

The following Tables are the complete versions associated with Tables 2 and 3 in this article.

Online Table 2: The CCD Photometric data of V737 Per in the B band.

JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm
7056.9624	0.4058	0.143	7057.9434	0.5468	-0.360	7058.1595	0.7981	-0.427
7056.9645	0.4036	0.183	7057.9456	0.5438	-0.354	7058.1615	0.7940	-0.398
7056.9667	0.4014	0.204	7057.9484	0.5399	-0.353	7058.1635	0.7901	-0.433
7056.9689	0.3992	0.184	7057.9504	0.5372	-0.360	7058.1655	0.7861	-0.421
7056.9711	0.9973	0.196	7057.9525	0.5345	-0.361	7058.9411	0.7064	-0.268
7056.9733	0.9919	0.186	7057.9545	0.5318	-0.376	7058.9431	0.7029	-0.257
7056.9754	0.9865	0.155	7057.9565	0.5291	-0.388	7058.9451	0.6994	-0.263
7056.9776	0.9811	0.156	7057.9585	0.5265	-0.398	7058.9471	0.6959	-0.243
7056.9798	0.9757	0.151	7057.9606	0.5236	-0.398	7058.9493	0.6921	-0.218
7056.9820	0.9704	0.088	7057.9625	0.5211	-0.405	7058.9519	0.6876	-0.206
7056.9842	0.9652	0.047	7057.9644	0.5187	-0.413	7058.9539	0.6842	-0.185
7056.9868	0.9588	-0.018	7057.9663	0.5162	-0.431	7058.9559	0.6808	-0.155
7056.9890	0.9535	-0.026	7057.9682	0.5138	-0.431	7058.9579	0.6773	-0.138
7056.9911	0.9483	-0.015	7057.9701	0.5114	-0.431	7058.9599	0.6740	-0.126
7056.9933	0.9431	-0.083	7057.9720	0.5089	-0.410	7058.9619	0.6706	-0.098
7056.9955	0.9380	-0.110	7057.9756	0.5043	-0.436	7058.9650	0.6654	-0.053
7056.9977	0.9329	-0.162	7057.9775	0.5019	-0.427	7058.9676	0.6611	0.002
7056.9999	0.9278	-0.204	7057.9794	0.4995	-0.441	7058.9699	0.6572	0.034
7057.0020	0.9227	-0.190	7057.9813	0.4971	-0.409	7058.9721	0.6535	0.036
7057.0042	0.9177	-0.220	7057.9832	0.4947	-0.439	7058.9744	0.6497	0.099
7057.0064	0.9126	-0.227	7057.9852	0.4924	-0.427	7058.9767	0.6460	0.102
7057.0086	0.9077	-0.204	7057.9871	0.4900	-0.427	7058.9790	0.6423	0.134
7057.0115	0.9010	-0.293	7057.9890	0.4876	-0.421	7058.9813	0.6386	0.150
7057.0137	0.8960	-0.271	7057.9918	0.4841	-0.413	7058.9872	0.6292	0.161
7057.0159	0.8912	-0.291	7057.9937	0.4819	-0.426	7058.9896	0.6254	0.144
7057.0181	0.8863	-0.292	7057.9956	0.4796	-0.434	7058.9921	0.6216	0.126
7057.0202	0.8815	-0.290	7057.9975	0.4773	-0.391	7058.9945	0.6178	0.113
7057.0224	0.8767	-0.343	7057.9994	0.4750	-0.388	7058.9969	0.6141	0.081
7057.0246	0.8718	-0.332	7058.0016	0.4724	-0.403	7058.9993	0.6104	0.062
7057.0268	0.8671	-0.348	7058.0038	0.4699	-0.377	7059.0017	0.6067	0.008
7057.0290	0.8623	-0.334	7058.0059	0.4674	-0.397	7059.0041	0.6031	-0.001
7057.0311	0.8577	-0.324	7058.0080	0.4649	-0.344	7059.0065	0.5994	-0.037
7057.0333	0.8529	-0.351	7058.0101	0.4624	-0.352	7059.0090	0.5958	-0.056
7057.0357	0.8480	-0.409	7058.0122	0.4600	-0.354	7059.0114	0.5922	-0.112
7057.0378	0.8435	-0.343	7058.0143	0.4576	-0.364	7059.0138	0.5886	-0.136
7057.0399	0.8390	-0.405	7058.0164	0.4552	-0.326	7059.0162	0.5851	-0.142
7057.0420	0.8345	-0.375	7058.0185	0.4527	-0.302	7059.0186	0.5815	-0.181
7057.0441	0.8301	-0.391	7058.0208	0.4502	-0.289	7059.0210	0.5780	-0.188
7057.0463	0.8257	-0.395	7058.0231	0.4476	-0.284	7059.0234	0.5745	-0.240
7057.0484	0.8213	-0.403	7058.0253	0.4451	-0.313	7059.0258	0.5711	-0.249
7057.0505	0.8170	-0.382	7058.0276	0.4426	-0.293	7059.0282	0.5676	-0.263

