

Updated 9/15/17									
<b>ts observed since 2012 using the current photometer.</b>									
<b>0 observations were made with the previous "coincidence"</b>									
<b>2012), but are not accounted for here. Also, 60 pages of logs</b>									
<b>ruitinized for stellar observations not yet accounted for here.</b>									
		<b># obs.</b>	<b># obs.</b>	<b># obs. w/R3896</b>			<b># obs.</b>	<b># obs.</b>	<b># obs. w/R3896</b>
	<b>HIP#</b>	<b>R1578</b>	<b>R3896</b>	<b>200 to 820 nm</b>		<b>HIP#</b>	<b>R1578</b>	<b>R3896</b>	<b>200 to 820 nm</b>
	<b>or other</b>	<b>(250 to</b>	<b>(200 to</b>	<b>~20 min. each</b>		<b>or other</b>	<b>(250 to</b>	<b>(200 to</b>	<b>~20 min. each</b>
		<b>570 nm)</b>	<b>820 nm)</b>	<b>periods to 200 sec</b>			<b>570 nm)</b>	<b>820 nm)</b>	<b>periods to 200 sec</b>
<b>RA Hour 0</b>	171	1			<b>RA Hour 1</b>	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	

<b>RA Hour 0</b>	1546	1			<b>RA Hour 1</b>	5938		1	
page 2	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	
	2350		1			6456	1	1	
	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			7981			4
	3535	2	1			8043	2		
	3645	1				8067	1		
	3745		1			8069	1		
	3773	1				8102		1	
	3850	2	1			8188	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		

<b>RA Hour 2</b>	10925		1		<b>RA Hour 3</b>	15207	1		
page2	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		
	11843		1			15406		1	
	11928		1			15427	1		
	11964		1			15442	4	1	
	12048		1			15443	1		
	12048		1			15457	1		
	12097		1			15493		1	
	12110		1			15510	1		
	12158		1			15526		1	
	12158		1			15527		1	
	12248		1			15563	2	1	
	12347		1			15578		2	
	12411		1			15599	1		
	12493		1			15599		1	
	12723		1			15673		1	
	12749		1			15703	1		
	12897	1				15797		1	
	12926		1			15799	2		
	12929		1			15800		1	
	12961		1			15844		1	

<b>RA Hour 2</b>					<b>RA Hour 3</b>				
	13184	1			15868	1			
page 3	13258		1		15919	2	1		
	13342		1		16097	1			
	13345		1		16110	1			
	13388		1		16144		1		
	13402		1		16184	1			
	13513		1		16209		1		
	13601		1		16227	1	1		
	13769		1		16240		1		
	13772		1		16242	1			
	13841		1		16270	1			
	13891		1		16310	1			
	13908	1			16360	1			
	13908		1		16445		1		
	GJ3156		1		16486	1			
	GJ3159		1		16537	1			
	GJ3165		1		16727	1			
	LHS 1358		1		16733	1			
	LHS 1373		1		16847	1			
	LHS 1434		1		16864	1			
	LHS 1467		1		17013	1	1		
	LHS 1481		1		17024		1		
	LHS 157		1		17147	4			
	LHS 163		1		17147	1			
	LHS 5061		1		17207	3	1		
	LHS 6041		1		17272		1		
	LHS1376		1		17275	1			
					17277		1		
					17336		1		
					17338	1			
					17346		1		
					17365	1			
					17378	1			

RA Hour 2					RA Hour 3			
					17405	1	1	
page 4					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	





<b>RA Hour 4</b>					<b>RA Hour 5</b>				
	18714	1			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			

<b>RA Hour 4</b>	20741	1	1		<b>RA Hour 5</b>	24069	2	1	
page 2	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	
	21070	1				24301	1		
	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	

<b>RA Hour 4</b>	21703		1		<b>RA Hour 5</b>	25623	1		
page 3	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		
	22373	1				26834	3	1	
	22380	1				26844	1	1	
	22425	1				26857	1	1	
	22451	4	1			26864	1		
	22496	1				26974		1	

