T a b l e 9

Eclipsing stars in SMC_SC8 field

Star number	RA (J2000)	DEC (J2000)	P [days]	T_0 [HJD]	I [mag]	$B-V$ [mag]	$V-I$ [mag]
105	$0^{h}57^{m}46.^{s}20$	$-73^{\circ}06'16.''2$	31.84238	2450646.95985	17.068	0.817	1.075
778	$0^{h}57^{m}44.^{s}42$	$-73^{\circ}05'25.''9$	0.46041	2450627.33522	19.038	−0.031	−0.034
5119	$0^{h}57^{m}22.^{s}91$	$-73^{\circ}02'30.''5$	1.80073	2450661.08096	19.175	—	0.200
7991	$0^{h}57^{m}26.^{s}32$	$-72^{\circ}57'58.''1$	3.68144	2450637.45414	18.212	0.008	0.137
8204	$0^{h}57^{m}40.^{s}13$	$-72^{\circ}59'46.''8$	3.32042	2450630.47004	19.149	−0.014	0.067
11553	$0^{h}57^{m}27.^{s}72$	$-72^{\circ}55'58.''6$	0.87194	2450635.36705	17.653	—	2.220
11956	$0^{h}57^{m}43.^{s}93$	$-72^{\circ}57'07.''5$	1.54884	2450628.01759	18.954	0.268	0.152
15294	$0^{h}58^{m}05.^{s}02$	$-72^{\circ}50'17.''2$	1.31280	2450628.87291	17.244	−0.098	−0.141
15451	$0^{h}58^{m}00.^{s}34$	$-72^{\circ}51'43.''9$	29.43128	2450659.84748	18.226	0.737	0.796
15581	$0^{h}57^{m}34.^{s}95$	$-72^{\circ}53'35.''3$	11.60284	2450637.71125	18.398	0.735	0.974
15862	$0^{h}57^{m}58.^{s}53$	$-72^{\circ}51'49.''7$	2.19734	2450631.13206	18.191	−0.071	−0.019
16016	$0^{h}57^{m}44.^{s}03$	$-72^{\circ}50'49.''9$	1.06056	2450627.05926	18.748	−0.095	−0.008
18970	$0^{h}57^{m}42.^{s}12$	$-72^{\circ}48'14.''8$	2.42844	2450629.19027	16.718	−0.044	0.032
19136	$0^{h}58^{m}06.^{s}87$	$-72^{\circ}47'59.''7$	1.11087	2450627.74100	17.826	−0.074	−0.050
22435	$0^{h}57^{m}31.^{s}06$	$-72^{\circ}46'17.''0$	1.03026	2450633.01598	17.438	−0.065	−0.158
24032	$0^{h}57^{m}53.^{s}06$	$-72^{\circ}43'31.''8$	0.49370	2450627.82843	19.196	−0.022	−0.022
26423	$0^{h}57^{m}37.^{s}40$	$-72^{\circ}40'59.''6$	2.07654	2450629.88661	16.882	−0.136	−0.076
26840	$0^{h}57^{m}45.^{s}55$	$-72^{\circ}39'32.''5$	2.25832	2450627.15622	18.170	0.114	0.235
27077	$0^{h}57^{m}49.^{s}93$	$-72^{\circ}41'44.''3$	4.96634	2450635.88173	18.916	0.566	0.918
27339	$0^{h}57^{m}47.^{s}20$	$-72^{\circ}39'58.''0$	0.68364	2450628.11973	18.398	0.025	0.037
30634	$0^{h}57^{m}26.^{s}39$	$-72^{\circ}36'45.''9$	4.33017	2450660.68061	16.191	—	−0.133
30691	$0^{h}57^{m}24.^{s}34$	$-72^{\circ}38'07.''7$	47.44075	2450712.42330	16.628	—	1.053
30694	$0^{h}58^{m}07.^{s}97$	$-72^{\circ}38'07.''7$	2.01274	2450628.70474	16.867	−0.132	−0.161
31121	$0^{h}58^{m}04.^{s}57$	$-72^{\circ}36'24.''2$	1.21315	2450628.25166	18.050	−0.102	−0.095
