Table 1. *UBVRI* photometry of DM UMa obtained at Mt Laguna.

JD 2400000+	ΔV	Δ(U-B)	Δ(B-V)	Δ(V-R)	Δ(V-I)	JD 2400000+	ΔV	Δ(U-B)	Δ(B-V)	Δ(V-R)	Δ(V-I)
47291.8434	0.482	-0.449	-0.127	—	—	49489.6855	0.158	-0.495	-0.161	-0.034	-0.021
47292.8323	0.394	-0.471	-0.142	—	—	49489.7098	0.173	-0.515	-0.165	-0.027	-0.023
47293.8279	0.379	-0.475	-0.156	—	—	49492.6885	0.230	-0.499	-0.149	-0.018	-0.001
47294.8514	0.394	-0.446	-0.129	—	—	49493.6892	0.202	-0.501	-0.145	-0.018	-0.008
47295.8428	0.446	-0.445	-0.136	—	—	49494.6883	0.195	-0.475	-0.150	-0.024	-0.012
47296.8332	0.518	-0.421	-0.118	—	—	49495.7253	0.211	-0.477	-0.152	-0.023	-0.011
47300.8286	0.377	-0.490	-0.151	—	—	49738.0217	0.160	-0.527	-0.159	-0.032	-0.030
47301.8279	0.377	-0.484	-0.135	—	—	49746.0540	0.184	-0.504	-0.152	-0.032	-0.023
47302.8186	0.404	-0.440	-0.119	—	—	49748.0548	0.159	-0.507	-0.152	-0.028	-0.026
47593.0413	0.315	-0.474	-0.138	—	—	49749.0408	0.126	-0.498	-0.151	-0.031	-0.024
47594.9806	0.365	-0.435	-0.140	—	—	49750.0500	0.139	-0.502	-0.153	-0.028	-0.023
47654.8331	0.335	-0.451	-0.138	—	—	49751.0420	0.147	-0.492	-0.150	-0.032	-0.030
47659.8341	0.317	-0.463	-0.156	—	—	49752.0311	0.166	-0.505	-0.153	-0.026	-0.020
47663.7935	0.429	-0.437	-0.125	—	—	49753.0309	0.172	-0.484	-0.155	-0.030	-0.019
47664.8009	0.477	-0.421	-0.118	—	—	49754.0363	0.188	-0.493	-0.157	-0.030	-0.019
47665.8150	0.446	-0.518	-0.124	—	—	49755.0378	0.174	-0.499	-0.159	-0.033	-0.022
47706.6995	0.319	-0.441	-0.144	—	—	49760.0449	0.166	-0.537	-0.151	-0.026	-0.029
47707.6996	0.374	-0.479	-0.138	—	—	49767.0361	0.179	-0.509	-0.162	-0.020	-0.022
47708.6973	0.419	-0.447	-0.135	—	—	49768.0047	0.189	-0.494	-0.141	-0.024	-0.022
47709.6963	0.462	-0.426	-0.120	—	—	49773.0279	0.112	-0.482	-0.160	-0.038	-0.037
47715.7150	0.408	-0.454	-0.117	—	—	50209.8647	0.207	-0.508	-0.151	-0.019	-0.002
48024.8442	0.337	-0.452	-0.141	-0.005	0.016	50211.6811	0.241	-0.501	-0.151	-0.014	0.005
48025.8169	0.244	-0.467	-0.156	-0.023	-0.007	50213.8703	0.177	-0.483	-0.153	-0.027	-0.019
48026.8061	0.165	-0.490	-0.168	-0.030	-0.020	50214.6818	0.158	-0.501	-0.160	-0.027	-0.025
48027.8021	0.161	-0.499	-0.164	-0.033	-0.022	50215.6854	0.082	-0.543	-0.163	-0.043	-0.050
48028.8121	0.213	-0.491	-0.156	-0.035	-0.016	50216.8745	0.164	-0.482	-0.138	-0.034	-0.020
48029.7761	0.279	-0.491	-0.160	-0.022	0.007	50217.6864	0.224	-0.510	-0.168	-0.023	-0.009
48031.8102	0.344	-0.467	-0.144	-0.013	0.017	50219.6832	0.222	-0.485	-0.140	-0.017	0.006
