

Table 2
Local Circumstances for Annular Solar Eclipse of 2008 February 07

Country/Region	City	Eclipse Begins	Maximum Eclipse	Eclipse Ends	Sun Alt	Sun Azm	Eclipse Magni.	Eclipse Obscur
		hh:mm	hh:mm	hh:mm	°	°		.
Antarctica	South Pole	02:11	03:12	04:14	16	135	0.849	0.797
	McMurdo	02:22	03:28	04:33	25	322	0.824	0.767
Australia	Adelaide	04:07	04:27	04:46	63	309	0.025	0.005
	Brisbane	04:19	05:00	05:39	47	277	0.141	0.062
	Canberra	03:48	04:39	05:27	53	293	0.205	0.107
	Geelong	03:37	04:27	05:13	57	306	0.176	0.086
	Hobart	03:19	04:19	05:16	53	309	0.298	0.185
	Launceston	03:24	04:22	05:17	54	307	0.273	0.162
	Melbourne	03:39	04:28	05:15	56	304	0.181	0.089
	Newcastle	03:56	04:47	05:34	50	286	0.210	0.111
	Southport	04:16	04:59	05:40	47	277	0.156	0.071
	Sydney	03:53	04:44	05:32	51	288	0.216	0.116
Wollongong	03:50	04:43	05:31	51	289	0.219	0.118	
Fiji	Suva	04:37	05:26	06:10	18	259	0.318	0.203
French Polynesia	Papeete	04:26	04:35s	—	0	254	0.126	0.052
New Zealand	Auckland	03:47	04:52	05:51	30	272	0.574	0.470
	Christchurch	03:29	04:37	05:40	33	281	0.628	0.532
	Wellington	03:36	04:43	05:44	31	277	0.627	0.531

All times are Universal Time.
's' indicates eclipse in progress at sunset.

Fred Espenak, "Eclipses During 2008," **Observer's Handbook 2008**, Royal Astronomical Society of Canada, University of Toronto Press, Toronto, 2007.