

## Constellations by Right Ascension Hour

R.A. h m	Dec. deg	Abrev	Latin Name	English Name	Area deg <sup>2</sup>	Over Mag 6	Over Mag 3	Stellar Density	Culminatn at 20:00	Principal Star	Mag.
00 03	S 35	Scl	Sculptor	Sculptor's Studio	475	51	0	0.107	end. Nov	(Alpha Scl)	4.3
00 20	N 10	Psc	Pisces	Fishes	889	106	0	0.119	end. Nov	Al Rescha	3.8
00 40	N 38	And	Andromeda	Andromeda	722	151	4	0.209	end. Nov	Alpheratz	2.1
01 00	N 60	Cas	Cassiopeia	Cassiopeia	598	145	6	0.242	ealy. Dec	Schedar	2.2
01 00	S 48	Phe	Phoenix	Phoenix	469	67	3	0.143	ealy. Dec	Zaurac	2.4
01 45	S 12	Cet	Cetus	Sea-monster	1231	173	5	0.141	mid. Dec	Menkar	2.5
02 00	N 32	Tri	Triangulum	Triangle	132	24	2	0.182	mid. Dec	Caput Trianguli	3.4
02 30	N 20	Ari	Aries	Ram	441	82	2	0.186	end. Dec	Hamal	2
02 30	S 33	For	Fornax	Furnace	398	55	0	0.138	end. Dec	(Alpha For)	3.9
02 40	S 70	Hyl	Hydrus	Lesser Snake	243	29	3	0.119	end. Dec	(Alpha Hyl)	2.9
03 20	S 52	Hor	Horologium	Clock	249	33	0	0.133	ealy. Jan	(Alpha Hor)	3.9
03 20	N 42	Per	Perseus	Perseus	615	152	7	0.247	ealy. Jan	Algenib	1.8
03 50	S 30	Eri	Eridanus	River	1138	193	4	0.17	mid. Jan	Achernar	0.5
03 50	S 63	Ret	Reticulum	Reticle	114	23	1	0.202	mid. Jan	(Alpha Ret)	3.4
04 30	N 18	Tau	Taurus	Bull	797	217	6	0.272	end. Jan	Aldebaran	0.9
04 50	S 38	Cae	Caelum	Chisel	125	18	0	0.144	end. Jan	(Alpha Cae)	4.5
05 00	S 60	Dor	Dorado	Gold Fish	179	29	1	0.162	end. Jan	(Alpha Dor)	3.3
05 20	N 3	Ori	Orion	Orion, Hunter	594	202	11	0.34	ealy. Feb	Betelgeuse	0.5
05 25	S 20	Lep	Lepus	Hare	290	67	4	0.231	ealy. Feb	Arneb	2.6
05 30	S 52	Pic	Pictor	Painter's Easel	247	55	2	0.223	ealy. Feb	(Alpha Pic)	3.3
05 40	N 70	Cam	Camelopardalis	Giraffe	757	142	0	0.188	mid. Feb	(Alpha Cam)	4.3
05 40	S 34	Col	Columba	Dove	270	69	3	0.256	ealy. Feb	Phact	2.6
05 40	S 77	Men	Mensa	Mesa	153	21	0	0.137	ealy. Feb	(Alpha Men)	5.1
06 00	N 42	Aur	Auriga	Charioteer	657	148	6	0.225	mid. Feb	Capella	0.1
06 40	S 24	CMa	Canis Major	Great Dog	380	137	8	0.361	end. Feb	Sirius	-1.5
07 00	N 22	Gem	Gemini	Twins	514	119	7	0.232	ealy. Mar	Castor	1.6
07 00	S 3	Mon	Monoceros	Unicorn	482	135	0	0.28	ealy. Mar	(Alpha Mon)	4.1
07 30	N 6	CMi	Canis Minor	Little Dog	183	36	2	0.197	mid. Mar	Procyon	0.4
07 40	S 32	Pup	Puppis	Stern, Poop deck	673	233	7	0.346	mid. Mar	(Zeta Pup)	2.3
07 40	S 69	Vol	Volans	Flying Fish	141	28	0	0.199	mid. Mar	(Alpha Vol)	4
07 50	N 45	Lyn	Lynx	Wildcat	545	89	1	0.163	mid. Mar	(Alpha Lyn)	3.1
08 30	N 20	Cnc	Cancer	Crab	506	129	2	0.255	end. Mar	Acubens	4.3
08 40	S 60	Car	Carina	Keel	1083	198	11	0.183	end. Mar	Canopus	-0.7
08 50	S 28	Pyx	Pyxis	Compass	221	45	0	0.204	ealy. Apr	(Alpha Pyx)	3.7
09 30	S 45	Vel	Vela	Sail	500	211	6	0.422	mid. Apr	(Delta Vel)	2
10 00	S 35	Ant	Antlia	Pump	239	43	0	0.18	end. Apr	(Alpha Ant)	4.3
10 10	S 1	Sex	Sextans	Sextant	314	24	0	0.076	end. Apr	(Alpha Sex)	4.5
10 20	N 33	LMi	Leo Minor	Little Lion	232	36	0	0.155	end. Apr	(Beta LMi)	4.2
10 30	S 20	Hya	Hydra	Sea Snake	1303	206	4	0.158	end. Apr	Alphard	2
10 30	N 15	Leo	Leo	Lion	947	133	7	0.14	end. Apr	Regulus	1.4
10 40	S 78	Cha	Chamaeleon	Chameleon	132	24	0	0.182	end. Apr	(Alpha Cha)	4.1
11 00	N 58	UMa	Ursa Major	Big Bear	1280	199	14	0.155	ealy. May	Dubhe	1.8
11 20	S 15	Crt	Crater	Goblet	282	45	0	0.16	ealy. May	Alkes	4.1
12 20	S 18	Crv	Corvus	Crow	184	27	4	0.147	end. May	Al Chiba	4
12 20	S 60	Cru	Crux	Southern Cross	68	46	5	0.676	end. May	AcruX	1.4
12 30	S 70	Mus	Musca	Fly	138	52	2	0.377	end. May	(Alpha Mus)	2.7
12 40	N 23	Com	Coma Berenices	Hair of Berenice	386	67	0	0.174	end. May	Diadem	4.3
13 00	N 40	CVn	Canes Venatici	Hound Dogs	465	62	1	0.133	ealy. Jun	Col Caroli	2.9
13 20	S 47	Cen	Centaurus	Centaurus	1060	289	14	0.273	ealy. Jun	Alpha Centauri	0
13 20	S 2	Vir	Virgo	Virgin	1294	136	5	0.105	ealy. Jun	Spica	1
14 35	N 30	Boo	Bootes	Herdsmen	907	164	5	0.181	end. Jun	Arcturus	0
14 50	S 63	Cir	Circinus	Compass	93	33	1	0.355	end. Jun	(Alpha Cir)	3.2
15 00	S 40	Lup	Lupus	Wolf	334	115	7	0.344	ealy. Jul	(Alpha Lup)	2.3
15 10	S 14	Lib	Libra	Balance	538	96	3	0.178	ealy. Jul	Zuben el Genubi	2.8
15 35	N 10	Ser	Serpens (Caput)	Serpent(head)	428	57	1	0.133	mid. Jul	Unuk al Hay	2.7
15 40	N 30	CrB	Corona Borealis	Northern Crown	179	35	1	0.196	mid. Jul	Alphecca	2.2

