

26 21:47:05

Civil Air Patrol Use Only

Satellite-Object: Lighting

Sunlight Times

Duration (sec)	Start Time (UTCG)	Stop Time (UTCG)	Dur
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2182.587	1 Sep 2025 00:00:00.000	1 Sep 2025 00:36:22.587	
3625.187	1 Sep 2025 01:10:46.821	1 Sep 2025 02:11:12.007	
3625.135	1 Sep 2025 02:45:36.285	1 Sep 2025 03:46:01.420	
3625.084	1 Sep 2025 04:20:25.747	1 Sep 2025 05:20:50.831	
3625.029	1 Sep 2025 05:55:15.205	1 Sep 2025 06:55:40.234	
3624.976	1 Sep 2025 07:30:04.656	1 Sep 2025 08:30:29.633	
3624.922	1 Sep 2025 09:04:54.102	1 Sep 2025 10:05:19.024	
3624.870	1 Sep 2025 10:39:43.541	1 Sep 2025 11:40:08.411	
3624.817	1 Sep 2025 12:14:32.976	1 Sep 2025 13:14:57.793	
3624.766	1 Sep 2025 13:49:22.406	1 Sep 2025 14:49:47.172	
3624.710	1 Sep 2025 15:24:11.832	1 Sep 2025 16:24:36.543	
3624.654	1 Sep 2025 16:59:01.251	1 Sep 2025 17:59:25.905	
3624.604	1 Sep 2025 18:33:50.662	1 Sep 2025 19:34:15.266	
3624.549	1 Sep 2025 20:08:40.072	1 Sep 2025 21:09:04.621	
3624.497	1 Sep 2025 21:43:29.473	1 Sep 2025 22:43:53.970	
2501.130	1 Sep 2025 23:18:18.870	2 Sep 2025 00:00:00.000	

Global Statistics

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Min Duration	1 Sep 2025 00:00:00.000	1 Sep 2025 00:36:22.587
2182.587		
Max Duration	1 Sep 2025 01:10:46.821	1 Sep 2025 02:11:12.007
3625.187		
Mean Duration		
3464.470		
Total Duration		
55431.518		

Penumbra Times

Duration (sec)	Start Time (UTCG)	Stop Time (UTCG)	Dur
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9.330	1 Sep 2025 00:36:22.587	1 Sep 2025 00:36:31.917
9.385	1 Sep 2025 01:10:37.436	1 Sep 2025 01:10:46.821
9.329	1 Sep 2025 02:11:12.007	1 Sep 2025 02:11:21.336
9.382	1 Sep 2025 02:45:26.903	1 Sep 2025 02:45:36.285
9.329	1 Sep 2025 03:46:01.420	1 Sep 2025 03:46:10.749
9.380	1 Sep 2025 04:20:16.367	1 Sep 2025 04:20:25.747
9.329	1 Sep 2025 05:20:50.831	1 Sep 2025 05:21:00.159
9.384	1 Sep 2025 05:55:05.821	1 Sep 2025 05:55:15.205
9.328	1 Sep 2025 06:55:40.234	1 Sep 2025 06:55:49.563
9.383	1 Sep 2025 07:29:55.273	1 Sep 2025 07:30:04.656
9.328	1 Sep 2025 08:30:29.633	1 Sep 2025 08:30:38.960
9.383	1 Sep 2025 09:04:44.719	1 Sep 2025 09:04:54.102
9.328	1 Sep 2025 10:05:19.024	1 Sep 2025 10:05:28.352
9.382	1 Sep 2025 10:39:34.159	1 Sep 2025 10:39:43.541
9.327	1 Sep 2025 11:40:08.411	1 Sep 2025 11:40:17.738
9.382	1 Sep 2025 12:14:23.594	1 Sep 2025 12:14:32.976
9.330	1 Sep 2025 13:14:57.793	1 Sep 2025 13:15:07.123
9.381	1 Sep 2025 13:49:13.025	1 Sep 2025 13:49:22.406
9.326	1 Sep 2025 14:49:47.172	1 Sep 2025 14:49:56.498
9.381	1 Sep 2025 15:24:02.451	1 Sep 2025 15:24:11.832
9.324	1 Sep 2025 16:24:36.543	1 Sep 2025 16:24:45.866
9.380	1 Sep 2025 16:58:51.871	1 Sep 2025 16:59:01.251
9.326	1 Sep 2025 17:59:25.905	1 Sep 2025 17:59:35.231
9.380	1 Sep 2025 18:33:41.282	1 Sep 2025 18:33:50.662
9.325	1 Sep 2025 19:34:15.266	1 Sep 2025 19:34:24.592
9.381	1 Sep 2025 20:08:30.691	1 Sep 2025 20:08:40.072
9.325	1 Sep 2025 21:09:04.621	1 Sep 2025 21:09:13.946
9.377	1 Sep 2025 21:43:20.096	1 Sep 2025 21:43:29.473
9.325	1 Sep 2025 22:43:53.970	1 Sep 2025 22:44:03.295
9.376	1 Sep 2025 23:18:09.494	1 Sep 2025 23:18:18.870

ation (sec)	Start Time (UTCG)	Stop Time (UTCG)	Dur
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Global Statistics			

Min Duration	1 Sep 2025 16:24:36.543	1 Sep 2025 16:24:45.866	
9.324			
Max Duration	1 Sep 2025 01:10:37.436	1 Sep 2025 01:10:46.821	
9.385			
Mean Duration			
9.354			
Total Duration			
280.625			

Umbra Times

ation (sec)	Start Time (UTCG)	Stop Time (UTCG)	Dur
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2045.519	1 Sep 2025 00:36:31.917	1 Sep 2025 01:10:37.436	
2045.567	1 Sep 2025 02:11:21.336	1 Sep 2025 02:45:26.903	
2045.618	1 Sep 2025 03:46:10.749	1 Sep 2025 04:20:16.367	
2045.662	1 Sep 2025 05:21:00.159	1 Sep 2025 05:55:05.821	
2045.710	1 Sep 2025 06:55:49.563	1 Sep 2025 07:29:55.273	
2045.759	1 Sep 2025 08:30:38.960	1 Sep 2025 09:04:44.719	
2045.807	1 Sep 2025 10:05:28.352	1 Sep 2025 10:39:34.159	
2045.856	1 Sep 2025 11:40:17.738	1 Sep 2025 12:14:23.594	
2045.902	1 Sep 2025 13:15:07.123	1 Sep 2025 13:49:13.025	
2045.953	1 Sep 2025 14:49:56.498	1 Sep 2025 15:24:02.451	
2046.005	1 Sep 2025 16:24:45.866	1 Sep 2025 16:58:51.871	
2046.051	1 Sep 2025 17:59:35.231	1 Sep 2025 18:33:41.282	
2046.099	1 Sep 2025 19:34:24.592	1 Sep 2025 20:08:30.691	
2046.150	1 Sep 2025 21:09:13.946	1 Sep 2025 21:43:20.096	
2046.199	1 Sep 2025 22:44:03.295	1 Sep 2025 23:18:09.494	

Global Statistics

Min Duration	1 Sep 2025 00:36:31.917	1 Sep 2025 01:10:37.436	
2045.519			
Max Duration	1 Sep 2025 22:44:03.295	1 Sep 2025 23:18:09.494	
2046.199			
Mean Duration			
2045.857			
Total Duration			

	Start Time (UTCG)	Stop Time (UTCG)	Dur
ation (sec)	-----	-----	---

30687.857			