T a b l e 8

Eclipsing stars in SMC_SC7 field

Star number	RA (J2000)	DEC (J2000)	P [days]	T_0 [HJD]	I [mag]	$B-V$ [mag]	$V-I$ [mag]
540	$0^h54^m29^s.00$	$-73^\circ18'46''.2$	1.76481	2450632.91078	17.480	−0.039	0.026
4809	$0^h55^m03^s.46$	$-73^\circ17'19''.6$	0.50036	2450628.01484	19.310	−0.005	−0.043
9072	$0^h54^m33^s.28$	$-73^\circ13'15''.2$	1.28686	2450628.21796	18.298	−0.102	0.086
9109	$0^h54^m45^s.88$	$-73^\circ12'57''.3$	2.47810	2450631.58654	18.192	−0.144	−0.116
9119	$0^h55^m00^s.51$	$-73^\circ12'54''.2$	1.17392	2450628.87753	17.937	−0.038	−0.038
13487	$0^h54^m33^s.20$	$-73^\circ10'39''.6$	5.71080	2450634.84153	15.709	−0.036	−0.113
13493	$0^h55^m09^s.45$	$-73^\circ10'25''.8$	1.30667	2450629.07831	16.235	−0.175	−0.168
14592	$0^h54^m53^s.10$	$-73^\circ08'26''.1$	0.55568	2450627.46712	18.446	−0.027	0.080
18319	$0^h55^m00^s.76$	$-73^\circ06'42''.0$	2.58529	2450631.91551	16.685	−0.159	−0.154
18332	$0^h54^m37^s.07$	$-73^\circ06'24''.5$	3.16118	2450630.86189	16.521	−0.138	−0.035
18931	$0^h55^m08^s.55$	$-73^\circ07'33''.9$	12.68504	2450635.37879	18.497	0.352	0.599
19187	$0^h55^m06^s.06$	$-73^\circ06'02''.2$	0.94292	2450628.41021	18.692	−0.066	0.004
22995	$0^h54^m56^s.74$	$-73^\circ03'31''.0$	96.84241	2450715.34513	16.620	1.043	1.142
23058	$0^h54^m38^s.55$	$-73^\circ01'46''.0$	2.34974	2450628.71467	16.952	−0.131	−0.036
23212	$0^h55^m09^s.20$	$-73^\circ03'23''.2$	2.27035	2450629.58551	18.395	−0.047	−0.016
32419	$0^h54^m32^s.06$	$-72^\circ56'38''.7$	2.40819	2450635.12469	17.563	−0.108	0.071
33600	$0^h54^m51^s.00$	$-72^\circ53'51''.9$	0.57392	2450627.98971	18.837	−0.032	0.054
37763	$0^h54^m56^s.58$	$-72^\circ51'43''.3$	2.17324	2450628.56564	18.075	−0.012	0.013
42474	$0^h54^m42^s.97$	$-72^\circ49'24''.2$	3.43520	2450628.92633	17.480	0.076	0.080
47309	$0^h54^m27^s.07$	$-72^\circ43'57''.6$	2.58841	2450660.32458	17.468	−0.077	−0.010
47996	$0^h54^m32^s.38$	$-72^\circ45'43''.2$	1.60872	2450633.00206	18.579	−0.089	0.108
48262	$0^h55^m11^s.57$	$-72^\circ44'07''.3$	0.90537	2450627.97618	18.885	−0.095	0.010
52499	$0^h54^m45^s.52$	$-72^\circ42'54''.1$	1.53897	2450628.09398	17.713	0.119	−0.094
52631	$0^h54^m40^s.35$	$-72^\circ42'03''.5$	1.50529	2450629.07904	18.350	−0.063	−0.028
52810	$0^h55^m05^s.44$	$-72^\circ40'53''.6$	0.61413	2450627.53633	17.648	−0.098	−0.100
57169	$0^h54^m53^s.41$	$-72^\circ36'30''.1$	1.01028	2450628.77687	16.631	−0.158	−0.124
57193	$0^h54^m45^s.05$	$-72^\circ39'09''.4$	0.63497	2450627.52214	16.984	—	0.198
61679	$0^h54^m31^s.87$	$-72^\circ35'11''.0$	0.33125	2450632.02570	15.390	0.984	0.993
61715	$0^h54^m42^s.38$	$-72^\circ35'21''.0$	1.00684	2450628.59109	16.564	−0.121	−0.068