Online Table 2 – Continued

JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm
7057.0526	0.8126	-0.396	7058.0298	0.4401	-0.213	7059.0307	0.5642	-0.280
7057.0548	0.8083	-0.435	7058.0318	0.4379	-0.247	7059.0331	0.5607	-0.290
7057.0569	0.8040	-0.382	7058.0337	0.4358	-0.248	7059.0355	0.5573	-0.322
7057.0590	0.7997	-0.396	7058.0356	0.4338	-0.226	7059.0379	0.5540	-0.337
7057.0611	0.7954	-0.404	7058.0375	0.4317	-0.168	7059.0403	0.5507	-0.338
7057.0632	0.7912	-0.429	7058.0393	0.4297	-0.209	7059.0427	0.5473	-0.338
7057.0654	0.7870	-0.437	7058.0412	0.4276	-0.173	7059.0451	0.5440	-0.354
7057.0696	0.7787	-0.414	7058.0431	0.4256	-0.076	7059.0475	0.5407	-0.357
7057.0717	0.7745	-0.409	7058.0450	0.4236	-0.106	7059.0505	0.5367	-0.377
7057.0738	0.7704	-0.401	7058.0469	0.4216	-0.063	7059.0528	0.5336	-0.394
7057.0760	0.7663	-0.380	7058.0488	0.4196	-0.051	7059.0551	0.5305	-0.418
7057.0781	0.7622	-0.403	7058.0512	0.4171	-0.010	7059.0574	0.5275	-0.411
7057.0802	0.7582	-0.370	7058.0532	0.4150	0.025	7059.0597	0.5245	-0.405
7057.0823	0.7542	-0.356	7058.0552	0.4129	0.023	7059.0620	0.5214	-0.421
7057.0844	0.7502	-0.362	7058.0572	0.4108	0.043	7059.0643	0.5184	-0.398
7057.0866	0.7462	-0.348	7058.0592	0.4087	0.101	7059.0666	0.5155	-0.399
7057.0887	0.7422	-0.335	7058.0612	0.4067	0.130	7059.0689	0.5125	-0.426
7057.0908	0.7382	-0.325	7058.0632	0.4046	0.126	7059.0712	0.5095	-0.449
7057.0929	0.7343	-0.369	7058.0653	0.4026	0.145	7059.0737	0.5063	-0.440
7057.0951	0.7304	-0.331	7058.0673	0.4006	0.166	7059.0759	0.5035	-0.420
7057.0972	0.7266	-0.297	7058.0693	0.3985	0.184	7059.0781	0.5008	-0.426
7057.0993	0.7226	-0.285	7058.0713	0.9960	0.171	7059.0803	0.4980	-0.420
7057.1014	0.7189	-0.299	7058.0733	0.9911	0.199	7059.0824	0.4953	-0.408
7057.1035	0.7150	-0.262	7058.0753	0.9861	0.123	7059.0868	0.4899	-0.400
7057.1057	0.7112	-0.291	7058.0773	0.9811	0.113	7059.0890	0.4872	-0.412
7057.1078	0.7074	-0.304	7058.0793	0.9762	0.117	7059.0912	0.4846	-0.407
7057.1099	0.7037	-0.256	7058.0813	0.9712	0.082	7059.0933	0.4819	-0.434
7057.1120	0.6999	-0.213	7058.0833	0.9664	0.063	7059.0955	0.4793	-0.422
7057.1141	0.6962	-0.222	7058.0853	0.9615	0.024	7059.0977	0.4767	-0.372
7057.1163	0.6925	-0.216	7058.0873	0.9567	-0.005	7059.0999	0.4741	-0.397
7057.1184	0.6888	-0.161	7058.0893	0.9519	-0.015	7059.1021	0.4715	-0.375
7057.1209	0.6845	-0.086	7058.0914	0.9471	-0.029	7059.1043	0.4689	-0.373
7057.1228	0.6812	-0.117	7058.0934	0.9423	-0.095	7059.1064	0.4663	-0.367
7057.1248	0.6779	-0.109	7058.0954	0.9376	-0.089	7059.1086	0.4638	-0.349
7057.1269	0.6742	-0.057	7058.0974	0.9328	-0.136	7059.1108	0.4612	-0.364
7057.1289	0.6708	-0.084	7058.0994	0.9282	-0.168	7059.1130	0.4587	-0.351
7057.1309	0.6675	-0.027	7058.1014	0.9235	-0.208	7059.1152	0.4562	-0.323
7057.1329	0.6641	0.007	7058.1034	0.9188	-0.226	7059.1173	0.4537	-0.309
7057.1349	0.6608	0.024	7058.1054	0.9143	-0.219	7059.1195	0.4513	-0.331
7057.1369	0.6575	0.079	7058.1074	0.9097	-0.238	7059.1217	0.4488	-0.285
7057.1389	0.6542	0.048	7058.1094	0.9051	-0.252	7059.1239	0.4463	-0.250
7057.1410	0.6508	0.081	7058.1114	0.9005	-0.247	7059.1261	0.4439	-0.263
7057.1430	0.6476	0.058	7058.1193	0.8828	-0.332	7059.1282	0.4414	-0.237

