

Updated 4/7/17								
Stellar objects observed since 2012 using the current photometer.								
An additional ~700 observations were made with the previous "coincidence"								
photometer (2010-2012), but are not accounted for here. Also, 60 pages of logs								
still need to be scrutinized for stellar observations not yet accounted for here.								
		# obs.	# obs.			# obs.	# obs.	
	HIP#	R1578	R3896		HIP#	R1578	R3896	
	or other	(250 to	(200 to		or other	(250 to	(200 to	
		570 nm)	820 nm)			570 nm)	820 nm)	
RA Hour 0	171	1		RA Hour 1	4643	1		
page 1	263	1	1		4691		1	
	400	1	1		4692	1		
	439	1			4699	1		
	669	1			4702		1	
	687	3	1		4702	1		
	722	1			4815		1	
	867	1			4815	1		
	897	1			4833	1		
	943	1			4951	1		
	999	1			5011	1		
	1174	1			5027		1	
	1242	1			5033	1		
	1295	1	1		5041	1		
	1339	1			5136	1		
	1412		1		5151	1		
	1427		1		5158		1	
	1444	1			5260		1	
	1463	1	1		5373		1	
	1499	2	1		5643		1	
	1532	1			5663		1	
	1546	1			5938		1	
	1546	1			5957	1		
	1608		1		6005		1	
	1625	1			6008	1	1	
	1679	1			6037		1	
	1768	2			6097	1	1	
	1780	1			6273		1	
	1803	1			6273	1		
	1837	3			6276	1	1	
	1936	1			6305	1	1	
	1950		1		6342	1		
	2014		1		6391	1	1	
	2201		1		6404	1	1	
	2247	1	1		6414		1	

RA Hour 0	2350		1		RA Hour 1	6456	1	1
page2	2846		1			6510	1	
	2909		1			6626		1
	2941	1				6795		1
	3125	1				7076	1	
	3185	2	1			7080	1	
	3202	1				7170		1
	3304	1				7235	1	
	3342	2				7296	1	
	3378	1	1			7372	1	
	3443		1			7372		1
	3479		1			7799	1	
	3493	1				7821		1
	3502		1			8043	2	
	3535	2	1			8067	1	
	3645	1				8069	1	
	3745		1			8102		1
	3773	1				8188	1	1
	3850	2	1			8434		1
	3870	1				8438	1	
	3937		1			8486	1	1
	3948	1				8543	1	
	3979	1				8674	1	
	3998	1	1			8691		1
	4022	1				8768		1
	4022	1				8770		1
	4024	1				8881	1	
	4067	1	1			9067	1	
	4148	2				9148		1
	4195		1			9170		1
	4213	1				9216	1	
	4297		1			9269	1	
	4418	1						
	4569	2						
	4702	1						
	4815	1						
	GJ3024		1					
	GJ3026	1						
	GJ3039	1	1					
	GJ3051	1	1					
	GJ3055		1					
	GJ3056	1	1					
	GJ3057	1	1					
	GJ3061		1					
	LHS 1022	1	1					
	LHS 1052		1					
	LHS 1084	1	1					



<b>RA Hour 2</b>	9560		1		<b>RA Hour 3</b>	13891		1
page 1	9603		1			13976	2	1
	9617	1				14054	1	
	9660		1			14055	1	
	9678	1				14073	1	
	9692	1				14101	22	
	9749		1			14105	1	
	9786		1			14120		1
	9788	1				14124		1
	9829		1			14135		1
	9888		1			14150	2	1
	9946		1			14241		1
	9957		1			14258	1	
	10012		1			14261	1	
	10072		1			14352	1	
	10164		1			14445	4	1
	10191		1			14478		1
	10272		1			14555		1
	10279		1			14623		1
	10337		1			14648	1	
	10370		1			14731	2	1
	10395		2			14803		1
	10416		1			14810		1
	10483		1			14954	1	
	10500		1			14992	1	
	10505		1			15020		1
	10545	1				15074		1
	10617		1			15087		1
	10712		1			15095		1
	10798		1			15099	3	
	10812		1			15099		1
	10858		1			15126		1
	10872		1			15131	2	
	10925		1			15207	1	
	10931	1				15253		1
	10989		1			15266		1
	10990	1				15278		1
	10991	1				15301	1	
	11000		1			15310		1
	11321		1			15323	1	1
	11349		1			15332		1
	11452		1			15362		1
	11452		1			15366		1
	11501	1				15368		1
	11507		1			15368		1
	11558		1			15374		1
	11759	1	1			15383	1	

