30	30	4.4	Pup	open cluster dense
M048		08 13.8	-05 48	54	5.8	Hya	open cluster rich
M049		12 29.8	+08 00	8.9	8.4	Vir	round galaxy with bright core
M050		07 03.2	-08 20	16	5.9	Mon	open cluster rich
M051	Whirlpool Galaxy	13 29.9	+47 12	11	8.4	CVn	spiral galaxy attached companion
M052		23 24.2	+61 35	13	6.9	Cas	open cluster dense
M053		13 12.9	+18 10	12.6	7.7	Com	globular cluster highly resolved
M054		18 55.1	-30 29	9.1	7.7	Sgr	globular cluster mottled
M055		19 40.0	-30 58	19	7.0	Sgr	globular cluster highly resolved
M056		19 16.6	+30 11	7.1	8.3	Lyr	globular cluster highly resolved
M057	Ring Nebula	18 53.6	+33 02	86"	8.8	Lyr	planetary nebula ring with central star
M058		12 37.7	+11 49	5.4	9.8	Vir	round galaxy with bright core
M059		12 42.0	+11 39	5.1	9.8	Vir	elongated galaxy with bright core
M060		12 43.7	+11 33	7.2	8.8	Vir	round galaxy with bright core
M061		12 21.9	+04 28	6	9.7	Vir	spiral galaxy structure
M062		17 01.2	-30 07	14.1	6.6	Oph	globular cluster
M063		13 15.8	+42 02	12.3	8.6	CVn	elongated galaxy with bright core
M064	Black-eye Galaxy	12 56.7	+21 41	9.3	8.5	Com	elongated galaxy dusty

M065		11 18.9	+13 05	10	9.3	Leo	very elongated galaxy with bright core
M066		11 20.2	+12 59	8.7	9.0	Leo	spiral galaxy structure
M067		08 50.4	+11 49	30	6.9	Cnc	open cluster dense
M068		12 39.5	-26 45	12	8.2	Hya	globular cluster highly resolved
M069		18 31.4	-32 21	7.1	7.7	Sgr	globular cluster
M070		18 43.2	-32 18	7.8	8.1	Sgr	globular cluster
M071		19 53.8	+18 47	7.2	8.3	Sge	globular cluster highly resolved
M072		20 53.5	-12 32	5.9	9.4	Aqr	globular cluster
M073		20 59.0	-12 38	2.8	8.9p	Aqr	asterism
M074		01 36.7	+15 47	10.2	9.2	Psc	spiral galaxy structure
M075		20 06.1	-21 55	6	8.6	Sgr	globular cluster unresolved
M076	Little Dumbbell	01 42.3	+51 34	163"	10.1	Per	planetary nebula irregular
M077		02 42.7	-00 01	6.9	8.8	Cet	round galaxy with bright core
M078		05 46.7	+00 03	8	8.0	Ori	reflection nebula bright
M079		05 24.5	-24 33	8.7	8.0	Lep	globular cluster highly resolved
M080		16 17.0	-22 59	8.9	7.2	Sco	globular cluster mottled
M081		09 55.6	+69 04	25.7	6.9	UMa	spiral galaxy structure
M082		09 55.8	+69 41	11.2	8.4	UMa	very elongated irregular galaxy
M083		13 37.0	-29 52	11.2	7.6	Hya	barred spiral galaxy structure
M084		12 25.1	+12 53	5	9.3	Vir	round galaxy with bright core
M085		12 25.4	+18 11	7.1	9.2	Com	round galaxy with bright core
M086		12 26.2	+12 57	7.4	9.2	Vir	round galaxy with bright core
M087	Virgo A	12 30.8	+12 24	7.2	8.6	Vir	round galaxy with bright core
M088		12 32.0	+14 25	6.9	9.5	Com	very elongated galaxy with bright core
M089		12 35.7	+12 33	4.2	9.8	Vir	round galaxy with bright core
M090		12 36.8	+13 10	9.5	9.5	Vir	very elongated galaxy with bright core
M091		12 35.4	+14 30	5.4	10.2	Com	elongated galaxy with bright core
M092		17 17.1	+43 08	11.2	6.5	Her	globular cluster highly resolved
M093		07 44.6	-23 52	22	6.2	Pup	open cluster dense
M094		12 50.9	+41 07	11	8.2	CVn	elongated galaxy with bright core
M095		10 44.0	+11 42	7.4	9.7	Leo	barred spiral galaxy structure
M096		10 46.8	+11 49	7.1	9.2	Leo	round galaxy with bright core
M097	Owl Nebula	11 14.8	+55 01	202"	9.9	UMa	planetary nebula irregular
M098		12 13.8	+14 54	9.5	10.1	Com	very elongated galaxy with bright core
M099		12 18.8	+14 25	5.4	9.8	Com	spiral galaxy structure
M100		12 22.9	+15 49	6.9	9.4	Com	round galaxy with bright core
M101		14 03.2	+54 21	26.9	7.7	UMa	spiral galaxy structure with bright knots
M102		15 06.5	+55 46	5.2	10.0	Dra	very elongated galaxy
M103		01 33.2	+60 42	6	7.4	Cas	open cluster rich
M104	Sombrero Galaxy	12 40.0	-11 37	8.9	8.3	Vir	edge on galaxy dusty
M105		10 47.8	+12 35	4.5	9.3	Leo	round galaxy with bright core
M106		12 19.0	+47 18	18.2	8.3	CVn	spiral galaxy structure with bright knots
M107		16 32.5	-13 03	10	8.1	Oph	globular cluster
M108		11 11.5	+55 40	8.3	10.1	UMa	very elongated galaxy
M109		11 57.6	+53 23	7.6	9.8	UMa	elongated galaxy with bright core
M110		00 40.4	+41 41	17.4	8.0	And	elongated galaxy