Online Table 2 – Continued

JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm
7057.1450	0.6443	0.130	7058.1214	0.8783	-0.302	7059.1304	0.4391	-0.254
7057.1470	0.6411	0.131	7058.1234	0.8739	-0.323	7059.1326	0.4366	-0.206
7057.1490	0.6379	0.142	7058.1254	0.8695	-0.316	7059.1348	0.4343	-0.191
7057.1510	0.6347	0.168	7058.1274	0.8651	-0.326	7059.1370	0.4319	-0.193
7057.1530	0.6315	0.176	7058.1294	0.8608	-0.374	7059.1391	0.4295	-0.171
7057.1550	0.6283	0.171	7058.1314	0.8564	-0.346	7059.1413	0.4272	-0.114
7057.1570	0.6251	0.171	7058.1334	0.8522	-0.399	7059.1435	0.4249	-0.128
7057.1590	0.6220	0.155	7058.1354	0.8479	-0.378	7059.1457	0.4226	-0.076
7057.1610	0.6189	0.129	7058.1374	0.8436	-0.401	7059.1479	0.4202	-0.078
7057.1630	0.6157	0.056	7058.1394	0.8394	-0.393	7059.1501	0.4179	-0.013
7057.1650	0.6126	0.106	7058.1414	0.8351	-0.367	7059.1522	0.4156	0.064
7057.1670	0.6096	0.020	7058.1434	0.8309	-0.407	7059.1544	0.4134	0.078
7057.1690	0.6065	0.005	7058.1454	0.8267	-0.381	7059.1566	0.4111	0.062
7057.1710	0.6034	0.000	7058.1474	0.8226	-0.390	7059.1588	0.4089	0.110
7057.9347	0.5589	-0.324	7058.1494	0.8185	-0.352	7059.1610	0.4066	0.151
7057.9369	0.5559	-0.305	7058.1515	0.8143	-0.407	7059.1631	0.4044	0.155
7057.9390	0.5528	-0.330	7058.1535	0.8102	-0.373	7059.1653	0.4022	0.130
7057.9412	0.5498	-0.323	7058.1555	0.8061	-0.440	7059.1675	0.4000	0.189

Online Table 3: The CCD Photometric data of V737 Per in the V band.

JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm
7056.9631	0.4051	0.909	7057.9420	0.5488	0.431	7058.1603	0.7964	0.332
7056.9653	0.4029	0.927	7057.9441	0.5458	0.429	7058.1623	0.7924	0.358
7056.9675	0.4007	0.931	7057.9463	0.5428	0.410	7058.1643	0.7884	0.367
7056.9697	0.3985	0.934	7057.9492	0.5389	0.396	7058.1683	0.7805	0.351
7056.9718	0.9955	0.948	7057.9512	0.5362	0.400	7058.9419	0.7051	0.472
7056.9740	0.9901	0.921	7057.9532	0.5335	0.395	7058.9439	0.7015	0.503
7056.9762	0.9846	0.903	7057.9552	0.5308	0.363	7058.9459	0.6980	0.504
7056.9784	0.9793	0.889	7057.9572	0.5282	0.380	7058.9479	0.6945	0.523
7056.9805	0.9739	0.861	7057.9592	0.5255	0.372	7058.9501	0.6907	0.547
7056.9827	0.9686	0.868	7057.9614	0.5227	0.372	7058.9527	0.6863	0.570
7056.9849	0.9633	0.835	7057.9633	0.5202	0.361	7058.9547	0.6828	0.586
7056.9876	0.9568	0.783	7057.9651	0.5177	0.357	7058.9567	0.6794	0.606
7056.9898	0.9517	0.681	7057.9670	0.5153	0.355	7058.9587	0.6760	0.644
7056.9919	0.9464	0.754	7057.9689	0.5128	0.346	7058.9607	0.6726	0.658
7056.9941	0.9413	0.668	7057.9708	0.5104	0.339	7058.9658	0.6640	0.702
7056.9963	0.9361	0.626	7057.9727	0.5080	0.327	7058.9684	0.6597	0.765
7056.9985	0.9309	0.655	7057.9764	0.5033	0.362	7058.9707	0.6558	0.777
7057.0007	0.9259	0.573	7057.9783	0.5009	0.345	7058.9730	0.6521	0.806
7057.0028	0.9209	0.553	7057.9802	0.4985	0.347	7058.9753	0.6483	0.835
7057.0050	0.9158	0.574	7057.9821	0.4961	0.340	7058.9776	0.6446	0.855
7057.0072	0.9108	0.519	7057.9840	0.4937	0.370	7058.9799	0.6409	0.864
7057.0094	0.9058	0.512	7057.9859	0.4914	0.342	7058.9822	0.6372	0.877
7057.0124	0.8991	0.511	7057.9878	0.4890	0.330	7058.9881	0.6278	0.897
7057.0145	0.8942	0.457	7057.9898	0.4867	0.367	7058.9905	0.6240	0.889
7057.0167	0.8893	0.472	7057.9926	0.4832	0.370	7058.9929	0.6202	0.858
7057.0189	0.8845	0.437	7057.9945	0.4809	0.352	7058.9953	0.6165	0.853
7057.0211	0.8796	0.451	7057.9964	0.4786	0.375	7058.9977	0.6128	0.809
7057.0233	0.8748	0.477	7057.9983	0.4763	0.381	7059.0002	0.6091	0.800
7057.0254	0.8701	0.418	7058.0002	0.4741	0.385	7059.0026	0.6054	0.735
7057.0276	0.8653	0.421	7058.0024	0.4714	0.381	7059.0050	0.6017	0.745
7057.0298	0.8606	0.456	7058.0046	0.4689	0.410	7059.0074	0.5981	0.697
7057.0320	0.8559	0.433	7058.0067	0.4664	0.400	7059.0098	0.5945	0.664
7057.0342	0.8512	0.421	7058.0089	0.4639	0.418	7059.0122	0.5909	0.629
7057.0365	0.8462	0.394	7058.0110	0.4614	0.414	7059.0146	0.5873	0.617
7057.0386	0.8417	0.359	7058.0130	0.4590	0.430	7059.0170	0.5838	0.580
7057.0407	0.8372	0.411	7058.0151	0.4566	0.452	7059.0194	0.5802	0.562
7057.0428	0.8328	0.351	7058.0172	0.4542	0.427	7059.0219	0.5767	0.562
7057.0450	0.8284	0.393	7058.0195	0.4517	0.449	7059.0243	0.5733	0.548
7057.0471	0.8240	0.394	7058.0217	0.4491	0.483	7059.0267	0.5698	0.513
7057.0492	0.8196	0.378	7058.0239	0.4466	0.481	7059.0291	0.5663	0.487
7057.0513	0.8152	0.369	7058.0262	0.4441	0.512	7059.0315	0.5629	0.467
7057.0535	0.8109	0.352	7058.0285	0.4416	0.485	7059.0339	0.5595	0.468
7057.0556	0.8066	0.354	7058.0307	0.4391	0.514	7059.0363	0.5562	0.465

