Table 11

Eclipsing stars in SMC_SC10 field

Star number	RA (J2000)	DEC (J2000)	P [days]	T_0 [HJD]	I [mag]	$B-V$ [mag]	$V-I$ [mag]
114	$1^h03^m20.^s01$	$-72^\circ50'04.''3$	1.03348	2450634.09012	17.041	−0.138	−0.057
3090	$1^h03^m31.^s78$	$-72^\circ47'13.''9$	2.28516	2450628.48284	15.997	−0.185	−0.126
3097	$1^h04^m01.^s68$	$-72^\circ46'41.''4$	2.12840	2450630.69347	16.315	−0.175	−0.141
6149	$1^h03^m59.^s27$	$-72^\circ45'22.''0$	1.27750	2450629.20379	17.711	−0.139	−0.166
6166	$1^h03^m46.^s31$	$-72^\circ45'06.''2$	2.57091	2450629.48223	17.431	−0.078	−0.029
6388	$1^h03^m22.^s28$	$-72^\circ45'20.''6$	0.45477	2450633.98945	18.893	−0.027	0.094
9271	$1^h03^m30.^s82$	$-72^\circ42'17.''3$	0.64251	2450628.41212	19.043	−0.040	0.132
11927	$1^h03^m23.^s89$	$-72^\circ37'33.''4$	3.30771	2450635.70197	17.242	−0.062	0.017
11958	$1^h03^m18.^s41$	$-72^\circ36'08.''0$	2.32250	2450659.10559	16.893	—	−0.100
14826	$1^h03^m49.^s40$	$-72^\circ32'47.''4$	3.14885	2450630.14099	17.270	−0.110	−0.116
15209	$1^h03^m47.^s06$	$-72^\circ33'55.''4$	7.67586	2450643.18326	18.547	0.661	0.909
17256	$1^h03^m46.^s42$	$-72^\circ28'30.''3$	0.92026	2450629.00880	16.107	−0.167	−0.117
19653	$1^h03^m49.^s20$	$-72^\circ28'07.''5$	3.96202	2450628.97933	14.920	−0.160	−0.172
19778	$1^h03^m19.^s89$	$-72^\circ27'47.''5$	0.90602	2450657.09768	17.841	—	−0.097
19928	$1^h03^m41.^s14$	$-72^\circ28'11.''9$	1.02419	2450628.53927	18.880	−0.115	−0.038
22167	$1^h04^m00.^s32$	$-72^\circ22'10.''9$	1.12165	2450628.12996	16.782	−0.136	−0.138
22190	$1^h03^m42.^s77$	$-72^\circ24'34.''9$	1.44831	2450629.45030	18.025	−0.120	−0.049
24738	$1^h03^m37.^s78$	$-72^\circ20'30.''4$	6.22496	2450639.17779	18.501	−0.082	−0.013
27050	$1^h03^m39.^s16$	$-72^\circ15'52.''3$	1.14394	2450629.84120	18.652	−0.153	−0.051
28914	$1^h03^m38.^s76$	$-72^\circ13'51.''0$	0.91774	2450628.84160	15.496	−0.195	−0.138
28958	$1^h03^m44.^s25$	$-72^\circ11'28.''8$	3.29910	2450631.22023	16.102	−0.169	−0.097
31281	$1^h03^m42.^s50$	$-72^\circ07'51.''4$	3.25825	2450629.15308	17.131	−0.155	−0.088
31290	$1^h04^m00.^s79$	$-72^\circ07'42.''0$	1.51766	2450628.64208	16.466	−0.177	−0.144
31430	$1^h03^m35.^s39$	$-72^\circ08'24.''8$	43.30401	2450665.02398	17.669	0.858	1.082
33878	$1^h03^m21.^s28$	$-72^\circ05'37.''8$	2.20626	2450665.93497	13.681	—	−0.184
33925	$1^h03^m54.^s16$	$-72^\circ04'18.''4$	1.72990	2450629.99000	15.312	−0.240	−0.209