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15 40	S 65	TrA	Triangulum Australe	Southern Triangle	110	33	3	0.3	mid. Jul	(Alpha CrA)	1.9
15 40	N 78	UMi	Ursa Minor	Little Bear	256	39	3	0.152	mid. Jul	Polaris	2
16 00	S 76	Aps	Apus	Bird of Paradise	206	35	0	0.17	mid. Jul	(Alpha Aps)	3.8
16 00	S 50	Nor	Norma	Scale	165	41	0	0.248	mid. Jul	(Delta Nor)	4.7
16 30	S 26	Sco	Scorpius	Scorpion	497	183	17	0.368	end. Jul	Antares	1
17 00	N 60	Dra	Draco	Dragon	494	210	6	0.425	ealy. Aug	Thuban	3.7
17 10	S 55	Ara	Ara	Altar	237	59	4	0.249	ealy. Aug	(Alpha Ara)	3
17 10	N 27	Her	Hercules	Hercules	1225	245	6	0.2	ealy. Aug	Ras Algethi	3.2
17 10	S 5	Oph	Ophiuchus	Serpent Holder	948	165	7	0.174	ealy. Aug	Ras Alhague	2.1
18 00	S 5	Ser	Serpens (Cauda)	Serpent(tail)	208	18	1	0.087	mid. Aug		
18 30	S 41	CrA	Corona Australis	Southern Crown	128	46	0	0.359	end. Aug	Alphecca Meridiana	4.1
18 35	S 10	Sct	Scutum	Shield	109	37	0	0.339	end. Aug	(Alpha Sct)	3.9
18 45	N 36	Lyr	Lyra	Lyre	286	71	3	0.248	end. Aug	Vega	0
19 00	S 25	Sgr	Sagittarius	Archer	867	194	10	0.224	ealy. Sep	Rukbat	4.1
19 00	S 52	Tel	Telescopium	Telescope	252	51	1	0.202	ealy. Sep	(Alpha Tel)	3.5
19 10	S 65	Pav	Pavo	Peacock	378	73	1	0.193	ealy. Sep	Peacock	1.9
19 30	N 2	Aql	Aquila	Eagle	652	110	6	0.169	mid. Sep	Altair	0.8
19 40	N 18	Sge	Sagitta	Arrow	80	28	1	0.35	mid. Sep	Scham	4.4
20 10	N 25	Vul	Vulpecula	Little Fox	268	33	6	0.123	mid. Sep	(Alpha Vul)	4.4
20 30	N 43	Cyg	Cygnus	Swan	804	267	6	0.332	end. Sep	Deneb	1.3
20 40	N 12	Del	Delphinus	Dolphin	189	49	0	0.259	end. Sep	Sualocin	3.9
20 50	S 20	Cap	Capricornus	Goat	414	100	3	0.242	ealy. Oct	Algedi	4.2
20 50	S 37	Mic	Microscopium	Microscope	210	36	0	0.171	end. Sep	(Alpha Mic)	4.9
21 00	S 87	Oct	Octans	Octant	291	56	0	0.192	ealy. Oct	(Alpha Oct)	5.2
21 10	N 6	Eqe	Equuleus	Little Horse	72	20	2	0.278	ealy. Oct	Kitalpha	3.9
21 20	S 58	Ind	Indus	Indian	294	39	1	0.133	ealy. Oct	(Alpha Ind)	3.1
22 00	N 70	Cep	Cepheus	Cepheus	588	140	5	0.238	mid. Oct	Alderamin	2.4
22 10	S 32	PsA	Piscis Austrinus	Southern Fish	245	41	1	0.167	end. Oct	Fomalhaut	1.4
22 20	S 13	Aqr	Aquarius	Water Bearer	980	148	1	0.151	end. Oct	Sadalmelik	3
22 20	S 47	Gru	Grus	Crane	366	61	4	0.167	end. Oct	Alnair	1.7
22 25	N 43	Lac	Lacerta	Lizard	201	62	0	0.308	end. Oct	(Alpha Lac)	3.8
22 30	N 17	Peg	Pegasus	Winged Horse	1121	204	8	0.182	end. Oct	Markab	2.5
23 45	S 68	Tuc	Tucana	Toucan	295	44	1	0.149	mid. Nov	(Alpha Tuc)	2.9