Online Table 3 – Continued

JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm
7057.0577	0.8023	0.357	7058.0325	0.4371	0.535	7059.0387	0.5528	0.437
7057.0598	0.7981	0.360	7058.0344	0.4350	0.562	7059.0412	0.5494	0.422
7057.0619	0.7938	0.396	7058.0363	0.4330	0.569	7059.0436	0.5461	0.436
7057.0641	0.7896	0.371	7058.0382	0.4309	0.607	7059.0460	0.5429	0.399
7057.0662	0.7854	0.371	7058.0401	0.4289	0.632	7059.0484	0.5396	0.395
7057.0683	0.7812	0.380	7058.0420	0.4268	0.624	7059.0514	0.5355	0.389
7057.0704	0.7770	0.378	7058.0439	0.4248	0.649	7059.0537	0.5325	0.399
7057.0725	0.7729	0.403	7058.0458	0.4228	0.685	7059.0560	0.5294	0.386
7057.0747	0.7688	0.412	7058.0477	0.4208	0.699	7059.0583	0.5264	0.363
7057.0768	0.7647	0.384	7058.0496	0.4188	0.686	7059.0605	0.5233	0.380
7057.0789	0.7607	0.394	7058.0520	0.4162	0.748	7059.0629	0.5203	0.350
7057.0810	0.7566	0.411	7058.0540	0.4141	0.765	7059.0651	0.5173	0.359
7057.0831	0.7526	0.374	7058.0561	0.4120	0.811	7059.0674	0.5143	0.359
7057.0853	0.7486	0.382	7058.0581	0.4099	0.846	7059.0697	0.5114	0.349
7057.0874	0.7446	0.421	7058.0601	0.4079	0.854	7059.0720	0.5084	0.341
7057.0895	0.7406	0.422	7058.0621	0.4058	0.898	7059.0746	0.5052	0.352
7057.0916	0.7367	0.437	7058.0641	0.4038	0.916	7059.0768	0.5024	0.347
7057.0938	0.7328	0.448	7058.0661	0.4018	0.913	7059.0789	0.4997	0.341
7057.0959	0.7289	0.417	7058.0701	0.9991	0.925	7059.0811	0.4970	0.339
7057.0980	0.7250	0.412	7058.0721	0.9940	0.935	7059.0833	0.4943	0.343
7057.1001	0.7212	0.458	7058.0741	0.9890	0.920	7059.0855	0.4915	0.349
7057.1022	0.7173	0.488	7058.0761	0.9840	0.904	7059.0877	0.4888	0.358
7057.1044	0.7135	0.492	7058.0781	0.9790	0.856	7059.0898	0.4862	0.361
7057.1065	0.7098	0.482	7058.0801	0.9742	0.840	7059.0920	0.4835	0.366
7057.1086	0.7059	0.519	7058.0821	0.9693	0.838	7059.0942	0.4809	0.396
7057.1107	0.7022	0.522	7058.0841	0.9644	0.785	7059.0964	0.4783	0.389
7057.1128	0.6985	0.545	7058.0861	0.9596	0.746	7059.0986	0.4756	0.365
7057.1150	0.6948	0.532	7058.0882	0.9547	0.735	7059.1008	0.4730	0.406
7057.1171	0.6911	0.583	7058.0902	0.9499	0.707	7059.1029	0.4705	0.380
7057.1192	0.6874	0.582	7058.0922	0.9451	0.689	7059.1051	0.4679	0.405
7057.1216	0.6833	0.613	7058.0942	0.9403	0.645	7059.1073	0.4653	0.385
7057.1236	0.6800	0.673	7058.0962	0.9357	0.636	7059.1095	0.4628	0.418
7057.1255	0.6766	0.670	7058.0982	0.9309	0.598	7059.1117	0.4603	0.421
7057.1277	0.6729	0.697	7058.1002	0.9262	0.605	7059.1138	0.4578	0.427
7057.1297	0.6695	0.709	7058.1022	0.9216	0.538	7059.1160	0.4552	0.446
7057.1317	0.6662	0.737	7058.1042	0.9170	0.549	7059.1182	0.4528	0.462
7057.1337	0.6628	0.800	7058.1062	0.9123	0.523	7059.1204	0.4503	0.465
7057.1357	0.6595	0.812	7058.1082	0.9077	0.515	7059.1226	0.4478	0.486
7057.1377	0.6562	0.857	7058.1102	0.9032	0.508	7059.1247	0.4454	0.493
7057.1397	0.6529	0.815	7058.1122	0.8987	0.481	7059.1269	0.4429	0.515
7057.1417	0.6496	0.836	7058.1202	0.8809	0.432	7059.1291	0.4405	0.490
7057.1437	0.6463	0.862	7058.1222	0.8765	0.426	7059.1313	0.4381	0.509
7057.1457	0.6431	0.902	7058.1242	0.8721	0.434	7059.1335	0.4357	0.546

