

Object	J2000 Right Ascension (deg)	J2000 Declination (deg)	Kp (mag)	Cad enc e (mi s)	Proper motion ("/yr)		extent (arcsec)	Comments
					$\delta\mu_{\alpha}$	$\delta\mu_{\delta}$		
228683805	187.174499	-12.874736	16.751	30				
228684813	187.480947	-12.655682	17.408	30				
228685556	185.68292	-12.534371	14.861	30				
228685686	189.738033	-12.515576	17.306	30				
228686225	184.340191	-12.448496	15.565	30				
228686318	184.288952	-12.439368	17.099	30				
228687964	187.6627	-12.256515	17.35	30				
228688383	187.528131	-12.215723	16.245	30				
228693220	187.448706	-11.839617	16.664	30				
228693704	188.057256	-11.807246	17.434	30				
228694318	190.34399	-11.761474	17.1	30				
228694754	190.932377	-11.728762	16.93	30				
228698310	186.822305	-11.500917	16.87	30				
228698655	190.673162	-11.480176	15.938	30				
228699005	185.388176	-11.459914	15.727	30				
228700922	183.074551	-11.345315	17.232	30				
228703776	184.603641	-11.18377	17.403	30				
228709816	186.01173	-10.867739	17.616	30				
228712023	186.557157	-10.755884	16.806	30				
228714714	191.088158	-10.618762	16.897	30				
228716383	186.564622	-10.531852	16.928	30				
228717033	184.400782	-10.499234	17.276	30				
228717111	186.943538	-10.494985	16.327	30				
228719931	190.944315	-10.3561	16.805	30				
228722214	192.581291	-10.243277	16.515	30				
228728984	180.985632	-9.914774	17.043	30				
228729526	187.962392	-9.887688	17.267	30				
228730056	188.249469	-9.862999	16.47	30				
228730944	192.256662	-9.820664	15.149	30				
228733109	181.38425	-9.71132	16.254	30				
228733565	184.062572	-9.68856	17.039	30				
228733810	184.692451	-9.677124	16.556	30				
228734941	187.504663	-9.623604	16.134	30				
228737277	193.882992	-9.510183	17.48	30				
228738833	190.733856	-9.435721	16.606	30				
228739024	193.255475	-9.427293	16.812	30				
228740855	179.543391	-9.341642	17.464	30				
228741366	180.393665	-9.317726	16.833	30				
228742117	193.945474	-9.282257	16.379	30				
228743718	182.373069	-9.209274	16.98	30				
228744036	186.995735	-9.192821	16.889	30				
228744931	191.656501	-9.151102	16.337	30				
228745521	189.782202	-9.122795	16.682	30				
228747213	193.426346	-9.046645	16.458	30				
228748881	189.260277	-8.972897	16.92	30				
228752960	191.604856	-8.79306	15.256	30				
228754128	190.825292	-8.741042	16.884	30				
228755025	185.911814	-8.700144	17.021	30				
228755488	186.154945	-8.678821	15.954	30				
228758537	185.190142	-8.54651	16.998	30				
228761333	191.165352	-8.42152	16.928	30				
228764570	184.80163	-8.281496	17.367	30				
228764723	185.615972	-8.274965	15.868	30				
228767177	183.584253	-8.167957	17.545	30				
228768125	188.035023	-8.128114	17.244	30				

228773866	190.397653	-7.882032	16.804	30				
228775871	184.668612	-7.795943	17.366	30				
228776499	184.144547	-7.772307	17.088	30				
228778462	181.442369	-7.687263	16.238	30				
228780657	188.128305	-7.588929	15.955	30				
228784451	180.204858	-7.426103	15.067	30				
228785491	186.510539	-7.383215	17.115	30				
228786289	188.486232	-7.347858	17.083	30				
228786851	190.61651	-7.32517	17.202	30				
228788359	179.666198	-7.261102	17.596	30				
228789037	189.702478	-7.234084	15.949	30				
228791588	193.451165	-7.129165	16.366	30				
228795374	184.343935	-6.978149	16.911	30				
228796019	179.180847	-6.949635	16.707	30				
228804207	188.793058	-6.602197	16.245	30				
228804751	180.517511	-6.579872	16.312	30				
228806837	179.499193	-6.494994	16.039	30				
228807578	193.547184	-6.463617	16.603	30				
228809240	194.911112	-6.391526	17.401	30				
228813243	188.161847	-6.225459	16.799	30				
228813927	189.307763	-6.194783	16.269	30				
228813983	178.974285	-6.192945	16.388	30				
228814993	184.858086	-6.153072	16.842	30				
228817140	178.255227	-6.064975	14.83	30				
228819281	178.730448	-5.975757	15.917	30				
228819907	189.668686	-5.947101	17.396	30				
228822414	178.605611	-5.838773	16.761	30				
228823703	179.816984	-5.78789	16.268	30				
228823785	190.576283	-5.785037	15.125	30				
228824626	189.807512	-5.75119	15.278	30				
228825304	185.368476	-5.723877	17.274	30				
228825494	184.695248	-5.716391	17.458	30				
228826826	183.847911	-5.661541	17.434	30				
228827221	178.802539	-5.64416	15.796	30				
228827302	182.935124	-5.640842	16.917	30				
228828158	183.372024	-5.605549	17.022	30				
228828484	187.652282	-5.590763	16.913	30				
228830432	188.401982	-5.509171	16.041	30				
228831064	179.76463	-5.485181	17.473	30				
228833709	194.875915	-5.376494	16.576	30				
228834877	179.790468	-5.324469	17.085	30				
228836048	195.689123	-5.278443	16.72	30				
228836252	189.662278	-5.270782	17.161	30				
228836809	184.662866	-5.245771	16.02	30				
228837117	190.576348	-5.232587	16.774	30				
228837236	188.555214	-5.227622	16.869	30				
228837617	182.559958	-5.212234	17.232	30				
228838749	181.011523	-5.162077	15.18	30				
228842325	183.299941	-5.015185	16.939	30				
228843158	195.0368	-4.980198	15.276	30				
228843471	178.986724	-4.967709	17.429	30				
228847062	187.423505	-4.81499	17.147	30				
228850191	188.150986	-4.684855	17.226	30				
228853638	188.563658	-4.53845	17.013	30				
228856878	185.291737	-4.399474	17.472	30				
228858102	181.765233	-4.347565	17.243	30				