RA Hour 2			1		RA Hour 3	15406		1
page2	11843		1			15427	1	
	11928		1			15442	4	1
	11964		1			15443	1	
	12048		1			15457	1	
	12048		1			15493		1
	12097		1			15510	1	
	12110		1			15526		1
	12158		1			15527		1
	12158		1			15563	2	1
	12248		1			15578		2
	12347		1			15599	1	
	12411		1			15599		1
	12493		1			15673		1
	12723		1			15703	1	
	12749		1			15797		1
	12897	1				15799	2	
	12926		1			15800		1
	12929		1			15844		1
	12961		1			15868	1	
	13184	1				15919	2	1
	13258		1			16097	1	
	13342		1			16110	1	
	13345		1			16144		1
	13388		1			16184	1	
	13402		1			16209		1
	13513		1			16227	1	1
	13601		1			16240		1
	13769		1			16242	1	
	13772		1			16270	1	
	13841		1			16310	1	
	13891		1			16360	1	
	13908	1				16445		1
	13908		1			16486	1	
	GJ3156		1			16537	1	
	GJ3159		1			16727	1	
	GJ3165		1			16733	1	
	LHS 1358		1			16847	1	
	LHS 1373		1			16864	1	
	LHS 1434		1			17013	1	1
	LHS 1467		1			17024		1
	LHS 1481		1			17147	4	
	LHS 157		1			17147	1	
	LHS 163		1			17207	3	1
	LHS 5061		1			17272		1
	LHS 6041		1			17275	1	
	LHS1376		1			17277		1

RA Hour 2					RA Hour 3		
					17336		1
page 3					17338	1	
					17346		1
					17365	1	
					17378	1	
					17405	1	1
					17406	1	
					17406	1	
					17414		1
					17420	4	
					17429		1
					17436	1	
					17439	3	
					17458		1
					17461	1	
					17491		1
					17496		1
					17544		1
					17597	1	
					17609		1
					17666		1
					17743	3	1
					17747		1
					17819	1	
					17825	1	
					17852	2	
					17852	1	
					17863		1
					17865	1	
					17956		1
					17960		1
					18018		1
					18097		1
					18180		1
					18187	1	
					18267	2	1
					18267		1
					18317		1
					18433		1
					18450	2	
					18512	2	1
					18531		1
					18877	1	
					GJ1054		1
					GJ3209		1
					GJ3213		1
					GJ3221		1



RA Hour 4	18714	1			RA Hour 5	23242	1	
page 1	18859	1				23248	1	
	19076	1				23263	1	
	19394	1				23277	1	
	19394		1			23286	1	
	19758	1				23311	1	1
	19820	1				23312	1	
	19849	1				23322	1	
	19855	1				23384	1	
	19855	1				23431	1	2
	19859	1				23437	3	
	19859	1				23443	1	
	19875	1				23446	1	
	20009	1				23452	4	
	20168	1				23486	1	
	20199	1	1			23512	2	
	20215	1				23516	1	
	20309	1				23541	1	
	20309		1			23573	1	
	20331	1				23626	1	
	20440		1			23627	1	
	20441	1				23716	1	
	20485		1			23786	4	1
	20492		1			23802	1	
	20527		1			23802	1	
	20551	1				23831	1	
	20553		1			23831	1	
	20561	1				23844		1
	20577	1	1			23852	2	1
	20605		1			23899		1
	20611	1				23951	1	
	20630	1				23951	1	
	20719	1	1			24037	1	
	20741	1	1			24069	2	1
	20745		1			24076	1	
	20762		1			24078	1	1
	20781	2				24177		1
	20811	1				24186	5	1
	20827		1			24192	1	
	20852		1			24205	3	1
	20877	1				24210	4	1
	20916		1			24240	1	
	20917	1				24243	1	1
	20948	1				24275	1	
	20967	1				24284	3	2
	20978	1	1			24289	1	
	21053		1			24301		1