33982	$1^h03^m21.^s45$	$-72^\circ04'39.''6$	1.34467	2450667.33400	16.382	—	−0.136
34110	$1^h03^m55.^s10$	$-72^\circ04'27.''3$	1.86182	2450629.10813	17.076	−0.180	−0.179
34116	$1^h03^m53.^s24$	$-72^\circ04'05.''9$	10.04873	2450630.86868	17.121	−0.018	0.018
34130	$1^h03^m37.^s91$	$-72^\circ03'37.''6$	2.40029	2450629.21009	17.349	−0.141	−0.121
34292	$1^h03^m55.^s20$	$-72^\circ05'07.''0$	1.41872	2450628.53147	17.921	−0.152	−0.135
34386	$1^h03^m21.^s40$	$-72^\circ03'40.''0$	1.91877	2450666.31815	17.588	—	−0.104
37156	$1^h03^m28.^s77$	$-72^\circ01'28.''6$	2.69834	2450636.19947	15.475	−0.193	−0.168
37223	$1^h03^m41.^s42$	$-72^\circ03'06.''9$	2.58116	2450630.63675	16.250	−0.186	−0.154
37307	$1^h03^m22.^s86$	$-72^\circ03'18.''6$	0.61130	2450657.01963	17.909	—	0.047
37356	$1^h03^m32.^s22$	$-72^\circ02'22.''9$	0.73813	2450628.83643	17.820	−0.082	−0.066
37814	$1^h04^m05.^s12$	$-72^\circ00'14.''5$	0.85321	2450628.82813	18.871	−0.044	−0.008
39745	$1^h04^m03.^s97$	$-71^\circ57'28.''9$	2.32424	2450628.57163	15.269	−0.203	−0.230
39758	$1^h03^m25.^s50$	$-71^\circ59'14.''4$	3.35275	2450636.89059	15.882	−0.229	−0.155
39781	$1^h03^m55.^s99$	$-71^\circ56'36.''8$	2.13773	2450630.37804	15.826	—	−0.231
39784	$1^h04^m05.^s16$	$-71^\circ59'57.''8$	1.30256	2450629.20066	17.220	−0.197	−0.165
40313	$1^h04^m02.^s52$	$-71^\circ59'27.''9$	0.46207	2450628.46229	18.609	−0.090	−0.085
41690	$1^h04^m39.^s43$	$-72^\circ49'49.''5$	3.31154	2450633.92505	16.143	−0.232	−0.197
44432	$1^h04^m20.^s95$	$-72^\circ48'53.''2$	0.83758	2450628.62882	18.027	−0.124	−0.038
44664	$1^h04^m39.^s59$	$-72^\circ48'56.''3$	1.11122	2450628.87052	18.185	−0.132	−0.096
47089	$1^h04^m16.^s72$	$-72^\circ43'52.''9$	4.67568	2450628.16019	15.410	−0.187	−0.145
47428	$1^h04^m33.^s13$	$-72^\circ45'44.''9$	23.41916	2450642.45409	18.477	0.754	1.001
47453	$1^h04^m35.^s91$	$-72^\circ45'27.''6$	0.76923	2450628.82165	18.153	−0.103	−0.062
47946	$1^h04^m23.^s46$	$-72^\circ44'40.''6$	3.03586	2450628.73992	19.431	0.073	0.345
52356	$1^h04^m25.^s30$	$-72^\circ37'48.''9$	1.14518	2450629.35668	18.032	−0.075	−0.025
52413	$1^h04^m16.^s81$	$-72^\circ36'24.''9$	0.54186	2450628.60256	17.398	−0.186	−0.084
55174	$1^h04^m35.^s61$	$-72^\circ34'11.''4$	1.46612	2450630.16187	18.355	−0.011	0.015
58098	$1^h04^m48.^s39$	$-72^\circ29'49.''1$	0.46617	2450628.22710	19.007	−0.062	0.022