31304	$0^{h}57^{m}38.^{s}99$	$-72^{\circ}38'47.''2$	1.42843	2450628.37377	18.526	0.012	0.137
31315	$0^{h}58^{m}03.^{s}90$	$-72^{\circ}38'44.''8$	1.19547	2450628.54224	18.961	0.187	0.150
31625	$0^{h}57^{m}47.^{s}14$	$-72^{\circ}36'35.''9$	1.13203	2450627.16692	18.270	−0.081	0.280
35214	$0^{h}57^{m}27.^{s}51$	$-72^{\circ}35'14.''6$	1.52062	2450650.85442	18.260	−0.116	0.002
35399	$0^{h}57^{m}59.^{s}42$	$-72^{\circ}33'13.''9$	4.68531	2450628.92512	18.282	−0.050	−0.008
35829	$0^{h}58^{m}05.^{s}43$	$-72^{\circ}33'24.''0$	1.96593	2450627.57469	18.681	0.084	0.241
38858	$0^{h}57^{m}48.^{s}70$	$-72^{\circ}30'19.''1$	1.55266	2450629.72831	16.335	−0.093	−0.089
38913	$0^{h}57^{m}30.^{s}52$	$-72^{\circ}31'19.''8$	35.64716	2450647.24343	17.352	0.583	0.884
39206	$0^{h}58^{m}05.^{s}79$	$-72^{\circ}29'24.''8$	3.92190	2450631.82871	18.042	−0.005	0.074
39437	$0^{h}57^{m}50.^{s}15$	$-72^{\circ}31'09.''9$	6.96174	2450631.41424	19.041	0.581	0.870
42722	$0^{h}57^{m}43.^{s}73$	$-72^{\circ}27'38.''8$	2.69232	2450627.31959	17.551	−0.091	−0.037
46414	$0^{h}57^{m}40.^{s}54$	$-72^{\circ}22'59.''1$	1.05175	2450627.94944	17.909	−0.067	−0.018
49526	$0^{h}57^{m}27.^{s}59$	$-72^{\circ}19'59.''3$	1.14518	2450658.13254	15.564	—	−0.141
49889	$0^{h}57^{m}31.^{s}46$	$-72^{\circ}21'44.''4$	2.19768	2450637.13891	18.470	0.010	0.094
52815	$0^{h}57^{m}49.^{s}25$	$-72^{\circ}16'55.''2$	5.24188	2450630.77768	15.063	−0.160	−0.133
52827	$0^{h}58^{m}07.^{s}46$	$-72^{\circ}15'47.''9$	1.41713	2450629.75750	15.286	−0.225	−0.214
52831	$0^{h}57^{m}43.^{s}36$	$-72^{\circ}18'14.''0$	1.42387	2450627.87389	15.806	−0.145	−0.071
52890	$0^{h}57^{m}37.^{s}96$	$-72^{\circ}18'16.''1$	2.67861	2450628.67009	16.399	0.048	−0.070
53035	$0^{h}57^{m}40.^{s}64$	$-72^{\circ}17'38.''4$	2.32434	2450628.94371	17.597	−0.072	−0.017
53788	$0^{h}57^{m}30.^{s}81$	$-72^{\circ}15'02.''0$	5.10280	2450656.50948	18.108	−0.090	−0.013
56387	$0^{h}57^{m}45.^{s}42$	$-72^{\circ}14'18.''1$	4.37730	2450639.82561	17.051	−0.173	−0.166
63098	$0^{h}58^{m}34.^{s}18$	$-73^{\circ}01'48.''7$	0.57283	2450627.28446	18.319	−0.063	0.018
66520	$0^{h}58^{m}18.^{s}53$	$-73^{\circ}00'17.''1$	2.84752	2450628.02243	18.753	0.021	0.215
70015	$0^{h}58^{m}52.^{s}63$	$-72^{\circ}56'10.''8$	36.06998	2450635.46578	18.302	0.607	0.893
76342	$0^{h}58^{m}11.^{s}04$	$-72^{\circ}49'16.''4$	2.10847	2450629.87524	17.772	−0.036	0.028
76421	$0^{h}58^{m}49.^{s}12$	$-72^{\circ}48'04.''1$	1.92885	2450628.26388	17.703	−0.128	−0.088