Online Table 3 – Continued

JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm	JD(Hel.)	Phase	Δm
7057.1477	0.6399	0.899	7058.1262	0.8677	0.432	7059.1356	0.4334	0.574
7057.1497	0.6366	0.892	7058.1282	0.8633	0.436	7059.1378	0.4310	0.611
7057.1517	0.6335	0.923	7058.1302	0.8590	0.418	7059.1400	0.4286	0.617
7057.1538	0.6303	0.926	7058.1322	0.8547	0.420	7059.1422	0.4263	0.644
7057.1558	0.6271	0.902	7058.1342	0.8504	0.397	7059.1444	0.4240	0.669
7057.1578	0.6239	0.917	7058.1362	0.8461	0.431	7059.1465	0.4216	0.691
7057.1598	0.6208	0.887	7058.1382	0.8419	0.403	7059.1487	0.4193	0.700
7057.1618	0.6177	0.854	7058.1402	0.8376	0.361	7059.1509	0.4170	0.761
7057.1638	0.6146	0.826	7058.1422	0.8334	0.395	7059.1531	0.4148	0.793
7057.1658	0.6114	0.796	7058.1442	0.8292	0.370	7059.1553	0.4125	0.815
7057.1678	0.6084	0.777	7058.1463	0.8250	0.366	7059.1574	0.4102	0.846
7057.1698	0.6053	0.827	7058.1483	0.8209	0.357	7059.1596	0.4080	0.870
7057.1718	0.6023	0.709	7058.1503	0.8167	0.367	7059.1618	0.4058	0.897
7057.9354	0.5579	0.458	7058.1523	0.8126	0.344	7059.1640	0.4035	0.901
7057.9376	0.5548	0.459	7058.1543	0.8086	0.384	7059.1662	0.4013	0.921
7057.9398	0.5518	0.472	7058.1583	0.8004	0.343	7059.1683	0.3991	0.921