59402	$1^h04^m33.^s95$	$-72^\circ27'26.''2$	1.27010	2450629.73945	16.634	−0.202	−0.176
59436	$1^h04^m38.^s91$	$-72^\circ24'56.''7$	52.80096	2450711.25771	17.313	0.946	1.182
59566	$1^h04^m45.^s16$	$-72^\circ25'40.''7$	6.11142	2450634.55169	17.657	0.057	0.244
61625	$1^h04^m29.^s89$	$-72^\circ23'29.''2$	3.50976	2450628.93502	15.800	−0.156	−0.102
61676	$1^h04^m15.^s84$	$-72^\circ22'31.''0$	1.31216	2450629.51935	17.230	−0.162	−0.158
61884	$1^h04^m35.^s41$	$-72^\circ23'59.''7$	9.32420	2450628.31016	18.685	0.309	0.496
63727	$1^h04^m18.^s11$	$-72^\circ17'55.''4$	1.10803	2450628.06691	15.154	−0.049	0.151
63776	$1^h04^m13.^s23$	$-72^\circ19'26.''5$	1.58940	2450628.23116	16.329	−0.110	−0.101
63849	$1^h04^m35.^s01$	$-72^\circ20'11.''6$	7.77606	2450636.67089	17.705	−0.082	−0.071
65780	$1^h04^m50.^s15$	$-72^\circ16'37.''2$	0.92458	2450628.98262	17.055	−0.164	−0.135
65845	$1^h04^m47.^s55$	$-72^\circ17'00.''3$	1.03004	2450629.10016	17.572	−0.159	−0.156
68458	$1^h04^m08.^s22$	$-72^\circ13'27.''2$	3.40799	2450630.78729	17.284	−0.190	−0.149
70439	$1^h04^m14.^s81$	$-72^\circ09'18.''5$	8.78987	2450637.54834	15.152	−0.125	0.010
70555	$1^h04^m31.^s63$	$-72^\circ10'22.''1$	1.51265	2450630.12421	17.746	−0.147	−0.062
70674	$1^h04^m14.^s59$	$-72^\circ07'53.''1$	1.20002	2450628.89891	17.435	−0.132	−0.045
75073	$1^h04^m16.^s34$	$-72^\circ00'47.''1$	0.92599	2450628.51973	17.854	−0.102	−0.122
77075	$1^h04^m09.^s05$	$-71^\circ58'08.''8$	2.68711	2450630.20939	17.470	−0.033	−0.075
78655	$1^h04^m59.^s63$	$-72^\circ50'25.''6$	129.02912	2450797.63520	15.308	0.980	1.156

Table 11

concluded

Star number	RA (J2000)	DEC (J2000)	P [days]	T_0 [HJD]	I [mag]	$B-V$ [mag]	$V-I$ [mag]
78731	$1^{h}04^{m}59^{s}.05$	$-72^\circ50'07''.5$	1.42945	2450630.65391	16.904	-0.196	-0.154
83754	$1^{h}05^{m}17^{s}.16$	$-72^\circ43'10''.2$	2.70966	2450631.26608	17.150	-0.084	-0.017
88079	$1^{h}05^{m}26^{s}.09$	$-72^\circ35'23''.6$	1.97829	2450631.13069	14.940	-0.226	-0.164
88095	$1^{h}05^{m}06^{s}.88$	$-72^\circ37'06''.7$	1.69974	2450628.27940	15.709	-0.178	-0.151
88122	$1^{h}05^{m}20^{s}.67$	$-72^\circ37'59''.7$	14.39725	2450642.28938	16.444	0.057	0.282
88238	$1^{h}05^{m}10^{s}.83$	$-72^\circ36'56''.4$	1.01286	2450628.42502	17.917	-0.107	-0.071
90286	$1^{h}05^{m}29^{s}.10$	$-72^\circ31'54''.6$	1.13543	2450628.10499	15.749	-0.172	-0.187