<b>RA Hour 4</b>	22506	1			<b>RA Hour 5</b>	26977		1	
page 4	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	



<b>RA Hour 6</b>					<b>RA Hour 7</b>				
	28442	1	1			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	

<b>RA Hour 6</b>	30711	1	1		<b>RA Hour 7</b>	35296	3	1	
page 2	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	
	31374		1			36285	1	2	
	31425		1			36310	1		
	31540					36319	1		
	31592		1			36338	3	1	
	31609		1			36357	4	1	
	31634	1	1			36481	1		
	31635	2	1			36485	1		
	31660	1	1			36491	1		
	31711	1				36497	1		
	31895		1			36515	3	1	
	32009	1				36551	1		
	32010		1			36551		1	
	32043	1	1			36557	1		
	32270	1				36626	2	2	
	32308	1	1			36627	2	2	
	32423	1				36704	2	1	
	32423		1			36827	5	1	
	32644	1				36853	1	1	
	32723		1			37177	1	2	

<b>RA Hour 6</b>	32754		1		<b>RA Hour 7</b>	37288	3	1	
page 3	32789	1				37349	7	1	
	32916		1			37484		1	
	32919		1			37494		1	
	32939	1	1			37645	1		
	32970		1			37766	6	1	
	32984	2	1			37798	1	1	
	33004	1				37853	1		
	33094	1	1			37978	1	2	
	33212		1			38082	3		
	33226		1			38082		1	
	33241		1			38228	3	1	
	33322		1			38382	3	1	
	33373		1			38541	1	1	
	33411		1			38594		1	
	33428		1			38625	1	1	
	33499	3	1			38657	6	1	
	33537		1			38910		1	
	33560	2				38931		1	
	33690	1				38939		1	
	GJ3383	1	1			38965		1	
	GJ3384		1			38992	2	1	
	GJ3391		1			39064	7	1	
	GJ3399		1			39096		1	
	GJ3402		1			GJ282B	1	1	
	GJ3413		1			GJ3423	1	1	
	GJ3416		1			GJ3424	1	2	
	GJ3418	2	1			GJ3437		1	
	GJ9208	1				GJ3445	1	1	
	LHS 1814		1			GJ3461		1	
	LHS 1828		1			GJ3464	1		
	LHS 1846		1			GJ3465	1	1	
	LHS 1857		1			GJ3470	1	1	





<b>RA Hour 8</b>	39157	2	1		<b>RA hour 9</b>	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		

<b>RA Hour 8</b>	41005		2		<b>RA Hour 9</b>	46488	1	1	
page 2	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	
	41802		1			47087		1	
	41820		1			47103	4		
	41824		1			47112		1	
	41880		1			47201		2	
	41881		1			47202		1	
	41884		1			47403		1	
	41926	5	1			47425	2	1	
	42011		1			47436		1	
	42030		1			47592	1		
	42030		1			47690		1	
	42074	2	1			47741	1	1	
	42075		1			47780	3	1	
	42145		1			48024		1	
	42173	2				48107		1	
	42202		1			48113	2		
	42215		1			48133	1		
	42267		1			48235		1	
	42282		1			48331	1		
	42333	4	1			48336	4	1	

<b>RA Hour 8</b>					<b>RA Hour 9</b>				
	42418		1		48411	3		1	
page 3	42430	2			48429			1	
	42446		1		48447	3		1	
	42499		1		48502	1		1	
	42507	1	1		48593	2		1	
	42563		1		48711	1		1	
	42601		1		48739			1	
	42697	4	1		48780			1	
	42723		1		48904	1		1	
	42748	2	1		48953	2			
	42762	1	1		49769	1			
	42808	5	1		76076			1	
	42881	2	1		108457				
	42916		1		108669				
	42940		1		GJ346	4		1	
	43177	2	1		GJ3530	2		1	
	43223		1		GJ3538	2		1	
	43297		1		GJ3543	2		1	
	43304		1		GJ3546			1	
	43422		1		GJ3548			1	
	43510		1		GJ3554			1	
	43557	2	1		GJ3568			1	
	43667		1		GJ3572			1	
	43674		1		LHS 2149	1			
	43708		1		LHS 2154			1	
	43726	5	1		LHS 2171			1	
	43756		1		LHS 2186			1	
	43790		1		LHS 2206			1	
	43852		1		LHS 2212			1	
	43948		1		LHS 267			1	
	43988		1		LHS 5146			1	
	44072		1		LHS 6197			1	
	44075	2			WASP-65			1	