228861319	180.236089	-4.213983	17.03	30				
228870001	183.694714	-3.842479	15.871	30				
228870669	183.955384	-3.81058	17.205	30				
228882761	191.230409	-3.57231	17.26	30				
228884161	189.12002	-3.549039	16.167	30				
228884543	184.959259	-3.542459	16.578	30				
228886793	192.375437	-3.505432	16.724	30				
228891952	194.968765	-3.418434	16.365	30				
228893822	192.280304	-3.384737	17.466	30				
228897332	181.411708	-3.323115	17.077	30				
228899280	182.07444	-3.288548	15.993	30				
228905070	194.092584	-3.186408	17.465	30				
228910918	187.785433	-3.087079	16.322	30				
228912497	189.880404	-3.058031	16.932	30				
228924533	194.593414	-2.846655	15.83	30				
228929235	194.331465	-2.764026	16.588	30				
228932642	181.814025	-2.702703	17.589	30				
228934080	193.844966	-2.67769	16.104	30				
228941660	187.203171	-2.540805	16.862	30				
228944579	194.480485	-2.489092	16.601	30				
228961113	187.857081	-2.196418	17.04	30				
228966470	184.451416	-2.097433	17.302	30				
228967824	179.719626	-2.073536	16.724	30				
228968438	186.297895	-2.062116	15.234	30				
228978538	184.084504	-1.876883	17.027	30				
228979712	190.228272	-1.855514	17.183	30				
228980212	185.61454	-1.846457	17.634	30				
228985433	192.295762	-1.752713	15.235	30				
228987998	191.93595	-1.706429	17.538	30				
229006253	193.724709	-1.379858	17.385	30				
229007939	194.574358	-1.349626	16.258	30				
229007960	194.586584	-1.349229	15.43	30				
229024655	190.407201	-1.00507	16.612	30				
229024686	194.09002	-1.004441	16.608	30				
229026314	186.307504	-0.965855	16.477	30				
229027433	179.452482	-0.939435	16.583	30				
229035565	193.935714	-0.758417	16.679	30				
229036458	189.848315	-0.739574	16.48	30				
229039728	183.178966	-0.665924	15.795	30				
229043198	192.013921	-0.586113	17.277	30				
229049114	192.24418	-0.450763	16.449	30				
229049336	181.943959	-0.445439	17.506	30				
229050405	194.63642	-0.421262	18.034	30				
229052691	191.718213	-0.371433	16.979	30				
229053096	186.831907	-0.363571	17.083	30				
229054546	194.393467	-0.331929	17.656	30				
229055602	179.949145	-0.310662	16.032	30				
229057970	191.664476	-0.259572	16.585	30				
229059908	181.467352	-0.215705	16.592	30				
229062537	187.908407	-0.152221	16.064	30				
229067969	184.343384	-0.020695	15.319	30				
229070711	189.868717	0.045794	16.714	30				
229071664	182.32753	0.067674	16.504	30				
229073041	184.026494	0.09865	15.933	30				
229074387	190.305266	0.130378	15.792	30				
229080150	186.76434	0.273642	16.456	30				

229080456	182.159772	0.282874	16.868	30				
229082503	194.435738	0.336414	16.747	30				
229083707	185.851498	0.366902	16.617	30				
229088675	189.170377	0.487754	17.299	30				
229090624	182.09293	0.534804	16.804	30				
229095251	189.785303	0.651068	15.224	30				
229096699	192.029398	0.68972	17.195	30				
229099495	189.609046	0.763755	17.293	30				
229107655	193.340955	0.973503	17.411	30				
229114639	187.082841	1.159037	15.187	30				
229125592	182.114714	1.421473	16.577	30				
229126059	191.975286	1.432296	16.897	30				
229132948	186.772685	1.595853	17.037	30				
229134379	187.787251	1.627934	17.425	30				
229136269	189.671973	1.672892	15.428	30				
229136586	180.258881	1.680414	17.063	30				
229139939	185.099988	1.758316	16.953	30				
229140239	185.804471	1.764844	16.883	30				
229141930	190.182218	1.806038	17.102	30				
229145351	187.648318	1.88749	16.986	30				
229145678	186.129796	1.895498	17.09	30				
229164817	191.273431	2.395236	17.235	30				
229170488	184.03079	2.55174	17.082	30				
229172845	188.13759	2.617191	16.655	30				
229184001	192.425971	2.951471	15.696	30				
229184090	181.507677	2.954086	17.543	30				
229193514	191.677436	3.259747	15.041	30				
229198994	183.381792	3.452956	16.713	30				
229207475	183.646335	3.766764	15.048	30				
229210019	189.628743	3.864678	16.541	30				
229212946	183.168348	3.98979	16.03	30				
229216813	185.217704	4.179939	17.364	30				
229220168	188.303989	4.35217	16.78	30				
229220718	187.180592	4.384717	15.964	30				
229221195	183.679591	4.417629	15.954	30				