94559	$1^{h}05^{m}07^{s}.14$	$-72^\circ24'58''.3$	1.75193	2450630.05515	15.408	-0.216	-0.204
94685	$1^{h}05^{m}07^{s}.58$	$-72^\circ27'37''.8$	2.18815	2450630.67430	17.557	-0.150	-0.143
94694	$1^{h}05^{m}10^{s}.74$	$-72^\circ27'17''.6$	1.89915	2450630.54888	17.540	-0.163	-0.134
94720	$1^{h}05^{m}01^{s}.31$	$-72^\circ26'43''.2$	0.62170	2450628.78539	17.490	-0.050	0.026
94916	$1^{h}04^{m}59^{s}.33$	$-72^\circ27'07''.2$	0.48990	2450628.60177	18.765	-0.157	0.029
96642	$1^{h}04^{m}54^{s}.17$	$-72^\circ23'26''.6$	3.46500	2450629.76803	15.543	-0.118	-0.085
98992	$1^{h}04^{m}58^{s}.98$	$-72^\circ19'36''.9$	0.83630	2450628.55657	18.671	-0.106	-0.010
100594	$1^{h}05^{m}30^{s}.67$	$-72^\circ17'15''.5$	1.16893	2450628.39943	16.611	-0.183	-0.176
100613	$1^{h}04^{m}56^{s}.48$	$-72^\circ16'09''.9$	1.82663	2450630.75197	16.464	-0.147	-0.094
100641	$1^{h}05^{m}33^{s}.71$	$-72^\circ17'43''.3$	0.87312	2450628.07671	17.739	-0.084	-0.038
102673	$1^{h}05^{m}21^{s}.55$	$-72^\circ12'19''.7$	1.90936	2450630.91880	17.732	-0.128	-0.050
104334	$1^{h}05^{m}29^{s}.79$	$-72^\circ08'52''.9$	6.23696	2450634.78690	16.938	-0.195	-0.175
104583	$1^{h}05^{m}09^{s}.60$	$-72^\circ09'21''.4$	2.02414	2450629.42142	18.306	-0.120	-0.087
106467	$1^{h}05^{m}24^{s}.62$	$-72^\circ06'06''.3$	0.84110	2450628.44239	18.826	-0.089	-0.012
108086	$1^{h}05^{m}30^{s}.57$	$-72^\circ01'21''.4$	0.88308	2450629.16536	15.026	-0.204	-0.150
108184	$1^{h}04^{m}56^{s}.48$	$-72^\circ01'18''.5$	1.91609	2450628.17518	17.059	-0.143	-0.108
108195	$1^{h}05^{m}00^{s}.97$	$-72^\circ00'42''.4$	2.26354	2450630.87814	17.206	-0.150	-0.110
108279	$1^{h}05^{m}03^{s}.47$	$-72^\circ02'03''.1$	93.37862	2450694.18239	17.240	-0.086	0.042
108592	$1^{h}05^{m}15^{s}.54$	$-72^\circ01'13''.0$	0.37849	2450628.06713	18.532	-0.020	0.046
109185	$1^{h}04^{m}53^{s}.86$	$-72^\circ00'16''.1$	0.54178	2450628.27638	19.062	-0.116	-0.017
110440	$1^{h}05^{m}09^{s}.59$	$-71^\circ58'42''.1$	1.56384	2450630.83289	16.308	-0.192	-0.182
110466	$1^{h}05^{m}07^{s}.11$	$-71^\circ59'32''.6$	0.67506	2450628.31409	16.624	-0.105	-0.059
110567	$1^{h}05^{m}02^{s}.49$	$-71^\circ59'09''.5$	1.16732	2450629.60675	17.398	-0.009	0.027
110574	$1^{h}04^{m}59^{s}.32$	$-71^\circ59'05''.2$	0.69045	2450628.64620	18.143	-0.108	-0.068
110579	$1^{h}05^{m}12^{s}.05$	$-71^\circ58'55''.5$	1.01455	2450628.71805	17.639	-0.127	-0.078