<b>RA Hour 10</b>	49000		1		<b>RA Hour 11</b>	53337		1	
page 1	49046		1			53414		1	
	49066		<b>1</b>			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	

<b>RA Hour 10</b>	50341	3	2		<b>RA Hour 11</b>	54810	3	1	
page 2	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		
	51007		1			55409	1		
	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	

<b>RA Hour 10</b>	51525		1		<b>RA Hour 11</b>	56452	3		
page 3	51571		1			56466	1		
	51625		1			56489		<b>2</b>	
	51655		1			56508		1	
	51664		1			56528	2	1	
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	51908		1			56641		<b>1</b>	
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	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		<b>1</b>	
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	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	
	52708	1	1			58293	1		
	52768	1				58321		1	
	52917		1			58345	1		
	53020	2	1			58374	1		
	53114		1			58451	1		



<b>RA Hour 10</b>					<b>RA Hour 11</b>				
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page 4	53186		1		GJ1142	1			
	53189		1		GJ3647			1	
	53305		1		GJ3652			1	
	53453	1			GJ3658			1	
	53471		1		GJ3681			1	
	53486	6	1		GJ3697			1	
	53541	1	1		LHS 296	4		1	
	53635	1			LHS 2366	1			
	53647		1		LHS 2428	1			
	53660		1		LHS 2430			1	
	53793		1		LHS 2460			1	
	54287		1		LHS 2472	1		1	
	54507		1		LHS 2567			1	
	54926		1		LHS 2634			1	
	BD10-3166		1		LHS 301			1	
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	GJ3610B		1						
	GJ3616		1						
	GJ3623		1						
	GJ3634	1	1						
	GJ387	1							
	GJ9312	1							
	LHS 2217		1						
	LHS 2233		1						
	LHS 2270		1						
	LHS 2274		1						
	LHS 2285		1						
	LHS 2317		1						
	LHS 2328		1						
	LHS 287		1						
	LHS 2930		1						
	LHS 295	1							



<b>RA Hour 12</b>					<b>RA Hour 13</b>				
	58688	1	1			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		

<b>RA Hour 12</b>	61406		1		<b>RA Hour 13</b>	65602	3		
page 2	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		
	61874		1			66222	1	1	
	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	

<b>RA Hour 12</b>					<b>RA Hour 13</b>				
	62659	1				67115	1		
page 3	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			68367			1
	LHS 2520	2	1			GJ1173	1	1	
	LHS 2531	1				GJ3758			
	LHS 2567	1				GJ3775	1	1	
	LHS 2568	1				GJ3796			
	LHS 2586	1				GJ3802	1	1	
	LHS 2595	1				GJ3808		1	
	LHS 2634	1				GJ3809	2	1	
	LHS2552		1			GJ3810			
	LHS337		1			LHS 2699		1	
	Ross 948A	2	1			LHS 2725	1	1	

RA Hour 12					RA Hour 13	LHS 2729	1		
page 4						LHS 2783	1	1	
						LHS 2830	1	1	
						LHS 2835		1	
						LHS 2836		1	
						LHS 351		1	
						LHS 353		1	
						LHS 5250		1	
						LHS 6244		1	
						LHS2699		1	
						LTT 14049		1	