「ST」恒星カタログ

ST	NAME	RA	DEC	SIZE	MAG	CON	DESCRIPTION
ST001	Σ 3053	00 02.6	+66 06	15"	5.9	Cas	colored double star
ST002	Alpheratz	00 08.4	+29 05	*	2.1	And	star
ST003	35 Psc	00 15.0	+08 49	12"	5.8	Psc	colored double star
ST004	Eta Cas	00 49.1	+57 49	12"	3.4	Cas	colored double star
ST005	65 Psc	00 49.9	+27 43	4"	6.3	Psc	double star equal magnitude
ST006	Navi	00 56.7	+60 43	*	2.5	Cas	star
ST007	Achernar	01 37.7	-57 14	*	0.5	Eri	star
ST008	Σ 162	01 49.3	+47 54	2"	5.8	Per	triple star challenge
ST009	Gamma And	02 03.9	+42 20	10"	2.2	And	colored double star
ST010	Iota Cas	02 29.1	+67 24	2"	4.5	Cas	triple star challenge
ST011	Polaris	02 31.8	+89 16	18"	2	UMi	double star
ST012	Mirfak	03 24.3	+49 52	*	1.8	Per	star
ST013	Omicron 2 Eri	04 15.2	-07 39	9"	4.4	Eri	triple star challenge
ST014	Aldebaran	04 35.9	+16 31	*	0.9	Tau	star
ST015	Rho Ori	05 13.3	+02 52	7"	4.5	Ori	colored double star
ST016	Rigel	05 14.5	-08 12	9"	0.1	Ori	double star magnitude contrast
ST017	14 Aur	05 15.4	+32 41	11"	5	Aur	triple star
ST018	Capella	05 16.7	+46 00	*	0.1	Aur	star
ST019	Sigma Ori	05 38.7	-02 36	11"	3.7	Ori	quadruple star
ST020	Betelgeuse	05 55.2	+07 24	*	0.5	Ori	star
ST021	Canopus	06 24.0	-52 42	*	-0.7	Car	star
ST022	Beta Mon	06 28.8	-07 02	3"	3.8	Mon	triple star
ST023	Sirius	06 45.1	-16 43	4"	-1.5	CMa	double star
ST024	Castor	07 34.6	+31 53	2"	1.6	Gem	double star challenge
ST025	Procyon	07 39.3	+05 14	*	0.4	CMi	star
ST026	Σ 1254	08 40.4	+19 40	21"	6.4	Cnc	quadruple star
ST027	Suhail	09 08.0	-43 26	*	2.2	Vel	star
ST028	Alphard	09 27.6	-08 40	*	2	Hya	star
ST029	Regulus	10 08.4	+11 58	*	1.4	Leo	star
ST030	Denebola	11 49.1	+14 34	*	2.1	Leo	star
ST031	Mizar	13 23.9	+54 56	14"	2.3	Uma	double star
ST032	Spica	13 25.2	-11 10	*	1	Vir	star
ST033	Kappa Boo	14 13.5	+51 47	13"	4.4	Boo	colored double star
ST034	Arcturus	14 15.7	+19 11	*	0	Boo	star
ST035	Alpha Cen	14 39.6	-60 50	20"	0	Cen	double star
ST036	Mu Boo	15 24.5	+37 23	2"	4.3	Boo	triple star
ST037	Σ 1962	15 38.7	-08 47	12"	5.8	Lib	double star equal magnitude
ST038	Nu Sco	16 12.0	-19 28	1"	4	Sco	quadruple star
ST039	Antares	16 29.4	-26 26	3"	1	Sco	double star challenge
ST040	16 Dra	16 36.2	+52 55	3"	5.1	Dra	triple star
ST041	Alpha Her	17 14.6	+14 23	5"	3.2	Her	double star equal magnitude
ST042	39 Oph	17 18.0	-24 17	10"	5.2	Oph	colored double star
ST043	Rasalhague	17 34.9	+12 34	*	2.1	Oph	star
ST044	95 Her	18 01.5	+21 36	6"	4.3	Her	double star equal magnitude
ST045	59 Ser	18 27.2	+00 12	4"	5.2	Ser	colored double star
ST046	Vega	18 36.9	+38 47	*	0	Lur	star
ST047	Double Double Epsilon	18 44.3	+39 40	2"	4.7	Lyr	quadruple star
ST048	Albireo	19 30.7	+27 58	34"	3.1	Cyg	colored double star