79579	$0^{h}58^{m}46.^{s}46$	$-72^{\circ}43'15.''2$	0.33244	2450627.28491	15.291	0.167	0.260
79914	$0^{h}58^{m}55.^{s}81$	$-72^{\circ}43'55.''1$	1.48387	2450629.67593	17.943	−0.137	−0.093
83145	$0^{h}58^{m}44.^{s}47$	$-72^{\circ}41'50.''8$	0.94488	2450627.75950	16.077	−0.138	−0.145
87145	$0^{h}58^{m}17.^{s}40$	$-72^{\circ}39'15.''4$	2.06187	2450627.85368	15.677	−0.116	−0.055
87175	$0^{h}58^{m}30.^{s}97$	$-72^{\circ}39'13.''8$	1.10225	2450628.10216	16.220	−0.142	−0.110
87470	$0^{h}58^{m}56.^{s}58$	$-72^{\circ}38'01.''4$	1.47841	2450629.06198	18.031	−0.062	−0.051
87477	$0^{h}58^{m}23.^{s}92$	$-72^{\circ}37'58.''2$	1.63041	2450628.29196	18.340	0.867	1.166
87487	$0^{h}58^{m}40.^{s}72$	$-72^{\circ}37'49.''7$	0.76710	2450627.42161	18.244	−0.051	0.007
90965	$0^{h}58^{m}21.^{s}99$	$-72^{\circ}35'16.''2$	5.84485	2450629.86296	14.435	−0.125	−0.077
90998	$0^{h}58^{m}24.^{s}09$	$-72^{\circ}35'28.''8$	1.38001	2450627.17279	15.752	−0.158	−0.110
91788	$0^{h}58^{m}47.^{s}72$	$-72^{\circ}33'32.''5$	1.18404	2450629.02502	18.736	0.038	0.136
92625	$0^{h}58^{m}55.^{s}91$	$-72^{\circ}32'45.''6$	0.79379	2450627.41402	18.804	−0.068	0.092
94994	$0^{h}58^{m}30.^{s}38$	$-72^{\circ}31'56.''0$	3.39661	2450632.03369	19.247	0.273	0.543
95261	$0^{h}58^{m}23.^{s}44$	$-72^{\circ}30'02.''8$	0.50254	2450627.86306	18.788	0.135	0.246
95622	$0^{h}58^{m}24.^{s}47$	$-72^{\circ}31'35.''6$	0.97763	2450629.34544	18.750	−0.042	−0.070
98018	$0^{h}58^{m}13.^{s}34$	$-72^{\circ}28'33.''7$	8.08897	2450636.34882	18.284	0.118	0.347
104222	$0^{h}58^{m}25.^{s}08$	$-72^{\circ}19'09.''8$	1.56975	2450629.30277	16.015	−0.155	−0.135
104277	$0^{h}58^{m}26.^{s}37$	$-72^{\circ}20'04.''7$	1.67078	2450629.02441	16.851	−0.143	−0.133
104526	$0^{h}58^{m}21.^{s}39$	$-72^{\circ}18'35.''8$	5.12306	2450635.01253	17.730	−0.041	0.024
107328	$0^{h}58^{m}51.^{s}84$	$-72^{\circ}17'50.''4$	2.40800	2450628.16525	16.852	−0.121	−0.064

Table 9

concluded

Star number	RA (J2000)	DEC (J2000)	P [days]	T_0 [HJD]	I [mag]	$B-V$ [mag]	$V-I$ [mag]
107509	$0^h58^m40.^s44$	$-72^\circ16'41.''8$	1.19186	2450627.06897	17.385	-0.132	-0.092
107524	$0^h58^m39.^s92$	$-72^\circ16'19.''4$	1.77486	2450628.75804	17.651	-0.118	-0.035
107533	$0^h58^m29.^s77$	$-72^\circ16'10.''8$	2.40618	2450629.52785	17.554	-0.143	-0.090
107537	$0^h58^m47.^s32$	$-72^\circ16'07.''7$	2.64184	2450631.83881	17.749	-0.079	-0.038
