



NOTE: Data last updated 1/2021
 List periodically updated to provide most recent object data measurements from the Washington Double Star Catalog.
 Software and apps may display older measurements.

The Washington Double Star Catalog (WDS) maintained by the United States Naval Observatory is the world's principal database of astrometric double and multiple star information.

Appendix A: Advanced Binocular Double Star List										1/2021
Cons.	WDS Designation	HD unless otherwise noted	SAO unless otherwise noted	RA	Dec.	Magnitudes	Δm	Seps (")	PAs (°)	WDS object data last measured
AND	H 5 17 AB	π		00 36 9	+ 33 43	4.4, 7.1	2.7	36	175	2019
AND	STF 47 AB	3743	HIP 3163	00 40 3	+ 24 03	7.3, 8.8	1.5	17	205	2015
AND	STF 2985 AB	218739	52754	23 10 0	+ 47 58	7.2, 8.0	0.8	16	256	2019
AQL	STF 2562 ABD	186226	124969	19 42 8	+ 08 23	7.0, 8.7, 9.9	1.7	27, 117	251, 222	2019
AQL	STF 2646 AB	192290	144199	20 14 4	- 06 03	7.5, 9.3	1.8	18	40	2015
AQR	STF 2787 AB	203383	126730	21 21 8	+ 02 02	7.5, 8.6	1.1	23	20	2014
AQR	STF 2809	205765	145533	21 37 6	- 00 23	6.2, 9.4	3.2	31	163	2014
AQR	HJ 5355 ABC	214460	165211	22 38 6	- 14 04	7.5, 8.8, 9.4	1.3, 0.6	84, 107	289, 359	2015
AQR	STF 2993 AB & S 826 C	219175	146577	23 14 1	- 08 55	7.6, 8.2, 9.1	0.6, 0.9	25, 79	175, 132	2018
AUR	STF 681	34533	40251	05 20 7	+ 46 58	6.6, 9.2	2.6	23	183	2020
AUR	STF 872 AB	43017	58905	06 15 6	+ 36 09	6.9, 7.4	0.5	11	216	2020
BOO	STF 1821	$\kappa 2 \& 1$		14 13 5	+ 51 47	4.5, 6.6	2.1	14	235	2019
CAM	STT 54 AB	21476	HIP 16459	03 32 0	+ 67 35	7.7, 9.0	1.3	22	1	2015
CAM	STF 396 AB	21769	24093	03 33 5	+ 58 46	6.4, 7.7	1.3	21	245	2019
CAM	STF 1122	61907	14311	07 45 9	+ 65 09	7.8, 7.8	0.0	15	186	2019
CAM	STF 1625 AB	106799	2009	12 16 2	+ 80 08	7.2, 7.8	0.6	15	217	2017
CAP	S 763 AB	198063	163895	20 48 4	- 18 12	7.2, 7.8	0.6	16	293	2019
CAS	STF 3053 AB	225009	10937	00 02 6	+ 66 06	6.0, 7.2	1.2	15	70	2018
CAS	STF 60 AB	η		00 49 1	+ 57 49	3.5, 7.4	3.9	13	326	2019
CAS	ES 940 AB	5492	21871	00 57 3	+ 52 14	7.3, 10.1	2.8	62	359	2015
CAS	HJ 2028 AB	7406	4360	01 16 6	+ 74 02	7.1, 7.9	0.8	63	204	2018
CAS	S 397	35		01 21 1	+ 64 39	6.3, 8.6	2.3	57	342	2018
CEP	STF 2816 ACD	206267	33626	21 39 0	+ 57 29	5.7, 7.5, 7.5	1.8, 0.0	12, 21	121, 339	2018
CEP	STF 2840 AB	208095	33819	21 52 0	+ 55 48	5.6, 6.4	0.8	18	197	2018
CEP	STF 2873 AB	209942	3673	21 58 2	+ 82 52	7.0, 7.5	0.5	14	66	2017
CET	HJ 1968 AB	2394	147286	00 27 7	- 16 25	7.3, 10.0	2.7	37	234	2015
CET	STF 39 AB-C	3125	128831	00 34 5	- 04 33	7.1, 8.7	1.6	19	45	2018

