

Updated 2/20/18									
Stellar objects observed since 2012 using the current photometer.							R1578, R3896 are		
An additional ~700 observations were made with the previous "coincidence"							Hamamatsu		
photometer (2010-2012), but are not accounted for here. Also, 60 pages of logs							Photomultipliers		
still need to be scrutinized for stellar observations not yet accounted for here.									
		# obs. w/R1578	# obs. w/R3896	# obs. w/R3896			# obs. w/R1578	# obs. w/R3896	# obs. w/R3896
	HIP#	(250 to	(200 to	200 to 820 nm		HIP#	(250 to	(200 to	200 to 820 nm
	or other	570 nm)	820 nm)	~20 min. each		or other	570 nm)	820 nm)	~20 min. each
		periods	periods	periods			periods	periods	periods
		to 50 sec.	to 50 sec.	to 200 sec.			to 50 sec.	to 50 sec.	to 200 sec.
RA Hour 0	171	1		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			5337			1
	1499	2	1			5364			1
	1532	1				5373		1	
	1546	1				5643		1	1
	1546	1				5663		1	
	1608		1			5938		1	
	1625	1				5957	1		
	1679	1				6005		1	
	1768	2				6008	1	1	
	1780	1				6037		1	

RA Hour 0	1803	1			RA Hour 1	6097	1	1	
page 2	1837	3				6273		1	
	1936	1				6273	1		
	1950		1			6276	1	1	
	2014		1			6305	1	1	
	2201		1			6342	1		
	2247	1	1			6391	1	1	
	2350		1			6404	1	1	
	2762			1		6414		1	
	2846		1			6456	1	1	
	2909		1			6510	1		
	2941	1				6537			1
	3093			1		6626		1	
	3125	1				6795		1	
	3185	2	1			7076	1		
	3202	1				7080	1		
	3304	1				7170		1	
	3342	2				7235	1		
	3378	1	1			7276			1
	3419			1		7296	1		
	3443		1			7372	1		
	3479		1			7372		1	
	3493	1				7799	1		
	3502		1			7821		1	
	3535	2	1			7918			1
	3559			1		7981			5
	3645	1				8043	2		
	3745		1			8067	1		
	3765			1		8069	1		
	3773	1				8102		1	1
	3850	2	1			8188	1	1	
	3870	1				8434		1	
	3937		1			8438	1		
	3948	1				8486	1	1	
	3979	1				8543	1		
	3998	1	1			8674	1		
	4022	1				8691		1	
	4022	1				8768		1	
	4024	1				8770		1	

RA Hour 0	4067	1	1		RA Hour 1	8881	1		
page 3	4148	2				9007			1
	4195		1			9067	1		
	4213	1				9148		1	
	4297		1			9170		1	
	4418	1				9216	1		
	4552			1		9269	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						
	LHS 1136		1						
	LHS 1137		1						
	LHS 1140		1						
	LHS 1168	1							

RA Hour 2	9560		1		RA Hour 3	13891		1	
page 1	9603		1	1		13976	2	1	
	9617	1				14054	1		
	9660		1			14055	1		
	9678	1				14073	1		
	9692	1				14086			1
	9749		1			14101	22		3
	9786		1			14105	1		
	9788	1				14120		1	
	9829		1			14124		1	
	9884			1		14135		1	
	9888		1			14150	2	1	
	9946		1			14241		1	
	9957		1			14258	1		
	10012		1			14261	1		
	10072		1			14352	1		
	10138			1		14445	4	1	
	10164		1			14478		1	
	10191		1			14555		1	
	10272		1			14623		1	
	10279		1			14632			1
	10337		1			14648	1		
	10370		1			14731	2	1	
	10395		2			14803		1	
	10416		1			14810		1	
	10483		1			14897			1
	10500		1			14954	1		1
	10505		1			14992	1		
	10545	1				15020		1	
	10617		1			15074		1	
	10644			1		15087		1	

RA Hour 2	10712		1		RA Hour 3	15095		1	
page 2	10723			1		15099	3	1	
	10798		1			15126		1	
	10812		1			15131	2		
	10858		1			15207	1		
	10872		1			15253		1	
	10925		1			15266		1	
	10931	1				15278		1	
	10989		1			15301	1		
	10990	1				15310		1	
	10991	1				15323	1	1	
	11000		1			15332		1	
	11321		1			15362		1	
	11349		1			15366		1	
	11452		1			15368		1	
	11452		1			15368		1	
	11501	1				15374		1	
	11507		1			15383	1		
	11558		1			15406		1	
	11759	1	1			15427	1		
	11843		1			15442	4	1	
	11928		1			15443	1		
	11964		1			15457	1		1
	12048		1			15493		1	
	12048		1			15510	1		1
	12097		1			15526		1	
	12110		1			15527		1	
	12114			1		15563	2	1	
	12158		1			15578		2	
	12158		1			15599	1		
	12186			1		15599		1	
	12247			1		15673		1	
	12248		1			15703	1		
	12347		1			15771			1