RA Hour 4	21070	1			RA Hour 5	24301	1	
page 2	21079	1				24454	2	1
	21081	1				24457	1	1
	21179		1			24472	2	1
	21186	1				24480	1	
	21223		1			24679	1	
	21257		1			24681		1
	21272	1				24777	1	
	21284	1	1			24783	1	
	21317		1			24786	5	
	21327		1			24819	1	1
	21368	1				24834	1	
	21431	1				24874	2	
	21438	1				25002	1	
	21474		1			25119	1	1
	21477	1				25191		2
	21482	1				25220	3	1
	21543	1				25388	1	
	21698	1				25421	7	1
	21703		1			25623	1	
	21710		1			25654	1	
	21733	1	1			25662	2	1
	21762		1			25716	1	
	21818	1				25765	1	
	21839	1				25775	1	1
	21865		1			25878	4	1
	21888	1				25953	2	1
	21912		1			26013		1
	21923	1				26014		1
	21932	2	1			26081		1
	21934	1				26113		1
	21946	1				26175	1	
	21988	1				26274	1	
	22087	1				26335	1	1
	22121	1	1			26346	1	
	22122	4	1			26369		1
	22175	1				26373	5	1
	22176	2				26381		1
	22177	1				26384		1
	22257		1			26501		1
	22281	1				26505		1
	22286	1				26542	1	1
	22319	1				26653		1
	22320	1				26664	1	1
	22336	1				26676		1
	22336					26766		1
	22349	1				26807	1	

<b>RA Hour 4</b>	22373	1			<b>RA Hour 5</b>	26834	3	1
page 3	22380	1				26844	1	1
	22425	1				26857	1	1
	22451	4	1			26864	1	
	22496	1				26974		1
	22506	1				26977		1
	22524	1				27127		1
	22589	1				27207	1	1
	22604	1				27260		1
	22627	2				27323		1
	22688	1				27359	3	1
	22715	1				27384		1
	22762	5				27397	4	1
	22771	1				27417		1
	22787		1			27435	5	
	22826		1			27578	1	
	22907	1				27799		1
	22907	2	1			27802	1	
	22921	1				27803	1	1
	23036	1				27887	1	
	23127	1				27918	1	1
	23553	1				27922	6	
	23555	1				28066	1	1
	GJ3284	1	1			28150	1	
	GJ3297		1			28153		1
	GJ3313	1				28267	5	1
	GJ3368	1				28393		1
	LHS 1654		1			29442	1	
	LHS1630	2				APMPM J0544	1	
	LHS1651	3	1			BD211074	1	
	LP 415-636		1			FRB121102		1
	LTT11502	1				GJ1081		1
	RR Caeli	2	2			GJ3226		1
						GJ3328	2	1
						GJ3333	1	1
						GJ3338	1	2
						GJ3353	1	1
						GJ3362		1
						GJ3368	2	
						GL195	1	2
						LHS 206	1	1
						LHS1740	1	1
						LHS1748	1	
						LHS1761		1
						LHS1765	1	2
						LHS1766	1	
						LHS1784	1	2