ST049	Altair	19 50.8	+08 52	*	0.8	Aql	star
ST050	Deneb	20 41.4	+45 17	*	1.3	Cyg	star
ST051	Herschels Garnet	21 43.5	+58 47	*	3.4	Cep	red variable star
ST052	41Aqr	22 14.3	-21 04	5"	5.3	Aqr	colored double star
ST053	53 Aqr	22 26.6	-16 45	3"	6.4	Aqr	double star equal magnitude
ST054	Fomalhaut	22 57.6	-29 37	*	1.2	PsA	star
ST055	94 Aqr	23 19.1	-13 28	13"	5.1	Aqr	colored double star
ST056	Sigma Cas	23 59.0	+55 45	3"	4.9	Cas	colored double star

「DS」 ディープ・スペース天体カタログ

DS	NAME	RA	DEC	SIZE	MAG	CON	DESCRIPTION
DS001	N0104	00 24.1	-72 05	30.9	4	Tuc	globular cluster highly resolved
DS002	N0246	00 47.0	-11 53	240"	10.9	Cet	planetary nebula ring
DS003	N0253	00 47.6	-25 17	25.1	7.1	Scl	very elongated galaxy
DS004	N0281	00 52.8	+56 37	35	7p	Cas	nebula with dust low brightness
DS005	N0869 Double cluster	02 19.0	+57 09	30	4p	Per	open cluster dense
DS006	N0891	02 22.6	+42 21	13.5	10.2	And	edge on galaxy dusty
DS007	N1023	02 40.4	+39 04	8.7	9.5	Per	very elongated galaxy with bright core
DS008	N1365	03 33.6	-36 08	9.8	9.5	For	elongated galaxy with bright core
DS009	N1491	04 03.4	+51 19	3		Per	nebula
DS010	N1501	04 07.0	+60 55	56"	11.5	Cam	planetary nebula ring
DS011	N1535	04 14.2	-12 44	48"	9.6	Eri	planetary nebula ring with central star
DS012	N1999	05 36.5	-06 42	16		Ori	nebula bright with dust
DS013	B33 Horsehead	05 40.9	-02 28	6		Ori	dark nebula
DS014	N2174	06 09.7	+20 30	40		Ori	nebula with dust
DS015	N2237 Rosette	06 30.3	+05 03	80		Mon	nebula with dust low brightness
DS016	N2264	06 41.1	+09 53	60	3.9	Mon	open cluster with nebulosity
DS017	N2362	07 18.8	-24 57	8	4.1	CMa	open cluster dense
DS018	N2392 Eskimo	07 29.2	+20 55	47"	9.1	Gem	planetary nebula ring with central star
DS019	N2403	07 36.9	+65 36	17.8	8.4	Cam	spiral galaxy structure with bright knots
DS020	N2438	07 41.8	-14 44	73"	10.8	Pup	planetary nebula ring
DS021	N2477	07 52.3	-38 33	27	5.8	Pup	open cluster dense
DS022	N2467	07 52.6	-26 23	8	7p	Pup	nebula
DS023	N2903	09 32.2	+21 30	12.6	8.9	Leo	elongated galaxy dusty
DS024	N3115	10 05.2	-07 43	8.3	9.2	Sex	edge on galaxy with bright core
DS025	N3132 Eight Burst	10 07.0	-40 26	62"	9.2	Vel	planetary nebula ring with central star
DS026	N3242	10 24.8	-18 38	40"	7.7	Hya	planetary nebula ring with central star
DS027	N3372 Eta Carina	10 43.8	-59 52	120		Car	nebula bright with dust
DS028	N3628	11 20.3	+13 36	14.8	9.5	Leo	very elongated galaxy dusty
DS029	N4361	12 24.5	-18 48	93"	10.9	Crv	planetary nebula irregular
DS030	N4565	12 36.3	+25 59	16.2	9.6	Com	edge on galaxy dusty
DS031	N4631	12 42.1	+32 32	15.1	9.3	CVn	very elongated galaxy
DS032	N4656/57	12 44.0	+32 10	13.8	10.4	CVn	very elongated galaxy close companion
DS033	N5128	13 25.5	-43 01	18.2	7	Cen	round galaxy dusty