CET	HJ 2052	9336	147861	01 31 6	- 19 01	6.9, 7.5	0.6	81	114	2015
CET	STF 231 AB	66		02 12 8	- 02 24	5.7, 7.7	2.0	17	235	2019
CET	STF 274 AB	15695	110591	02 31 5	+ 01 06	7.5, 7.6	0.1	14	220	2015
CET	HJ 3511	16263	167903	02 36 0	- 21 24	7.2, 8.7	1.5	15	98	2018
CMA	S 518	45016	151462	06 24 4	- 16 13	7.0, 8.4	1.4	17	88	2019
CMA	SHJ 73	v1		06 36 4	- 18 40	5.8, 7.4	1.6	17	265	2019
CMA	H 5 65 ABCD	17		06 55 0	- 20 24	5.8, 8.7, 9.2, 9.7	2.9, 0.5, 0.5	43, 49, 128	147, 187, 187	2015
CNC	BUP 111 AB & ARN 2 C	ψ1		08 10 2	+ 25 51	6.6, 9.3, 8.8	2.7, 0.5	81, 188	49, 22	2016
COM	STF 1657	24		12 35 1	+ 18 23	5.1, 6.3	1.2	20	272	2018
COM	STF 1685 AB	111844	100307	12 51 9	+ 19 10	7.3, 7.8	0.5	16	202	2018
CRB	H 5 38	23		16 22 9	+ 32 20	6.4, 9.8	3.4	31	16	2015
CYG	STF 2578 AB	186901	68805	19 45 7	+ 36 05	6.4, 7.0	0.6	15	125	2019
DEL	STF 2690 A-BC	195483	106196	20 31 2	+ 11 16	7.1, 7.4	0.3	18	255	2019
DRA	STF 2273 AB	164984	17717	17 59 2	+ 64 09	7.3, 7.6	0.3	21	282	2019
DRA	STF 2278 ABC	165501	30715	18 02 9	+ 56 26	7.8, 8.1, 8.5	0.3, 0.4	36, 34	29, 39	2019
DRA	STF 2549 ACD	184562	18378	19 31 2	+ 63 19	8.3, 9.3, 8.0	1.0, 1.3	28, 56	285, 269	2010
ERI	STF 576 AB	29482	149776	04 38 0	- 13 02	7.3, 7.9	0.6	12	172	2017
ERI	BU 1236 AC	29674	169640	04 39 6	- 21 15	7.3, 9.0	1.7	40	314	2020
GEM	SHJ 70 AB	15		06 27 8	+ 20 47	6.7, 8.2	1.5	25	203	2019
GEM	STF 1090 ABC	58453	96897	07 26 5	+ 18 31	7.3, 8.2, 9.5	0.9, 1.3	61, 50	98, 79	2015
HER	H 5 127	150891	121816	16 43 6	+ 06 37	7.8, 9.0	1.2	53	294	2016
HER	STF 2280 AB	100	85752	18 07 8	+ 26 06	5.8, 5.8	0.0	14	183	2019
HYA	STF 1255 AB	73668	117000	08 39 7	+ 05 46	7.3, 8.6	1.3	26	30	2020
HYA	STF 1347	81029	117641	09 23 3	+ 03 30	7.3, 8.3	1.0	21	312	2016
HYA	SHJ 110 AC	87344	155704	10 04 0	- 18 06	6.2, 7.0	0.8	21	274	2019
HYA	HJ 4305	89694	178706	10 20 6	- 23 38	7.7, 9.7	2.0	17	216	2015
LAC	HJ 1735 ABD	210405	51698	22 09 3	+ 44 51	6.7, 9.7, 6.8	3.0, 2.9	27, 110	110, 286	2018
LIB	STF 1962	139461	140672	15 38 7	- 08 47	6.4, 6.5	0.1	12	189	2019
LUP	PZ 4	ξ1&2		15 56 9	- 33 58	5.1, 5.6	0.5	10	50	2016
LYN	STF 1065	20		07 22 3	+ 50 09	7.5, 7.7	0.2	15	256	2017
LYR	STF 2470	178849	67870	19 08 8	+ 34 46	7.0, 8.4	1.4	14	267	2017
LYR	STF 2474 AB	178911	67879	19 09 1	+ 34 36	6.8, 7.9	1.1	16	263	2019
LYR	STT 356 AB	171485	47587	18 33 2	+ 40 10	7.3, 9.2	1.9	28	302	2019
MON	STF 914	45380	133263	06 26 7	- 07 31	6.3, 9.3	3.0	21	300	2019
MON	STT 146	46178	95803	06 32 4	+ 11 40	6.2, 9.9	3.7	29	140	2012
OPH	ENG 59 AB	30		17 01 1	- 04 13	5.0, 9.7	4.7	100	68	2017
OPH	STF 2202 AB	61		17 44 6	+ 02 35	6.1, 6.5	0.4	21	93	2019
ORI	SHJ 49 ABC	31764	94240	04 59 0	+ 14 33	6.1, 7.4, 9.6	1.3, 2.2	39, 54	306, 89	2020
ORI	STF 627 AB	32040	112305	05 00 6	+ 03 37	6.6, 7.0	0.4	21	260	2020
ORI	S 463	32202	94274	05 01 8	+ 11 23	7.2, 10.1	2.9	33	29	2015
ORI	STF 630 A-BC	32273	112340	05 02 0	+ 01 37	6.5, 7.7	1.2	14	49	2020