RA Hour 2	12411		1		RA Hour 3	15774			1
page 3	12444			1		15797		1	
	12493		1			15799	2		
	12653			1		15800		1	
	12723		1			15844		1	
	12749		1			15868	1		
	12777			1		15919	2	1	
	12897	1				16097	1		
	12926		1			16110	1		
	12929		1			16134			1
	12961		1			16144		1	
	13184	1				16184	1		
	13218			1		16209		1	
	13258		1			16227	1	1	
	13342		1			16240		1	
	13345		1			16242	1		1
	13388		1			16270	1		
	13402		1			16310	1		
	13513		1			16360	1		
	13601		1			16445		1	
	13769		1			16486	1		
	13772		1			16537	1		3
	13841		1			16711			1
	13891		1			16727	1		
	13908	1				16733	1		
	13908		1			16846			1
	GJ3156		1			16847	1		
	GJ3159		1			16851			1
	GJ3165		1			16864	1		
	LHS 1358		1			17013	1	1	
	LHS 1373		1			17024		1	
	LHS 1434	1				17147	5		
	LHS 1467	1				17207	3	1	
	LHS 1481	1				17272		1	

RA Hour 2	LHS 157	1			RA Hour 3	17275	1		
page 4	LHS 163	1				17277		1	
	LHS 5061	1				17336		1	
	LHS 6041	1				17338	1		
	LHS1376	1				17346		1	1
						17365	1		
						17378	1		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	
						17651			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	

RA Hour 4	18714	1			RA Hour 5	23242	1		
page 1	18859	1		1		23248	1		
	18915			1		23263	1		
	19076	1		1		23277	1		
	19165			1		23286	1		
	19337			1		23311	1	1	1
	19394	1				23312	1		
	19394		1	1		23322	1		
	19758	1				23384	1		
	19820	1				23431	1	2	
	19849	1		1		23437	3		
	19855	1				23443	1		
	19855	1				23446	1		
	19859	1				23452	4		1
	19859	1				23486	1		
	19875	1				23512	2		1
	19884			1		23516	1		
	19948			1		23541	1		
	20009	1				23573	1		
	20168	1				23626	1		
	20199	1	1			23627	1		
	20215	1				23716	1		
	20232			1		23786	4	1	
	20309	1				23802	1		
	20309		1			23802	1		
	20331	1				23831	2		
	20440		1			23835			1
	20441	1				23844		1	
	20485		1			23852	2	1	
	20492		1			23899		1	
	20527		1			23951	1		
	20551	1				23951	1		
	20553		1			24037	1		
	20561	1				24069	2	1	
	20577	1	1			24076	1		
	20605		1			24078	1	1	
	20611	1				24177		1	
	20630	1				24186	5	1	1
	20719	1	1			24192	1		

RA Hour 4	20741	1	1		RA Hour 5	24205	3	1	
page 2	20745		1			24210	4	1	
	20762		1			24240	1		
	20781	2				24243	1	1	
	20811	1				24275	1		
	20827		1			24284	3	2	1
	20852		1			24289	1		
	20877	1				24301		1	
	20916		1			24301	1		
	20917	1		1		24454	2	1	
	20948	1				24457	1	1	
	20967	1				24472	2	1	
	20978	1	1			24480	1		
	21006			1		24679	1		
	21053		1			24681		1	1
	21070	1				24777	1		
	21079	1				24783	1		
	21081	1				24786	5		1
	21179		1			24813			2
	21186	1				24819	1	1	1
	21223		1			24834	1		
	21248			1		24874	2		1
	21257		1			25002	1		
	21272	1				25119	1	1	
	21284	1	1			25191		2	1
	21317		1			25220	3	1	1
	21327		1			25278			1
	21368	1				25388	1		
	21421			1		25421	7	1	
	21431	1				25623	1		1
	21438	1				25654	1		
	21474		1			25662	2	1	
	21477	1				25716	1		1
	21482	1		1		25765	1		
	21594			1		25775	1	1	
	21543	1				25878	4	1	1
	21698	1				25953	2	1	2
	21703		1			26013		1	
	21710		1			26014		1	

RA Hour 4	21733	1	1		RA Hour 5	26081		1	
page 3	21762		1			26113		1	
	21818	1		1		26175	1		
	21839	1				26274	1		
	21865		1			26335	1	1	1
	21888	1				26346	1		
	21912		1			26369		1	
	21923	1				26373	5	1	
	21932	2	1	1		26381		1	
	21934	1				26384		1	
	21946	1				26501		1	
	21988	1		1		26505		1	
	22087	1				26542	1	1	
	22121	1	1			26653		1	
	22122	4	1			26664	1	1	1
	22175	1				26676		1	
	22176	2				26766		1	
	22177	1				26807	1		
	22257		1			26834	3	1	
	22263			1		26844	1	1	
	22281	1				26857	1	1	1
	22286	1				26864	1		
	22288			1		26974		1	
	22319	1				26977		1	
	22320	1				27072			1
	22336	1		1		27127		1	
	22336					27207	1	1	
	22349	1				27260		1	
	22373	1				27323		1	
	22380	1				27359	3	1	
	22424			1		27384		1	1
	22425	1				27397	4	1	1
	22449			1		27417		1	
	22451	4	1	1		27435	5		1
	22496	1				27578	1		
	22506	1				27628			1
	22524	1				27799		1	
	22589	1				27802	1		
	22604	1				27803	1	1	1