48031.8322	0.354	-0.477	-0.152	-0.001	0.026	50219.7051	0.203	-0.503	-0.139	-0.020	-0.001
48033.8508	0.184	-0.487	-0.162	-0.025	-0.018	50223.6891	0.135	-0.475	-0.145	-0.027	-0.019
48036.7921	0.252	-0.488	-0.156	-0.019	-0.005	50223.7124	0.151	-0.489	-0.152	-0.012	-0.007
48037.7910	0.305	-0.478	-0.146	-0.015	0.011	50224.6852	0.197	-0.486	-0.144	-0.014	-0.003
48318.9538	0.154	-0.481	-0.163	-0.029	-0.026	50225.6874	0.271	-0.524	-0.136	-0.018	0.004
48322.9467	0.309	-0.471	-0.135	-0.013	0.014	50662.6936	0.175	-0.449	-0.157	-0.015	-0.008
48323.9117	0.349	-0.460	-0.126	-0.003	0.033	50664.6838	0.150	-0.530	-0.160	-0.024	-0.004
48323.9449	0.337	-0.451	-0.109	-0.022	0.017	50665.6829	0.144	-0.502	-0.145	-0.029	-0.032
48324.6583	0.302	-0.471	-0.144	-0.009	0.016	50669.6791	0.171	-0.496	-0.137	-0.036	-0.027
48388.8306	0.212	-0.501	-0.154	-0.021	-0.006	50670.6809	0.151	-0.461	-0.171	-0.034	-0.021
48389.8164	0.296	-0.461	-0.160	-0.013	0.024	50672.7480	0.122	-0.573	-0.130	-0.057	-0.036
48390.7911	0.339	-0.473	-0.138	-0.019	0.023	50673.7343	0.143	-0.465	-0.112	-0.056	-0.032
48391.8244	0.326	-0.470	-0.140	-0.015	0.018	50674.7110	0.221	-0.447	-0.136	-0.020	-0.002
48392.8040	0.207	-0.490	-0.157	-0.024	-0.011	50675.6752	0.245	-0.481	-0.137	-0.025	-0.022
48393.8177	0.151	-0.482	-0.148	-0.035	-0.022	50676.6748	0.191	-0.476	-0.150	-0.039	-0.031
48395.8151	0.211	-0.463	-0.145	-0.020	-0.003	50944.8206	0.228	-0.449	-0.146	-0.022	-0.010
48398.7935	0.365	-0.481	-0.142	0.000	0.026	50948.8128	0.166	-0.500	-0.157	-0.030	-0.023
48399.8209	0.265	-0.490	-0.141	-0.026	-0.004	50950.8053	0.151	-0.503	-0.147	-0.036	-0.038
48400.7847	0.165	-0.496	-0.159	-0.023	-0.021	50951.7966	0.233	-0.455	-0.138	-0.018	-0.006
48402.7864	0.186	-0.470	-0.151	-0.026	-0.019	50952.8160	0.226	-0.476	-0.135	-0.019	-0.005
48754.8095	0.160	-0.486	-0.158	-0.028	-0.023	50953.8582	0.177	-0.488	-0.152	-0.019	-0.020
48755.8044	0.176	-0.493	-0.151	-0.026	-0.022	50954.6872	0.159	-0.482	-0.153	-0.029	-0.036
48757.8069	0.298	-0.467	-0.134	-0.016	0.012	50955.6826	0.173	-0.508	-0.156	-0.064	0.011
48759.7836	0.248	-0.472	-0.154	-0.021	-0.006	50956.6883	0.140	-0.511	-0.165	-0.033	-0.034
48760.8069	0.186	-0.491	-0.160	-0.025	-0.015	50957.8537	0.131	-0.507	-0.156	-0.040	-0.038
48762.7709	0.151	-0.507	-0.164	-0.027	-0.021	50958.6904	0.199	-0.502	-0.141	-0.027	-0.016
48769.7435	0.163	-0.513	-0.167	-0.024	-0.021	50960.8641	0.183	-0.473	-0.130	-0.029	-0.020
49412.0427	0.167	-0.612	-0.167	-0.029	-0.018	50961.6919	0.150	-0.493	-0.161	-0.035	-0.029