<b>RA Hour 6</b>	28442	1	1		<b>RA Hour 7</b>	33719	1	1
page 1	28764	1	1			33762	1	
	28767		1			33817	5	1
	28767		1			33818	1	
	28796	1	1			33848	2	1
	28908		1			33852		1
	28954	2	1			33955	1	
	29208	1	1			34017	2	
	29221		1			34052		1
	29295	7				34069	1	
	29316	2	1			34164		1
	29330	1				34222	1	1
	29432	1	1			34341		1
	29479	1				34361		1
	29525	1	1			34407	1	
	29550		1			34414	5	1
	29568	6				34423	1	2
	29611	1	1			34426	1	
	29860	1				34511	1	
	29875		1			34540	1	
	30051	1				34567	6	1
	30057		1			34603	1	1
	30104	1	1			34633		1
	30112	1	1			34673		1
	30114		1			34739		1
	30225	1				34785		1
	30256	1				34796		1
	30314	2				34950	1	1
	30476	2	1			35071	1	
	30502	1				35185		1
	30503	6	1			35191	2	1
	30579		1			35221		1
	30630	1	1			35265	1	3
	30711	1	1			35296	3	1
	30860		1			35353	1	1
	30862		1			35495	1	
	30893		1			35495	1	1
	30905		1			35750		1
	30920	2	1			35821	1	2
	30979	1	1			35823	1	
	31083	1	1			35872	2	1
	31126	2	1			35943	1	1
	31142		1			36121		1
	31148	1	1			36208	11	2
	31188		1			36210	2	
	31246		1			36215	1	1
	31300	1				36249		1

RA Hour 6			1		RA Hour 7	36285	1	2
page 2	31374					36310	1	
	31425		1			36319	1	
	31540					36338	3	1
	31592		1			36357	4	1
	31609		1			36481	1	
	31634	1	1			36485	1	
	31635	2	1			36491	1	
	31660	1	1			36497	1	
	31711	1				36515	3	1
	31895		1			36551	1	
	32009	1				36551		1
	32010		1			36557	1	
	32043	1	1			36626	2	2
	32270	1				36627	2	2
	32308	1	1			36704	2	1
	32423	1				36827	5	1
	32423		1			36853	1	1
	32644	1				37177	1	2
	32723		1			37288	3	1
	32754		1			37349	7	1
	32789	1				37484		1
	32916		1			37494		1
	32919		1			37645	1	
	32939	1	1			37766	6	1
	32970		1			37798	1	1
	32984	2	1			37853	1	
	33004	1				37978	1	2
	33094	1	1			38082	3	
	33212		1			38082		1
	33226		1			38228	3	1
	33241		1			38382	3	1
	33322		1			38541	1	1
	33373		1			38594		1
	33411		1			38625	1	1
	33428		1			38657	6	1
	33499	3	1			38910		1
	33537		1			38931		1
	33560	2				38939		1
	33690	1				38965		1
	GJ3383	1	1			38992	2	1
	GJ3384		1			39064	7	1
	GJ3391		1			39096		1
	GJ3399		1			GJ282B	1	1
	GJ3402		1			GJ3423	1	1
	GJ3413		1			GJ3424	1	2
	GJ3416		1			GJ3437		1
	GJ3418	2	1					