110881	$1^{h}05^{m}10^{s}.69$	$-71^\circ57'07''.5$	5.13615	2450628.51532	18.243	-0.048	0.041
116985	$1^{h}06^{m}11^{s}.76$	$-72^\circ45'24''.1$	3.39760	2450629.66193	18.488	-0.008	0.068
117268	$1^{h}06^{m}12^{s}.78$	$-72^\circ45'58''.2$	1.46532	2450630.63010	18.979	-0.082	0.187
118928	$1^{h}06^{m}10^{s}.26$	$-72^\circ40'24''.5$	3.51658	2450628.87703	16.338	-0.119	-0.022
118942	$1^{h}06^{m}12^{s}.67$	$-72^\circ39'31''.7$	1.63019	2450630.68494	16.971	-0.153	-0.087
119069	$1^{h}05^{m}42^{s}.58$	$-72^\circ39'20''.1$	0.56177	2450628.19902	17.598	0.771	1.078
120906	$1^{h}05^{m}55^{s}.08$	$-72^\circ38'06''.7$	89.08765	2450798.02449	16.091	1.150	1.312
120957	$1^{h}05^{m}55^{s}.88$	$-72^\circ36'06''.8$	1.02872	2450629.53367	17.218	-0.146	-0.108
121021	$1^{h}06^{m}10^{s}.30$	$-72^\circ37'09''.0$	0.59437	2450628.01482	17.792	-0.126	-0.046
121218	$1^{h}05^{m}56^{s}.59$	$-72^\circ37'34''.1$	0.60861	2450628.84331	18.448	-0.078	0.038
121378	$1^{h}05^{m}46^{s}.13$	$-72^\circ35'38''.2$	1.48960	2450629.74895	18.332	-0.012	-0.008
122899	$1^{h}05^{m}41^{s}.73$	$-72^\circ32'25''.5$	1.17575	2450628.16496	16.644	-0.185	-0.186
122936	$1^{h}05^{m}38^{s}.97$	$-72^\circ34'37''.6$	4.78170	2450629.12623	17.489	0.029	0.149
122985	$1^{h}05^{m}51^{s}.73$	$-72^\circ33'12''.4$	1.42592	2450629.05623	17.420	-0.058	-0.019
124831	$1^{h}05^{m}44^{s}.06$	$-72^\circ28'37''.2$	2.68563	2450629.59132	15.963	-0.191	-0.137
124866	$1^{h}06^{m}07^{s}.06$	$-72^\circ29'06''.5$	6.07170	2450638.12358	17.105	-0.177	-0.124
126797	$1^{h}05^{m}59^{s}.88$	$-72^\circ28'14''.6$	1.61089	2450630.27080	16.960	-0.186	-0.171
130725	$1^{h}05^{m}53^{s}.11$	$-72^\circ19'49''.6$	0.70363	2450628.53092	16.899	-0.192	-0.165
131169	$1^{h}06^{m}00^{s}.42$	$-72^\circ17'57''.5$	1.41098	2450629.54594	17.773	-0.159	-0.093
134487	$1^{h}05^{m}55^{s}.28$	$-72^\circ13'15''.5$	2.92648	2450631.66444	16.784	-0.189	-0.153
134833	$1^{h}05^{m}51^{s}.88$	$-72^\circ11'46''.2$	0.58477	2450628.44421	18.764	-0.082	0.007
136871	$1^{h}06^{m}10^{s}.35$	$-72^\circ08'45''.2$	0.34694	2450629.31411	18.979	-0.015	0.042
137844	$1^{h}06^{m}10^{s}.31$	$-72^\circ06'24''.9$	248.00000	2451023.90023	14.609	1.016	1.121
139395	$1^{h}05^{m}39^{s}.08$	$-72^\circ01'45''.5$	4.25338	2450632.90711	15.778	-0.190	-0.123
139421	$1^{h}05^{m}48^{s}.70$	$-72^\circ02'24''.8$	1.84838	2450630.08208	16.377	-0.203	-0.136