62122	$0^h55^m01^s.79$	$-72^\circ34'18''.3$	4.57400	2450629.85069	18.310	−0.096	−0.108
62145	$0^h55^m01^s.58$	$-72^\circ34'08''.5$	0.70559	2450627.11669	18.305	−0.107	0.012
62245	$0^h54^m56^s.82$	$-72^\circ33'24''.4$	1.96873	2450629.76750	18.373	−0.008	0.030
66175	$0^h54^m38^s.22$	$-72^\circ32'06''.2$	3.62636	2450633.11207	14.382	−0.108	−0.014
66574	$0^h55^m09^s.24$	$-72^\circ31'01''.1$	55.88272	2450716.89531	17.753	0.951	1.078
67535	$0^h55^m01^s.54$	$-72^\circ31'54''.9$	1.25394	2450628.58044	19.027	0.127	0.135
70911	$0^h54^m35^s.07$	$-72^\circ28'45''.8$	2.34266	2450634.39308	16.856	−0.100	−0.008
70933	$0^h54^m53^s.29$	$-72^\circ28'12''.2$	2.05886	2450627.48603	17.440	−0.150	−0.082
70950	$0^h54^m30^s.03$	$-72^\circ27'50''.7$	4.44880	2450664.07144	17.314	−0.114	−0.034
70971	$0^h54^m51^s.07$	$-72^\circ27'09''.2$	2.24680	2450629.60491	17.341	0.122	−0.123
70994	$0^h54^m39^s.44$	$-72^\circ26'35''.9$	1.82271	2450627.04788	17.305	−0.111	−0.039
76894	$0^h55^m28^s.13$	$-73^\circ18'54''.0$	10.88204	2450643.18836	19.336	0.320	0.537
79840	$0^h55^m34^s.00$	$-73^\circ17'05''.5$	1.67127	2450629.25080	18.679	0.062	0.130
83067	$0^h55^m53^s.91$	$-73^\circ11'25''.6$	0.53383	2450627.63718	16.105	1.048	1.411
83110	$0^h55^m18^s.79$	$-73^\circ13'23''.3$	5.29831	2450633.69872	17.238	−0.190	−0.149
91563	$0^h55^m37^s.84$	$-73^\circ07'12''.8$	3.81628	2450627.14106	16.943	−0.083	−0.068
91646	$0^h55^m27^s.08$	$-73^\circ05'03''.9$	1.42483	2450628.89832	16.801	−0.136	−0.102
91654	$0^h55^m27^s.74$	$-73^\circ04'54''.1$	3.07494	2450628.24188	17.025	−0.088	−0.016
92143	$0^h55^m57^s.68$	$-73^\circ07'14''.8$	1.82731	2450628.48701	19.064	0.031	0.066
96217	$0^h55^m26^s.36$	$-73^\circ02'41''.8$	1.10861	2450628.73177	17.844	−0.043	0.000
101187	$0^h55^m19^s.38$	$-73^\circ00'22''.0$	1.76979	2450627.94290	18.788	0.045	0.000
105320	$0^h55^m17^s.89$	$-72^\circ54'04''.3$	2.30208	2450630.23608	17.455	−0.072	−0.027
105440	$0^h55^m27^s.21$	$-72^\circ56'25''.9$	1.29399	2450628.14794	17.785	−0.036	−0.027
105833	$0^h55^m19^s.49$	$-72^\circ53'38''.4$	1.00287	2450627.35828	18.192	−0.054	−0.020
106326	$0^h55^m31^s.83$	$-72^\circ54'14''.7$	1.54878	2450627.05530	18.612	−0.059	0.089
106420	$0^h55^m24^s.35$	$-72^\circ53'36''.8$	2.75377	2450628.83696	18.859	0.236	0.293
110129	$0^h55^m39^s.95$	$-72^\circ53'10''.7$	2.35207	2450629.19120	16.249	−0.116	−0.082
110245	$0^h55^m26^s.09$	$-72^\circ51'53''.3$	2.31401	2450630.93765	17.304	−0.075	−0.106
110260	$0^h55^m49^s.82$	$-72^\circ51'26''.6$	3.28808	2450629.25987	16.590	0.050	−0.050
110723	$0^h55^m32^s.85$	$-72^\circ50'24''.4$	4.71272	2450632.41390	17.802	0.060	0.228
110724	$0^h55^m48^s.42$	$-72^\circ50'24''.6$	1.32586	2450629.52463	18.433	−0.001	0.027