RA Hour 8	39157	2	1		RA hour 9	44263		1
page 1	39417		1			44295	4	1
	39436		2			44376	3	1
	39450		1			44458		1
	39452		1			44526	1	1
	39457		1			44722	12	1
	39494		1			44821	1	1
	39495		1			44823		1
	39506		1			44858		1
	39612		1			44864		1
	39695		2			44880	1	
	39710		1			44899		1
	39748		1			44920		1
	39820		1			44955		1
	39826		1			45162		1
	39896		1			45170	6	1
	39950		1			45383	2	1
	40118	1	1			45401		1
	40138		1			45406		1
	40170		1			45617	4	1
	40239	2	1			45737	4	1
	40283		1			45839	2	2
	40375		1			45917		1
	40459		2			45963	1	1
	40501	2	1			46034	1	
	40524		1			46076		1
	40671		1			46087	3	1
	40693	4				46203		1
	40774	3	1			46244		1
	40897		2			46383		1
	40910		1			46389	1	
	40914		1			46390		1
	40952	2	1			46404	1	
	41005		2			46488	1	1
	41130		1			46543	1	
	41134		1			46549	3	1
	41134		1			46580	2	1
	41209		1			46626	4	1
	41317		3			46654	1	
	41443		1			46655	1	1
	41477		1			46706	5	1
	41479		1			46769		1
	41484	1	1			46799	1	
	41554		1			46816	9	1
	41651		1			46843	5	1
	41661		1			47007	2	1
	41671		1			47076		1

RA Hour 8			1		RA Hour 9	47087		1
page 2	41802		1			47103	4	
	41820		1			47112		1
	41824		1			47201		2
	41880		1			47202		1
	41881		1			47403		1
	41884		1			47425	2	1
	41926	5	1			47436		1
	42011		1			47592	1	
	42030		1			47690		1
	42030		1			47741	1	1
	42074	2	1			47780	3	1
	42075		1			48024		1
	42145		1			48107		1
	42173	2				48113	2	
	42202		1			48133	1	
	42215		1			48235		1
	42267		1			48331	1	
	42282		1			48336	4	1
	42333	4	1			48411	3	1
	42418		1			48429		1
	42430	2				48447	3	1
	42446		1			48502	1	1
	42499		1			48593	2	1
	42507	1	1			48711	1	1
	42563		1			48739		1
	42601		1			48780		1
	42697	4	1			48904	1	1
	42723		1			48953	2	
	42748	2	1			49769	1	
	42762	1	1			76076		1
	42808	5	1			108457		
	42881	2	1			108669		
	42916		1			GJ346	4	1
	42940		1			GJ3530	2	1
	43177	2	1			GJ3538	2	1
	43223		1			GJ3543	2	1
	43297		1			GJ3546		1
	43304		1			GJ3548		1
	43422		1			GJ3554		1
	43510		1			GJ3568		1
	43557	2	1			GJ3572		1
	43667		1			LHS 2149	1	
	43674		1			LHS 2154		1
	43708		1			LHS 2171		1
	43726	5	1			LHS 2186		1
	43756		1			LHS 2206		1
	43790		1					





<b>RA Hour 10</b>	49000		1		<b>RA Hour 11</b>	53337		1
page 1	49046		1			53414		1
	49066		1			53767	3	1
	49091	1	1			53923		1
	49127	1	1			53947	2	1
	49197		1			53953	1	1
	49307		1			53985	3	1
	49324		1			54002	1	
	49366	6	1			54035		1
	49429	1	2			54105		1
	49482		1			54155	4	1
	49522		1			54195	1	1
	49526		1			54211		1
	49544		1			54227	1	1
	49680		1			54288		1
	49680		1			54373	1	
	49699	3	2			54375	1	1
	49699		1			54398	1	
	49767		1			54426		1
	49813		1			54459	3	1
	49830		1			54519	1	1
	49830		1			54532	3	
	49869		1			54541	3	2
	49969	2	1			54569	1	1
	49973	1	1			54573	1	
	49986	5	1			54642		1
	50075	4	1			54646	1	1
	50120		1			54651	1	1
	50130		1			54658		1
	50156	1	1			54697	1	1
	50225		1			54704	3	
	50316		1			54745		1
	50319	1				54803	1	1
	50341	3	2			54810	3	1
	50384	1				54887	1	
	50396		1			54906	4	1
	50473		1			54922	1	
	50564		1			54961	1	
	50582		1			54963	1	
	50643		1			54966	1	
	50660		1			55013		1
	50782	2	1			55077	1	1
	50796		1			55119	1	
	50802		1			55132	1	1
	50887		1			55159		1
	50921	4	1			55210	4	
	50944	3	1			55288	1	