49413.0381	0.176	-0.596	-0.143	-0.025	-0.016	51312.6893	0.124	-0.472	-0.157	-0.035	-0.042
49483.7462	0.187	-0.600	-0.173	-0.026	-0.022	51313.6850	0.078	-0.466	-0.164	-0.037	-0.043
49483.7712	0.198	-0.591	-0.173	-0.030	-0.021	51314.6807	0.118	-0.482	-0.152	-0.034	-0.035
49485.8127	0.223	-0.476	-0.143	-0.019	-0.006	51314.6900	0.112	-0.480	-0.147	-0.033	-0.039
49486.6886	0.191	-0.496	-0.141	-0.024	-0.015	51315.6872	0.131	-0.529	-0.160	-0.027	-0.031
49487.6903	0.203	-0.476	-0.153	-0.023	-0.007	51316.6882	0.146	-0.545	-0.152	-0.032	-0.031
49488.6840	0.210	-0.489	-0.148	-0.020	-0.010	51317.8604	0.239	-0.483	-0.130	-0.023	-0.010

Table 1 – *continued*

JD 2400000+	ΔV	Δ(U-B)	Δ(B-V)	Δ(V-R)	Δ(V-I)	JD 2400000+	ΔV	Δ(U-B)	Δ(B-V)	Δ(V-R)	Δ(V-I)
51318.6840	0.264	-0.483	-0.136	-0.021	-0.010	52754.6756	0.215	-0.464	-0.144	-0.024	-0.005
51319.6845	0.167	-0.499	-0.161	-0.029	-0.030	52755.6728	0.172	-0.458	-0.145	-0.028	-0.014
51319.8584	0.156	-0.488	-0.142	-0.037	-0.038	52757.6731	0.265	-0.436	-0.131	-0.018	0.008
51322.8057	0.134	-0.465	-0.153	-0.028	-0.028	52759.6988	0.263	-0.463	-0.139	-0.012	0.011
51323.8479	0.151	-0.465	-0.143	-0.032	-0.030	52761.8935	0.234	-0.448	-0.124	-0.018	0.007
51324.8636	0.211	-0.470	-0.129	-0.027	-0.010	53134.7148	0.139	-0.476	-0.149	-0.031	-0.028
51325.6859	0.270	-0.448	-0.136	-0.014	0.007	53135.8514	0.145	-0.470	-0.151	-0.028	-0.022
51326.6899	0.237	-0.490	-0.144	-0.023	-0.014	53136.6924	0.139	-0.477	-0.165	-0.032	-0.023
51682.8403	0.085	-0.510	-0.158	-0.029	-0.033	53137.8402	0.155	-0.539	-0.153	-0.025	-0.017
51683.8397	0.174	-0.467	-0.135	-0.025	-0.018	53138.6942	0.212	-0.499	-0.147	-0.020	-0.012
51685.6878	0.365	-0.439	-0.122	-0.007	0.028	53146.6931	0.251	-0.437	-0.137	-0.018	0.004
51686.8480	0.260	-0.437	-0.117	-0.017	0.017	53147.6897	0.245	-0.437	-0.135	-0.016	0.005
51687.6895	0.171	-0.458	-0.142	-0.022	-0.014	53151.6957	0.144	-0.486	-0.147	-0.033	-0.029
51689.7851	0.060	-0.484	-0.161	-0.041	-0.048	53155.8203	0.228	-0.427	-0.127	-0.015	0.017
51691.8346	0.257	-0.441	-0.128	-0.021	0.011	53156.7961	0.151	-0.435	-0.153	-0.023	-0.017
51692.6953	0.361	-0.437	-0.114	-0.005	0.030	53498.8023	0.224	-0.454	-0.125	-0.013	0.007
51693.6865	0.336	-0.434	-0.122	-0.005	0.027	53499.8110	0.126	-0.471	-0.146	-0.029	-0.023
51694.6920	0.226	-0.456	-0.138	-0.017	0.001	53501.8084	0.107	-0.478	-0.147	-0.037	-0.030
51695.6927	0.123	-0.465	-0.150	-0.030	-0.028	53502.7977	0.119	-0.490	-0.148	-0.028	-0.031
51696.8292	0.082	-0.461	-0.158	-0.035	-0.036	53503.8229	0.110	-0.491	-0.154	-0.027	-0.032