115177	$0^h55^m42^s.64$	$-72^\circ49'26''.8$	2.14025	2450628.77436	16.434	−0.052	−0.145
115361	$0^h55^m54^s.53$	$-72^\circ47'16''.9$	1.57361	2450629.99015	17.018	−0.106	−0.086
115374	$0^h55^m52^s.83$	$-72^\circ46'59''.9$	0.70418	2450627.27653	17.535	−0.153	−0.136
115496	$0^h55^m49^s.60$	$-72^\circ49'15''.9$	1.68289	2450629.51550	18.358	−0.092	−0.030
120038	$0^h55^m26^s.13$	$-72^\circ43'36''.9$	2.59280	2450628.29213	15.817	−0.203	−0.195
120044	$0^h55^m31^s.56$	$-72^\circ43'07''.8$	1.31083	2450627.83137	15.796	−0.175	−0.164
120183	$0^h55^m23^s.96$	$-72^\circ44'11''.0$	0.72823	2450627.28850	17.501	−0.117	−0.122
120192	$0^h55^m23^s.33$	$-72^\circ44'01''.1$	2.86728	2450632.42820	17.168	−0.076	−0.055
124807	$0^h55^m55^s.56$	$-72^\circ41'17''.7$	9.49142	2450636.09181	16.092	0.035	0.157
125951	$0^h55^m18^s.98$	$-72^\circ39'29''.0$	0.67493	2450627.44437	18.916	−0.127	0.094
133544	$0^h55^m56^s.49$	$-72^\circ32'26''.0$	4.83542	2450631.74007	16.317	−0.100	−0.084

Table 8

concluded

Star number	RA (J2000)	DEC (J2000)	P [days]	T_0 [HJD]	I [mag]	$B-V$ [mag]	$V-I$ [mag]
133756	$0^{h}55^{m}44^{s}.05$	$-72^{\circ}34'57''.0$	1.69744	2450627.05901	18.594	0.037	0.135
133897	$0^{h}55^{m}41^{s}.23$	$-72^{\circ}33'52''.4$	1.59029	2450627.32845	17.147	-0.162	-0.149
137570	$0^{h}55^{m}29^{s}.18$	$-72^{\circ}32'10''.7$	1.55621	2450628.63250	16.116	-0.189	-0.148
138184	$0^{h}55^{m}48^{s}.45$	$-72^{\circ}32'07''.2$	1.22311	2450629.01097	18.509	-0.004	0.128
142073	$0^{h}55^{m}54^{s}.45$	$-72^{\circ}28'08''.5$	3.18865	2450627.85268	15.041	-0.165	-0.117
157082	$0^{h}56^{m}02^{s}.15$	$-73^{\circ}11'04''.9$	18.34682	2450651.18616	18.816	0.603	0.727
157377	$0^{h}56^{m}10^{s}.07$	$-73^{\circ}09'06''.4$	5.18872	2450630.78895	18.322	-0.031	0.020
164950	$0^{h}56^{m}31^{s}.67$	$-73^{\circ}03'05''.2$	14.31560	2450630.80171	17.939	0.035	0.065
165083	$0^{h}56^{m}44^{s}.18$	$-73^{\circ}01'43''.6$	0.71707	2450627.52974	17.645	-0.150	-0.082
165620	$0^{h}56^{m}02^{s}.81$	$-73^{\circ}01'09''.0$	4.23574	2450627.09848	19.070	0.313	0.618
169045	$0^{h}56^{m}42^{s}.21$	$-72^{\circ}58'56''.0$	0.61789	2450627.34492	17.265	-0.109	-0.119
169490	$0^{h}56^{m}23^{s}.61$	$-72^{\circ}59'01''.0$	1.94836	2450628.24612	18.328	-0.089	-0.055
181412	$0^{h}56^{m}24^{s}.79$	$-72^{\circ}49'47''.9$	2.42486	2450629.22745	17.214	—	-0.033
181869	$0^{h}56^{m}07^{s}.88$	$-72^{\circ}49'55''.8$	1.21175	2450627.46536	18.774	-0.051	0.051
185619	$0^{h}56^{m}41^{s}.68$	$-72^{\circ}46'28''.1$	1.14466	2450629.07382	16.815	-0.116	-0.157
189660	$0^{h}56^{m}37^{s}.30$	$-72^{\circ}41'43''.3$	1.66786	2450627.91659	16.194	-0.124	-0.098
189858	$0^{h}56^{m}19^{s}.40$	$-72^{\circ}42'33''.2$	2.40930	2450629.02131	17.581	-0.128	-0.094