<b>RA Hour 10</b>	51007		1		<b>RA Hour 11</b>	55409	1	
page 2	51143	1				55454	2	
	51157	1	1			55507		1
	51167		1			55605	4	1
	51167		1			55625	3	1
	51208		1			55628		1
	51237		1			55664		1
	51271		1			55718		1
	51301		1			55772	1	1
	51312		1			55846	4	1
	51317	1	1			55848	4	1
	51337		1			55944		1
	51352		1			55955	1	
	51352		1			55973		1
	51396		1			55988	3	2
	51443	1	1			56238	1	1
	51471		1			56242	7	
	51496	1	1			56244	1	
	51514		1			56399		1
	51525		1			56452	3	
	51571		1			56466	1	
	51625		1			56489		2
	51655		1			56508		1
	51664		1			56528	2	1
	51781		1			56572		1
	51897	1				56630		1
	51908		1			56641		1
	51933	2				56712		1
	51999		1			56809		1
	52008		1			56829		1
	52051		1			56987		1
	52186	1	1			57050		1
	52190		1			57087	2	1
	52248		1			57274		1
	52296		1			57370	4	1
	52369	4	1			57494		1
	52409		1			57507	3	1
	52462	4	1			57548	4	1
	52472		1			57619		1
	52521	1	1			57802		1
	52530		1			57866	2	1
	52600	1	1			57939		1
	52621	1	1			57949	1	1
	52626		1			58067		1
	52629		1			58073		1
	52666		1			58099		1
	52676		1			58114	3	2



RA Hour 12	58688	1	1		RA Hour 13	63467	1	1
page 1	59000	1	1			63480	1	
	59198	1	1			63510	2	
	59272		1			63520		1
	59273		1			63618	3	
	59280	2				63742	4	1
	59296		1			63778	1	
	59406	4	1			64113		
	59691	1				64150	1	
	59707	1	1			64150		1
	59726		1			64219		
	59743		1			64262		1
	59780	1	1			64292	1	
	60051		1			64295	1	
	60207	1	1			64384	1	
	60310		1			64457	3	1
	60370		1			64475	2	
	60559	4	1			64550	1	
	60662		1			64550	1	
	60729		1			64726	1	
	60779		1			64791		1
	60816	1	1			64797	2	
	60853	1	1			64894	1	
	60866	1	1			64895	3	1
	60881		1			64905	1	
	60910	1				64905		
	60994	4	1			65011	1	
	61094	2				65012	1	
	61097		1			65121	1	1
	61323	1				65352	4	1
	61329	1	1			65355	4	1
	61363		1			65520	2	
	61364	2				65574	3	
	61406		1			65602	3	
	61451	1				65620		1
	61495		1			65674	1	
	61495		1			65714	2	1
	61517		1			65816	1	
	61595		1			65821	1	
	61629	1				65859	4	1
	61726	1				66047	4	
	61729		1			66077	3	
	61775		1			66123	1	
	61794		1			66147	1	1
	61840		1			66169	1	
	61868		1			66197	1	
	61872	1				66212	3	