107666	$0^h58^m55.^s31$	$-72^\circ17'58.''7$	0.91428	2450627.85426	18.912	-0.145	0.015
107868	$0^h58^m40.^s18$	$-72^\circ16'23.''8$	1.04843	2450628.14785	18.378	-0.089	-0.008
110243	$0^h58^m58.^s23$	$-72^\circ13'46.''3$	8.27816	2450630.99884	14.625	-0.088	-0.062
110280	$0^h58^m28.^s46$	$-72^\circ12'34.''1$	3.61528	2450630.10335	16.005	-0.128	-0.077
110464	$0^h58^m37.^s23$	$-72^\circ13'26.''1$	1.57027	2450631.11751	17.600	-0.061	0.066
119647	$0^h59^m38.^s46$	$-73^\circ00'02.''2$	0.85494	2450627.97360	17.631	-0.092	-0.129
120080	$0^h59^m02.^s21$	$-72^\circ59'00.''3$	0.85445	2450627.41865	18.491	1.775	0.010
129157	$0^h59^m34.^s18$	$-72^\circ46'57.''6$	1.12302	2450626.99086	14.281	-0.243	-0.230
132554	$0^h58^m59.^s14$	$-72^\circ44'33.''7$	1.83589	2450632.30902	14.401	-0.180	-0.155
132613	$0^h59^m28.^s62$	$-72^\circ43'47.''2$	1.09878	2450628.95516	15.585	-0.171	-0.162
132670	$0^h59^m20.^s59$	$-72^\circ44'31.''2$	1.08362	2450628.28807	17.372	-0.116	-0.102
132945	$0^h59^m20.^s42$	$-72^\circ43'24.''9$	0.50245	2450627.57117	18.176	-0.062	-0.008
133310	$0^h59^m44.^s53$	$-72^\circ44'02.''8$	1.57448	2450627.80146	18.705	-0.105	-0.095
135992	$0^h59^m02.^s50$	$-72^\circ42'21.''4$	1.32473	2450628.04599	15.854	-0.208	-0.168
136275	$0^h59^m22.^s96$	$-72^\circ41'00.''8$	1.29327	2450631.38104	17.744	—	—
139441	$0^h59^m28.^s56$	$-72^\circ36'38.''2$	1.48244	2450626.98531	16.366	-0.118	-0.079
139582	$0^h59^m22.^s34$	$-72^\circ39'07.''8$	1.49876	2450627.35232	17.978	0.012	0.028
142862	$0^h59^m12.^s82$	$-72^\circ34'59.''2$	4.03993	2450633.27368	16.992	-0.129	-0.060
148967	$0^h59^m41.^s23$	$-72^\circ26'22.''3$	4.39220	2450640.02791	16.887	0.005	0.044
152208	$0^h59^m36.^s48$	$-72^\circ21'56.''9$	1.27032	2450629.03641	17.680	-0.110	-0.114
153205	$0^h59^m23.^s96$	$-72^\circ22'07.''8$	2.56314	2450628.32145	18.834	0.111	0.197
154851	$0^h59^m23.^s45$	$-72^\circ19'53.''2$	1.12731	2450628.37152	16.982	-0.101	-0.096
155334	$0^h59^m34.^s02$	$-72^\circ19'59.''7$	0.98565	2450628.16197	18.562	-0.088	-0.011
160677	$0^h59^m16.^s64$	$-72^\circ12'09.''7$	86.42187	2450658.09688	14.262	0.054	0.154
160725	$0^h59^m15.^s00$	$-72^\circ11'34.''9$	3.10487	2450635.44030	15.857	—	-0.110
160975	$0^h59^m07.^s63$	$-72^\circ12'18.''1$	0.65143	2450629.96832	17.927	-0.057	-0.019
161528	$0^h59^m21.^s72$	$-72^\circ14'45.''6$	1.78890	2450629.38159	19.147	0.023	0.093
163828	$0^h59^m51.^s69$	$-73^\circ04'18.''3$	3.93281	2450634.72887	17.794	-0.076	0.046