RA Hour 14	68296	1			RA Hour 15	744	1		
page 1	68403		1			73151	1		
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	68551	1	1			73457	1		
	68552	1				73512			1
	68570	2	1			73557	1		
	68581	3				73786	1		
	68602		1			73905	1		
	68634	1	1			74068	1		
	68682	3				74118	1		
	69152	1				74120	1		
	69328	1				74148	1		
	69357	3	1			74190	2		
	69414	1				74234	1		
	69454	2				74235	1		
	69485	1	1			74259	1		
	69495		1			74304	1		
	69526		1			74341	1		
	69562	1	1			74384		<b>1</b>	
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	69724	1				74443	1		
	69960	1				74457	1		
	69962	1	1			74464	1		
	69964	1	1			74500	3		
	69967	1				74537	2		
	69991	1				74555	1		
	69999	1				74702	1		
	70016	1				74702	1		
	70096	1				74815	1		
	70123		1			74926	1		
	70170	2	1			74961		1	

<b>RA Hour 14</b>					<b>RA Hour 15</b>				
	70178	1				74975	1		
page 2	70218		1			74981		1	
	70319	2				74995	3		
	70371	1				75038	1		
	70472		1			75090			1
	70475	2				75124	1		
	70520	1				75132	1		
	70529	1	1			75185	1		
	70536	1	1			75187	1		
	70607	1				75198		1	
	70629	1				75201	1		
	70694	1				75249	1		
	70849	1	1			75253	3		
	70865	4	1			75266	1		
	70868	1				75277	3		1
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	70890	1				75317		1	
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	70956	1	1			75446	1		
	71136	1				75542	2		
	71136	1				75584	1		
	71181		1			75672	1		
	71253	3	1			75686	2		
	71311		1			75710	1	1	
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	71369		1			75722	4		
	71395	3				76035		1	
	71481	2	1			76061	1		
	71572	1				76074	1		
	71572	1				76114	3		
	71588	1				76189	1		
	71619		1			76202		1	
	71743	4	1			76330		1	



<b>RA Hour 14</b>	71795	1			<b>RA Hour 15</b>	76375	1	1	
page 3	71813	2	1			76382	1	1	
	71819	1				76398		1	
	71845	1				76670	1		
	71904	2	1			76779	1		
	71914	2	1			76793		1	
	71930	3				76901	2		
	71938	1				76901	1		
	72043	1				76964	1		
	72044	1	1			76965	1		
	72058		1			77052	1		
	72116	1				77292	1		
	72119	1	1			77349	1		
	72146	5	1			77358	1		
	72200	1	1			77408	2		
	72217		1			77432	1		
	72237		1			77584	1		
	72312	1				77718	3		
	72339	1				77725	1		
	72387		1			77728	1		
	72528	1				77740	2		
	72555	1				77749	1		
	72567	1				77783			1
	72604	1				77801	1		
	72634	1				77908	2		
	72688	1	1			78024	1		
	72764	1				78241		1	
	72766	1				78353	3		

<b>RA Hour 14</b>	72845		1		<b>RA Hour 15</b>	Chien 820	1		
page 4	72848	4				GJ3886		1	
	72875	2	1			GJ3918	1		
	72888	1				GJ3929		1	
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	72944	4	1			LHS 3091	1		
	72981	1				LHS 391	1		
	73066		2			LHS 6276	2		
	73151	1				LHS 6282	1		
	73182	1				Wasp-58		1	
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	73261		1						
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	GJ1183	1							
	GJ3835	1							
	GJ3838	1							
	GJ3840	1							
	GJ3844	1	1						
	GJ3856		1						
	GJ3864	1	1						
	GJ3870	1							
	GJ3871	1							
	GJ9483	1							
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	LHS 2882		1						
	LHS 2925		1						
	LHS 2979	1							
	LHS 3005		1						