DS034	N5139 Omega	13 26.8	-47 29	36.3	3.7	Cen	globular cluster highly resolved
DS035	IC4406	14 22.4	-44 09	100"	10.4	Lup	planetary nebula irregular
DS036	N6231	16 54.0	-41 48	240	2.6	Sco	open cluster bright scattered
DS037	N6302 Bug	17 13.7	-37 06	83"	9.6	Sco	planetary nebula irregular
DS038	N6388	17 36.3	-44 44	8.7	6.9	Sco	globular cluster mottled
DS039	N6397	17 40.7	-53 40	25.7	5.7	Ara	globular cluster highly resolved
DS040	N6440	17 48.9	-20 22	5.4	9.7	Sgr	globular cluster unresolved
DS041	N6543 Cats Eye	17 58.6	+66 38	22"	8.1	Dra	planetary nebula disc with central star
DS042	N6541	18 08.0	-43 42	13.1	6.6	CrA	globular cluster
DS043	N6563	18 12.0	-33 52	50"	11	Sgr	planetary nebula disc
DS044	N6752	19 10.9	-59 59	20.4	5.4	Pav	globular cluster highly resolved
DS045	N6781	19 18.4	+06 33	111"	11.4	Aql	planetary nebula ring
DS046	N6818 Little Gem	19 44.0	-14 09	22"	9.3	Sgr	planetary nebula ring
DS047	N6826 Blinking	19 44.8	+50 31	128"	8.8	Cyg	planetary nebula disc with central star
DS048	N6888	20 12.0	+38 21	20		Cyg	nebula
DS049	N6905 Blue Flash	20 22.4	+20 07	47"	11.1	Del	planetary nebula disc with central star
DS050	N6946	20 34.8	+60 09	11	8.9	Cep	spiral galaxy structure with bright knots
DS051	N6960 Veil Nebula	20 45.7	+30 43	70		Cyg	nebula
DS052	N6992 Veil Nebula	20 56.4	+31 43	60		Cyg	nebula
DS053	N7023	21 00.5	+68 10	18	7p	Cep	nebula with dust
DS054	N7009 Saturn	21 04.2	-11 22	30"	8	Aqr	planetary nebula irregular
DS055	N7026	21 06.3	+47 51	29"	10.9	Cyg	planetary nebula irregular
DS056	N7331	22 37.1	+34 25	10.7	9.5	Peg	very elongated galaxy dusty with bright co
DS057	N7662	23 25.9	+42 33	32"	8.3	And	planetary nebula ring
DS058	N7789	23 57.0	+56 44	16	6.7	Cas	open cluster dense