164062	$0^h59^m49.^s88$	$-73^\circ06'07.''7$	0.86550	2450627.52174	18.721	-0.028	0.059
170230	$1^h00^m28.^s96$	$-72^\circ59'18.''5$	5.05380	2450632.93304	17.266	-0.035	0.188
170439	$1^h00^m10.^s66$	$-72^\circ58'39.''8$	1.56146	2450629.53229	18.248	-0.046	0.013
173725	$0^h59^m45.^s68$	$-72^\circ56'24.''4$	1.59059	2450629.94960	17.772	-0.131	-0.093
174197	$1^h00^m23.^s69$	$-72^\circ55'07.''0$	1.90458	2450629.63224	18.487	0.022	0.115
174291	$1^h00^m19.^s62$	$-72^\circ54'25.''2$	1.83343	2450630.35850	18.628	-0.108	0.063
174381	$0^h59^m53.^s58$	$-72^\circ53'43.''4$	2.49793	2450636.79081	18.471	-0.074	0.009
180630	$0^h59^m55.^s09$	$-72^\circ47'55.''5$	0.91774	2450629.46207	18.601	-0.021	0.014
181320	$1^h00^m24.^s20$	$-72^\circ47'16.''8$	6.60826	2450633.50638	19.495	—	0.328
183352	$0^h59^m47.^s83$	$-72^\circ44'26.''6$	32.30308	2450676.95250	17.026	0.573	0.933
183640	$1^h00^m02.^s78$	$-72^\circ43'11.''2$	0.93642	2450627.22206	18.051	-0.052	0.010
186741	$0^h59^m49.^s02$	$-72^\circ40'29.''2$	1.47760	2450628.55713	17.133	-0.100	-0.029
186844	$0^h59^m54.^s39$	$-72^\circ41'39.''6$	1.55711	2450629.80649	17.502	-0.089	-0.016
193108	$0^h59^m56.^s25$	$-72^\circ34'17.''6$	1.09194	2450628.32026	17.666	-0.063	-0.042
196817	$1^h00^m13.^s80$	$-72^\circ30'17.''1$	0.97374	2450628.11517	18.861	0.072	0.241
198652	$1^h00^m23.^s85$	$-72^\circ26'20.''2$	2.61388	2450630.58631	16.408	-0.205	-0.122
198995	$1^h00^m27.^s50$	$-72^\circ28'02.''0$	1.29484	2450627.03242	18.189	-0.091	-0.001
201484	$1^h00^m18.^s05$	$-72^\circ24'07.''5$	185.15056	2450641.36363	14.169	0.855	0.978
204581	$1^h00^m01.^s76$	$-72^\circ18'31.''3$	1.36167	2450627.95279	16.794	-0.141	-0.094
204735	$1^h00^m17.^s90$	$-72^\circ19'25.''3$	0.74421	2450627.85493	17.552	-0.164	-0.102
207517	$0^h59^m54.^s82$	$-72^\circ15'26.''2$	1.21782	2450628.33598	16.759	-0.147	-0.089
207567	$1^h00^m24.^s63$	$-72^\circ17'44.''4$	3.27694	2450629.52256	17.737	-0.036	0.648
207684	$1^h00^m04.^s40$	$-72^\circ15'22.''3$	1.80134	2450629.85647	17.726	-0.116	-0.056
207699	$1^h00^m26.^s40$	$-72^\circ15'03.''4$	0.80310	2450627.18937	17.606	-0.112	-0.076
209964	$1^h00^m16.^s05$	$-72^\circ12'43.''8$	3.31483	2450633.88414	14.425	-0.161	-0.114
210052	$1^h00^m09.^s52$	$-72^\circ12'19.''7$	2.50270	2450629.70070	16.367	-0.168	-0.087
210381	$0^h59^m49.^s55$	$-72^\circ13'58.''0$	13.82660	2450643.41595	18.319	0.613	0.965