52047.8177	0.099	-0.455	-0.140	-0.048	-0.048	53505.6791	0.223	-0.481	-0.126	-0.016	0.002
52050.8498	0.162	-0.445	-0.147	-0.024	-0.014	53506.6813	0.194	-0.470	-0.132	-0.019	-0.002
52051.6902	0.225	-0.469	-0.131	-0.024	-0.003	53510.8168	0.110	-0.499	-0.145	-0.036	-0.038
52052.6884	0.295	-0.457	-0.129	-0.008	0.017	53511.8186	0.127	-0.501	-0.157	-0.027	-0.029
52053.6910	0.270	-0.443	-0.131	-0.011	0.011	53512.8172	0.213	-0.445	-0.139	-0.020	0.008
52054.6910	0.161	-0.448	-0.140	-0.027	-0.021	53872.7861	0.217	-0.445	-0.133	-0.011	0.007
52055.6912	0.074	-0.477	-0.159	-0.037	-0.040	53874.8954	0.183	-0.428	-0.148	-0.022	-0.008
52058.7573	0.189	-0.437	-0.143	-0.031	-0.015	53879.8973	0.212	-0.395	-0.112	-0.010	0.006
52059.6884	0.253	-0.438	-0.127	-0.014	0.010	53880.6929	0.196	-0.450	-0.133	-0.019	-0.010
52060.6890	0.302	-0.372	-0.168	-0.033	0.016	53881.6932	0.171	-0.455	-0.139	-0.023	-0.013
52061.6851	0.244	-0.441	-0.136	-0.016	0.005	53885.8652	0.143	-0.432	-0.118	-0.031	-0.031
52434.7124	0.230	-0.457	-0.135	-0.021	-0.003	53886.6928	0.179	-0.446	-0.142	-0.017	-0.008
52435.6983	0.297	-0.449	-0.125	-0.005	0.016	53887.6910	0.201	-0.434	-0.129	-0.017	-0.002
52436.6978	0.272	-0.434	-0.131	-0.012	0.015	53890.6950	0.184	-0.468	-0.137	-0.017	-0.001
52437.6996	0.219	-0.457	-0.131	-0.020	-0.001	54228.8912	0.089	-0.466	-0.156	-0.044	-0.051
52438.6988	0.192	-0.465	-0.138	-0.020	0.000	54229.8977	0.173	-0.476	-0.139	-0.028	-0.022
52439.7063	0.163	-0.456	-0.145	-0.025	-0.019	54230.8623	0.211	-0.457	-0.115	-0.021	-0.013
52440.7129	0.156	-0.479	-0.142	-0.021	-0.012	54231.7487	0.206	-0.458	-0.135	-0.026	-0.008
52441.7093	0.201	-0.488	-0.140	-0.022	-0.001	54232.7386	0.178	-0.447	-0.145	-0.025	-0.020
52442.7053	0.284	-0.456	-0.139	-0.002	0.021	54234.8045	0.093	-0.469	-0.151	-0.042	-0.040
52443.7157	0.287	-0.440	-0.124	-0.019	0.009	54236.8818	0.150	-0.447	-0.143	-0.029	-0.028
52444.7037	0.240	-0.451	-0.119	-0.018	0.007	54238.6916	0.213	-0.442	-0.131	-0.024	-0.007
52737.9042	0.297	-0.416	-0.129	-0.006	0.017	54239.6913	0.196	-0.465	-0.137	-0.024	-0.014
52738.6752	0.297	-0.447	-0.126	-0.008	0.024	54240.6959	0.159	-0.481	-0.141	-0.028	-0.019
52739.6701	0.217	-0.470	-0.146	-0.019	-0.002	54241.6887	0.108	-0.471	-0.155	-0.038	-0.035
52745.9015	0.300	-0.424	-0.124	-0.009	0.032	54242.6886	0.070	-0.488	-0.166	-0.036	-0.041
52746.6661	0.262	-0.446	-0.129	-0.020	0.008	54248.8317	0.139	-0.504	-0.149	-0.022	-0.027
52749.6670	0.239	-0.471	-0.132	0.003	0.014						