

Table 4 - Local Circumstances for the Annular Solar Eclipse of 2016 September 01

Country/Area	City	Eclipse Begins	Maximum Eclipse	Eclipse Ends	Sun Altitude	Sun Azimuth	Eclipse Magnitude	Eclipse Obscuration
Angola	Luanda	06:30	07:55	09:38	39	72	0.793	0.731
Australia	Perth	09:53	09:59s	— s	0	279	0.082	0.028
Cameroon	Yaoundé	06:18	07:39	09:16	36	83	0.824	0.768
Canary Islands	Las Palmas G.Canar	06:56	07:19	07:42	8	85	0.062	0.018
Cape Verde	Praia	— r	07:23r	08:09	0	81	0.413	0.294
Chad	Ndjamena	06:24	07:39	09:08	41	90	0.567	0.462
Congo	Brazzaville	06:26	07:54	09:40	42	75	0.926	0.893
Ethiopia	Addis Abeba	07:05	08:35	10:11	78	94	0.454	0.339
Ghana	Accra	06:13	07:24	08:47	21	83	0.781	0.714
Guinea	Conakry	— r	07:16	08:23	7	83	0.628	0.531
Indonesia	Bandung	10:28	10:48s	— s	0	278	0.086	0.029
	Depok	10:30	10:51s	— s	0	278	0.080	0.027
	Jakarta	10:30	10:51s	— s	0	278	0.074	0.024
Ivory Coast	Abidjan	06:13	07:21	08:41	17	83	0.782	0.715
Kenya	Nairobi	07:00	08:47	10:39	75	50	0.759	0.691
Madagascar	Antananarivo	07:57	09:48	11:29	59	331	0.933	0.904
Mali	Bamako	— r	07:17	08:25	13	84	0.551	0.443
Mauritius	Port Louis	08:28	10:13	11:44	49	310	0.921	0.888
Mozambique	Maputo	07:39	09:16	10:53	55	15	0.555	0.449
Nigeria	Lagos	06:14	07:27	08:53	26	84	0.756	0.684
Reunion	St.-Denis	08:23	10:10	11:42	50	314	0.968	0.941
Saudi Arabia	Jiddah	07:36	08:21	09:08	70	130	0.100	0.037
	Mecca	07:39	08:23	09:08	71	132	0.094	0.034
Senegal	Dakar	— r	07:15	08:13	4	83	0.458	0.342
Sierra Leone	Freetown	— r	07:16	08:25	7	83	0.661	0.569
Somalia	Moqadisho	07:25	09:07	10:46	84	341	0.538	0.430
South Africa	Cape Town	07:43	08:48	09:58	40	39	0.258	0.150
	Durban	07:48	09:17	10:46	51	16	0.452	0.336
	Johannesburg	07:32	09:03	10:38	52	27	0.495	0.382
	Pretoria	07:31	09:03	10:39	53	27	0.508	0.396
Sudan	Khartoum	06:56	08:12	09:34	65	105	0.343	0.227
Tanzania	Dar-es-Salaam	07:13	09:05	10:57	74	17	0.866	0.821
Togo	Lome	06:14	07:25	08:49	23	84	0.764	0.694
Uganda	Kinshasa	06:26	07:54	09:40	42	75	0.925	0.893
Zambia	Lusaka	07:04	08:46	10:37	59	42	0.744	0.671
Zimbabwe	Harare	07:15	08:58	10:47	61	30	0.720	0.642

All times are Universal Time (UT1).
r' indicates eclipse in progress at sunrise.
's' indicates eclipse in progress at sunset.