<b>RA Hour 12</b>	61874		1		<b>RA Hour 13</b>	66222	1	1
page 2	61921	1				66238	1	
	61998		1			66252	2	1
	61999		1			66354	1	
	62036	1				66530	3	
	62039	1				66530	1	
	62093		1			66587	2	
	62107	1	1			66675	1	
	62130		1			66742	1	
	62185		1			66765	4	
	62345		1			66840	1	
	62380		1			66906	1	
	62452	3				66989	1	
	62471	1	1			67038	1	
	62472	1	1			67084	1	
	62505	4	1			67090	2	
	62523	3				67092	1	1
	62583	1				67093	1	
	62639	1				67105	1	1
	62659	1				67115	1	
	62744		1			67164	2	1
	62892	1				67203	1	
	62925	1				67246	1	1
	62978		1			67291	1	1
	62979	1				67308	1	
	63009		1			67349	1	
	63059	1				67408	1	
	63157	1	1			67415	1	
	63162	1				67479		1
	63257	1	1			67487		
	63366	3	1			67620	6	
	63406	1				67742	4	
	63520		1			67808		1
	92978	1				67960	2	
	GJ3700		1			68020	1	
	GJ3709B		1			68030	4	1
	LHS 2131		1			GJ1173	1	1
	LHS 2520	2	1			GJ3758		
	LHS 2531	1				GJ3775	1	1
	LHS 2567	1				GJ3796		
	LHS 2568	1				GJ3802	1	1
	LHS 2586	1				GJ3808		1
	LHS 2595	1				GJ3809	2	1
	LHS 2634	1				GJ3810		
	LHS2552		1			LHS 2699		1
	LHS337		1			LHS 2725	1	1
	Ross 948A	2	1			LHS 2729	1	



RA Hour 14				RA Hour 15			
	68296	1			744	1	
page 1	68403		1		73151	1	
	68469	1			73427	2	
	68551	1	1		73457	1	
	68552	1			73557	1	
	68570	2	1		73786	1	
	68581	3			73905	1	
	68602		1		74068	1	
	68634	1	1		74118	1	
	68682	3			74120	1	
	69152	1			74148	1	
	69328	1			74190	2	
	69357	3	1		74234	1	
	69414	1			74235	1	
	69454	2			74259	1	
	69485	1	1		74304	1	
	69495		1		74341	1	
	69526		1		74384		1
	69562	1	1		74396		1
	69651	1			74432	1	
	69660	1			74434	1	
	69671	3	1		74443	1	
	69724	1			74457	1	
	69960	1			74464	1	
	69962	1	1		74500	3	
	69964	1	1		74537	2	
	69967	1			74555	1	
	69991	1			74702	1	
	69999	1			74702	1	
	70016	1			74815	1	
	70096	1			74926	1	
	70123		1		74961		1
	70170	2	1		74975	1	
	70178	1			74981		1
	70218		1		74995	3	
	70319	2			75038	1	
	70371	1			75124	1	
	70472		1		75132	1	
	70475	2			75185	1	
	70520	1			75187	1	
	70529	1	1		75198		1
	70536	1	1		75201	1	
	70607	1			75249	1	
	70629	1			75253	3	
	70694	1			75266	1	
	70849	1	1		75277	3	
	70865	4	1		75284	1	



RA Hour 14	70868	1			RA Hour 15	75317		1
page 2	70873		1			75363	2	
	70890	1				75446	1	
	70950		1			75542	2	
	70956	1	1			75584	1	
	71136	1				75672	1	
	71136	1				75686	2	
	71181		1			75710	1	1
	71253	3	1			75718	4	
	71311		1			75722	4	
	71358	1				76035		1
	71369		1			76061	1	
	71395	3				76074	1	
	71481	2	1			76114	3	
	71572	1				76189	1	
	71572	1				76202		1
	71588	1				76330		1
	71619		1			76375	1	1
	71743	4	1			76382	1	1
	71795	1				76398		1
	71813	2	1			76670	1	
	71819	1				76779	1	
	71845	1				76793		1
	71904	2	1			76901	2	
	71914	2	1			76901	1	
	71930	3				76964	1	
	71938	1				76965	1	
	72043	1				77052	1	
	72044	1	1			77292	1	
	72058		1			77349	1	
	72116	1				77358	1	
	72119	1	1			77408	2	
	72146	5	1			77432	1	
	72200	1	1			77584	1	
	72217		1			77718	3	
	72237		1			77725	1	
	72312	1				77728	1	
	72339	1				77740	2	
	72387		1			77749	1	
	72528	1				77801	1	
	72555	1				77908	2	
	72567	1				78024	1	
	72604	1				78241		1
	72634	1				78353	3	
	72688	1	1			Chien 820	1	
	72764	1				GJ3886		1
	72766	1				GJ3918	1	