<b>RA Hour 16</b>					<b>RA Hour 17</b>				
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page 1	74118	1			83276	1			
	74304	1			83541	3			
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	74464	1			83762	1			
	75185	1			83851	1			
	75284	1			83852	1			
	76906	1			84195	1			
	76964	1			84277	1			
	76965	1			84277	1			
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	78551	1			84478	1			
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	78708	1			84487	1			
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	79169	1			85295	1			
	79307	2			85523	1			
	79377	2			85548	1			
	79386	1			85561	1			
	79396	1			85582	1			

<b>RA Hour 16</b>					<b>RA Hour 17</b>				
	79431	3			85665	1			
page 2	79486	1			85667	1			
	79486	1			85949				
	79492	1			86057	1			
	79522	1			86214	1			
	79522	1			86287	1			
	79527	1			86360	1			
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	79663	1			86722	1			
	79672	1			86974	1			
	79702	1			86990	1			
	79749	1			87116	1			
	79792	1			87409	1			
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	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			

<b>RA Hour 16</b>	80708	1			<b>RA Hour 17</b>	LTT 15306	1		
page 3	80708	1							
	80725	1							
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	81461	2							
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	81758	1							
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	82233	1							

<b>RA Hour 16</b>					<b>RA Hour 17</b>				
page 4	82244	1							
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	GJ3969	1							
	GJ3980	1							
	GJ3981	1							
	GJ9540	1							
	GL645	1							
	LHS 3147	1							





<b>RA Hour 18</b>					<b>RA Hour 19</b>				
	88194	2			93509				1
page 1	88217	1			93797	2			
	88353	1			93858	1			
	88365	1			93871	1			
	88481	1			93899	1			
	88499	1			93966	1			
	88622	1			94056	1			
	88622	1			94349	2			
	88689	1			94645	1			
	88766	1			94650				1
	88972	1			94761	2			
	89045	1			95149	1			
	89211	1			95223	1			
	89906	1			95223	1			
	90223	1			95319	1			
	90306	1			95319	1			
	90466	1			95672	1			
	90945	1			95730				1
	91326	1			96085	2			
	91605	1			96183	1			
	91868	1			96287	1			
	92311	1			96308				1
	92755				96339	1			
	92858	1			96522	1			
	93047	1			96576	1			
	93047	1			97051				1
	93069	1			97174	1			
	93206	1			97312	1			
	93248	1			97668	1			
	GJ4074	1			97709	1			
					97779	1			
					97779	1			
					98007	1			



<b>RA Hour 20</b>	98965	1		1	<b>RA Hour 21</b>	103682	1		
page 1	99150	1				104092			1
	99165			1		104383	1		
	99205	1		2		105038			1
	99701	1				105152	1		
	99711	2				105533			1
	99963	1				105885	1		
	100802			1		106177	1		
	101597			1		106519	1		
	101916			1		107031	1		
	101932			1		107062			1
	101966			1		107145	1		
	101993			1		107388	1		
	101997	1				107556			1
	102264	1				107591	1		
	102401	1				107867	1		
	102409	1				107868	1		
	103256			1		107924	1		
	103287			1		107948	1		
	103388	1				107981	1		
	103458	1				108228	1		
	202141	1				108380	1		1
	GJ4161			1		108380	1		
	GJ4160			1		108408	1		
	GJ4144			1		108457	1		
						108473	1		
						108525	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				114622			1
	109388	1				114746	1		
	109413	1				114842	1		
	109413	1				114855			1
	109480	1				115125			1
	109555	1				115126			1
	109563	1				115312	1		
	109638	1				115332	1		
	109670	1				115828	1		
	109756	1				116376	1		
	109756	1				117036	1		
	110640	1				117247	1		
	110686	1				117454	1		
	110776	1							
	110778	1							
	110870	1							

<b>RA Hour 22</b>					<b>RA Hour 23</b>				
110951	1								
page 2	111131	1							
	111313	1							
	111802	1							
	111888	1							
	111960	1							
	112040	1							
	112190	1							
	112648			1					
	112918	1							
	113020	4							
	113296	1							
	113421	1							
	115332	1							
	GJ9793		1						
	LHS 3804	1							