193722	$0^{h}56^{m}16^{s}.42$	$-72^{\circ}37'51''.6$	24.97926	2450645.22534	15.213	-0.012	0.061
193779	$0^{h}56^{m}21^{s}.80$	$-72^{\circ}37'01''.7$	1.67295	2450627.56182	16.109	-0.027	-0.097
193832	$0^{h}56^{m}04^{s}.45$	$-72^{\circ}38'25''.4$	1.89825	2450629.44695	16.890	-0.104	-0.055
194167	$0^{h}56^{m}02^{s}.88$	$-72^{\circ}36'37''.9$	1.47436	2450626.99109	17.605	-0.065	-0.004
202614	$0^{h}56^{m}12^{s}.06$	$-72^{\circ}29'39''.2$	0.79870	2450627.57711	18.425	-0.014	-0.026
206212	$0^{h}56^{m}18^{s}.47$	$-72^{\circ}27'08''.7$	5.58638	2450628.96334	16.821	-0.150	-0.151
206520	$0^{h}56^{m}23^{s}.47$	$-72^{\circ}27'36''.2$	0.93333	2450628.16198	18.224	-0.152	-0.064
207302	$0^{h}56^{m}14^{s}.52$	$-72^{\circ}27'05''.2$	8.43208	2450638.90384	18.922	0.607	0.915
212471	$0^{h}57^{m}35^{s}.06$	$-73^{\circ}18'56''.0$	2.54785	2450628.55891	18.922	—	0.242
228350	$0^{h}57^{m}29^{s}.22$	$-73^{\circ}03'54''.2$	5.02400	2450630.43076	17.090	0.002	0.081
233103	$0^{h}57^{m}26^{s}.32$	$-72^{\circ}57'58''.0$	3.68161	2450628.30126	18.231	0.062	0.123
236364	$0^{h}57^{m}27^{s}.73$	$-72^{\circ}55'58''.5$	0.87194	2450627.08487	17.662	1.368	2.259
237128	$0^{h}57^{m}34^{s}.96$	$-72^{\circ}53'35''.3$	11.60732	2450631.91932	18.361	—	—
240244	$0^{h}57^{m}15^{s}.70$	$-72^{\circ}50'10''.5$	1.90673	2450627.30698	17.365	0.064	0.031
243913	$0^{h}56^{m}56^{s}.34$	$-72^{\circ}49'06''.4$	2.63160	2450627.45906	14.840	-0.150	-0.096
244875	$0^{h}56^{m}48^{s}.98$	$-72^{\circ}46'51''.8$	0.93720	2450627.12265	18.564	0.129	0.334
247769	$0^{h}57^{m}31^{s}.07$	$-72^{\circ}46'17''.0$	1.03036	2450628.86808	17.301	-0.070	-0.009
247808	$0^{h}57^{m}02^{s}.70$	$-72^{\circ}44'54''.6$	3.14512	2450632.14549	17.345	-0.058	0.017
248612	$0^{h}57^{m}18^{s}.51$	$-72^{\circ}44'04''.6$	16.56999	2450640.13912	18.520	0.514	0.786
251744	$0^{h}57^{m}03^{s}.06$	$-72^{\circ}40'29''.5$	1.09166	2450627.36417	17.120	-0.103	-0.076
252634	$0^{h}57^{m}10^{s}.10$	$-72^{\circ}39'32''.6$	0.93975	2450627.32666	19.241	0.087	0.183
255621	$0^{h}57^{m}26^{s}.39$	$-72^{\circ}36'45''.9$	4.33063	2450639.02095	16.180	-0.177	-0.111
255665	$0^{h}57^{m}24^{s}.33$	$-72^{\circ}38'07''.7$	47.33020	2450712.28945	16.624	0.813	1.079
255917	$0^{h}56^{m}53^{s}.72$	$-72^{\circ}37'18''.9$	1.52412	2450627.58836	17.737	-0.022	0.059
259593	$0^{h}57^{m}27^{s}.50$	$-72^{\circ}35'14''.6$	1.52073	2450627.33044	18.298	-0.092	-0.042
263170	$0^{h}57^{m}30^{s}.51$	$-72^{\circ}31'19''.8$	35.64364	2450682.86607	17.335	0.570	0.921
263369	$0^{h}57^{m}20^{s}.69$	$-72^{\circ}30'48''.4$	2.39541	2450629.94781	17.606	-0.063	-0.031
267492	$0^{h}57^{m}00^{s}.58$	$-72^{\circ}26'44''.4$	1.27914	2450628.50353	18.428	-0.065	0.009