ORI	STF 688	34750	150333	05 19 3	- 10 45	7.5, 7.6	0.1	11	95	2020
ORI	STF 855 ABC	42111	113507	06 09 0	+ 02 30	5.7, 6.7, 9.7	1.0, 3.0	29, 118	115, 106	2019
PEG	HO 465 AB	207147	89978	21 46 5	+ 22 10	7.1, 12	4.9	45	246	2012
PEG	BU 1144 A-BC	η		22 43 0	+ 30 13	3.0, 9.9	6.9	92	338	2012
PER	STF 331	18537	23763	03 00 9	+ 52 21	5.2, 6.2	1.0	12	86	2019
PER	STF 519 AB	27276	24554	04 20 9	+ 50 23	7.9, 9.4	1.5	18	348	2015
PER	S 445 AB	27292	24556	04 21 0	+ 50 15	7.3, 8.2	0.9	71	328	2017
PER	STF 533 AB	27770	57211	04 24 4	+ 34 19	7.3, 8.5	1.2	20	61	2017
PER	STF 307 AB	η		02 50 7	+ 55 54	3.8, 8.5	4.7	29	301	2018
PSC	STF 90 AB	77		01 05 8	+ 04 55	6.4, 7.3	0.9	33	84	2018
PSC	STF 100 AB	ζ		01 13 7	+ 07 35	5.2, 6.3	1.1	23	63	2018
PSC	S 398 AB	8949	109907	01 28 4	+ 07 58	6.3, 8.0	1.7	69	100	2010
PSC	STF 136 AB	100	92521	01 34 9	+ 12 34	7.3, 8.3	1.0	16	77	2016
PUP	H N 19	n / 60584	174020	07 34 3	- 23 28	5.8, 5.9	0.0	10	118	2015
PUP	H 3 27 AB	κ1		07 38 8	- 26 48	4.4, 4.6	0.2	11	318	2016
PUP	HJ 4046 AB	67243	198791	08 05 7	- 33 34	6.3, 8.4	2.1	22	88	1999
PYX	HJ 4166 A-BC	77737	199924	09 03 3	- 33 36	7.1, 7.9	0.8	14	154	2020
SCL	HJ 1992	3622	166446	00 38 9	- 25 36	7.8, 8.9	1.1	46	248	2015
SER	SHJ 247	ν		17 20 8	- 12 51	4.3, 9.4	5.1	46	25	2015
SER	HJ 4964	159358	160653	17 34 8	- 11 15	5.5, 9.9	4.4	55	224	2015
SER	STF 2417 AB	θ1		18 56 2	+ 04 12	4.6, 4.9	0.3	22	106	2019
SGR	SHJ 263 AB	167863	161278	18 17 9	- 18 48	6.8, 9.3	2.5	54	11	2019
SGR	SHJ 264 AB-C	168021	161304	18 18 7	- 18 37	6.9, 7.6	0.7	17	51	2019
TAU	STF 401 AB	21743	75970	03 31 3	+ 27 34	6.6, 6.9	0.3	12	270	2020
TRI	STF 239	14082	75265	02 17 4	+ 28 45	7.1, 7.8	0.7	14	212	2019
UMA	STF 1258	74010	42512	08 43 5	+ 48 52	7.7, 7.9	0.2	10	331	2019
UMA	STF 1321 AB	79210	27178	09 14 4	+ 52 41	7.8, 7.9	0.1	17	99	2019
UMA	STF 1415 AB	88849	7099	10 17 8	+ 71 04	6.7, 7.3	0.6	17	168	2019
VIR	STF 1616 AB	106423	119282	12 14 5	+ 08 47	7.6, 9.7	2.1	23	296	2015
VIR	STF 1627	106976	138704	12 18 2	- 03 57	6.6, 6.9	0.3	20	195	2020
VIR	STF 1677	110886	138952	12 45 3	- 03 53	7.3, 8.1	0.8	16	349	2020
VUL	STF 2769 AB	201671	89505	21 10 5	+ 22 27	6.7, 7.4	0.7	19	299	2019