RA Hour 16					RA Hour 17			
	74068	1			83276	1		
page 1	74118	1			83276	1		
	74304	1			83541	3		
	74443	1			83601	1		
	74464	1			83762	1		
	75185	1			83851	1		
	75284	1			83852	1		
	76906	1			84195	1		
	76964	1			84277	1		
	76965	1			84277	1		
	77292	1			84303	1		
	78399	2			84303	1		
	78430	1			84460	2		
	78551	1			84478	1		
	78704	1			84487	1		
	78708	1			84487	1		
	78727	1			84521	1		
	78738	1			84607	1		
	78739	1			84652	1		
	78769	1			84709	1		
	78769	1			84720	1		
	78843	3			84794	1		
	78885	1			84803	1		
	78955	2			84893	1		
	78975	1			85026	1		
	79048	1			85026	1		
	79066	1			85047	1		
	79107	1			85087			1
	79169	1			85295	1		
	79307	2			85523	1		
	79377	2			85548	1		
	79386	1			85561	1		
	79396	1			85582	1		
	79431	3			85665	1		
	79486	1			85667	1		
	79486	1			85949			
	79492	1			86057	1		
	79522	1			86214	1		
	79522	1			86287	1		
	79527	1			86360	1		
	79578	4			86400	1		
	79586	1			86672	1		
	79605	1			86707	1		
	79663	1			86722	1		
	79672	1			86974	1		
	79702	1			86990	1		
	79749	1			87116	1		

RA Hour 16					RA Hour 17		
	79792	1			87409	1	
page 2	79915	1			87579	1	
	80018	1			87732	1	
	80053	1			87732	1	
	80058	1			87738	1	
	80218	1			87925	1	
	80268	4			87925	1	
	80295	1			87937	1	
	80337	1			89843	1	
	80366	2			GJ3997	1	
	80440	3			GJ3999	1	
	80491	1			GJ3999	1	
	80505	1			GJ4000	1	
	80587	2			GJ4000	1	
	80597	1			GJ4013	1	
	80612	1			GJ4035	1	
	80616	2			GJ667	1	
	80644	1			GJ670	1	
	80683	1			LTT 15306	1	
	80708	1			LTT 15306	1	
	80708	1					
	80725	1					
	80753	1					
	80817	3					
	80824	4					
	80842	1					
	80910	1					
	80925	1					
	80981	1					
	81010	1					
	81018	1					
	81030	1					
	81047	1					
	81081	1					
	81206	1					
	81206	1					
	81294	1					
	81300	1					
	81330	1					
	81375	2					
	81385	1					
	81393	1					
	81421	2					
	81461	2					
	81681	1					
	81758	1					
	81980	1					







<b>RA Hour 22</b>	19821	1			<b>RA Hour 23</b>	1275	1	
page 1	108761	1				113895	1	
	108782	1				113948	1	
	108782	1				114291	1	
	108820	1				114411	1	
	109073	1				114455	1	
	109378	1				114746	1	
	109388	1				114842	1	
	109413	1				115312	1	
	109413	1				115332	1	
	109480	1				115828	1	
	109555	1				116376	1	
	109563	1				117036	1	
	109638	1				117247	1	
	109670	1				117454	1	
	109756	1						
	109756	1						
	110640	1						
	110686	1						
	110776	1						
	110778	1						
	110870	1						



	110951	1						
	111131	1						
	111313	1						
	111802	1						
	111888	1						
	111960	1						
	112040	1						
	112190	1						
	112918	1						
	113020	4						
	113296	1						
	113421	1						
	115332	1						
	GJ9793		1					
	LHS 3804	1						