RA Hour 6	28442	1	1		RA Hour 7	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		1
	29221		1			34052		1	
	29295	7		2		34065			2
	29316	2	1			34069	1		1
	29330	1				34164		1	
	29432	1	1			34222	1	1	
	29479	1				34341		1	
	29525	1	1			34361		1	
	29550		1			34407	1		
	29568	6		1		34414	5	1	
	29611	1	1			34423	1	2	
	29860	1		1		34426	1		
	29875		1			34511	1		
	30051	1				34540	1		
	30057		1			34567	6	1	
	30104	1	1			34603	1	1	1
	30112	1	1			34633		1	
	30114		1			34673		1	
	30225	1				34739		1	
	30256	1		1		34785		1	
	30314	2				34796		1	
	30476	2	1			34950	1	1	
	30502	1				35071	1		
	30503	6	1			35136			1
	30579		1			35185		1	
	30630	1	1			35191	2	1	
	30711	1	1			35221		1	
	30860		1			35265	1	3	
	30862		1			35296	3	1	
	30893		1			35353	1	1	1
	30905		1			35495	1		
	30920	2	1			35495	1	1	

RA Hour 6	30979	1	1		RA Hour 7	35750		1	
page 2	31039			1		35821	1	2	1
	31083	1	1			35823	1		
	31126	2	1			35872	2	1	
	31142		1			35943	1	1	
	31148	1	1			36121		1	
	31188		1			36208	11	2	1
	31246		1			36210	2		
	31300	1				36215	1	1	
	31374		1			36249		1	
	31425		1			36285	1	2	1
	31540					36310	1		
	31592		1	1		36319	1		
	31609		1			36338	3	1	
	31634	1	1			36357	4	1	
	31635	2	1			36481	1		
	31660	1	1			36485	1		
	31688			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				36616			2
	32308	1	1			36626	2	2	
	32423	1	1			36627	2	2	1
	32480			1		36704	2	1	
	32644	1				36827	5	1	
	32723		1			36853	1	1	
	32754		1			37177	1	2	
	32789	1				37288	3	1	1
	32916		1			37349	7	1	
	32919		1			37447			1
	32939	1	1			37484		1	
	32970		1			37494		1	
	32984	2	1			37606			1
	33004	1				37645	1		
	33094	1	1			37766	6	1	1
	33212		1			37798	1	1	

RA Hour 6	33226		1		RA Hour 7	37826			1
page 3	33241		1			37853	1		
	33277			1		37978	1	2	
	33322		1			38082	3		
	33373		1			38082		1	1
	33411		1			38228	3	1	
	33428		1			38382	3	1	
	33499	3	1			38541	1	1	
	33537		1			38594		1	
	33560	2				38625	1	1	
	33690	1				38657	6	1	
	GJ3383	1	1			38910		1	
	GJ3384		1			38931		1	
	GJ3391		1			38939		1	
	GJ3399		1			38965		1	
	GJ3402		1			38992	2	1	
	GJ3413		1			39064	7	1	
	GJ3416		1			39096		1	
	GJ3418	2	1			GJ282B	1	1	
	GJ9208	1				GJ3423	1	1	
	LHS 1814		1			GJ3424	1	2	
	LHS 1828		1			GJ3437		1	
	LHS 1846		1			GJ3445	1	1	1
	LHS 1857		1			GJ3461		1	
	LHS 1867		1			GJ3464	1		
	LHS 1882		1			GJ3465	1	1	
	LHS1807	1				GJ3470	1	1	
	LHS1831	1				GJ9230	1	2	
	LHS1836	1	1			HAT-P-20		1	
						LHS 1928	1	1	1
						LHS 1951		1	
						LHS 1955		1	1
						LHS 234		1	3
						LHS 235			3
						LHS 235A/B		1	
						LTT 12102		1	1
						LTT 17993	1	1	1
						SCR0740		1	

RA Hour 8	39157	2	1		RA hour 9	44248			1
page 1	39417		1			44263		1	
	39436		2			44295	4	1	
	39450		1			44376	3	1	
	39452		1			44458		1	
	39457		1			44526	1	1	
	39494		1			44722	12	1	
	39495		1			44821	1	1	
	39506		1			44823		1	
	39612		1			44858		1	
	39695		2			44864		1	
	39710		1			44880	1		
	39748		1			44899		1	
	39757			1		44920		1	
	39780			1		44955		1	
	39820		1			45162		1	
	39826		1			45170	6	1	
	39896		1			45343			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		1		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			46471			1
	41130		1			46488	1	1	
	41134		1			46543	1		
	41134		1			46549	3	1	

RA Hour 8	41209		1		RA Hour 9	46580	2	1	1
page 2	41317		3			46626	4	1	
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	43988		1			LHS 2171		1	
	44072		1			LHS 2186		1	
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RA Hour 16					RA Hour 17				
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RA Hour 18	88194	2			RA Hour 19	93509			1
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