### Zodiac Constellations (Included Above):

00 20	N 10	Psc	Pisces		♓	106	0	0.119	end. Nov	Al Rescha	3.8
02 30	N 20	Ari	Aries	Vernal Equinox	♈	82	2	0.186	end. Dec	Hamal	2
04 30	N 18	Tau	Taurus		♉	217	6	0.272	end. Jan	Aldebaran	0.9
07 00	N 22	Gem	Gemini		♊	119	7	0.232	ealy. Mar	Castor	1.6
08 30	N 20	Cnc	Cancer	Summer Solstice	♋	129	2	0.255	end. Mar	Acubens	4.3
10 30	N 15	Leo	Leo		♌	133	7	0.14	end. Apr	Regulus	1.4
13 20	S 2	Vir	Virgo		♍	136	5	0.105	ealy. Jun	Spica	1
15 10	S 14	Lib	Libra	Autumnal Equinox	♎	96	3	0.178	ealy. Jul	Zuben el Genubi	2.8
16 30	S 26	Sco	Scorpius		♏	183	17	0.368	end. Jul	Antares	1
19 00	S 25	Sgr	Sagittarius		♐	194	10	0.224	ealy. Sep	Rukbat	4.1
20 50	S 20	Cap	Capricornus	Winter Solstice	♑	100	3	0.242	ealy. Oct	Algedi	4.2
22 20	S 13	Aqr	Aquarius		♒	148	1	0.151	end. Oct	Sadalmelik	3