

SCU Ride Until Sunset Calculator

5:30 PM Start	6:00 PM Start	6:30 PM Start	Maximum	At This Average Speed (Miles per Hour)									
use this column	use this column	use this column	Riding	12	13	14	15	16	17	18	19	20	
Sunset =	Sunset =	Sunset =	Minutes	You Can Ride This Many Miles Until Sunset:									
6:15 PM	6:45 PM	7:15 PM	45	9	10	11	11	12	13	14	14	15	Max. miles
6:20 PM	6:50 PM	7:20 PM	50	10	11	12	13	13	14	15	16	17	Max. miles
6:25 PM	6:55 PM	7:25 PM	55	11	12	13	14	15	16	17	17	18	Max. miles
6:30 PM	7:00 PM	7:30 PM	60	12	13	14	15	16	17	18	19	20	Max. miles
6:35 PM	7:05 PM	7:35 PM	65	13	14	15	16	17	18	20	21	22	Max. miles
6:40 PM	7:10 PM	7:40 PM	70	14	15	16	18	19	20	21	22	23	Max. miles
6:45 PM	7:15 PM	7:45 PM	75	15	16	18	19	20	21	23	24	25	Max. miles
6:50 PM	7:20 PM	7:50 PM	80	16	17	19	20	21	23	24	25	27	Max. miles
6:55 PM	7:25 PM	7:55 PM	85	17	18	20	21	23	24	26	27	28	Max. miles
7:00 PM	7:30 PM	8:00 PM	90	18	20	21	23	24	26	27	29	30	Max. miles
7:05 PM	7:35 PM	8:05 PM	95	19	21	22	24	25	27	29	30	32	Max. miles
7:10 PM	7:40 PM	8:10 PM	100	20	22	23	25	27	28	30	32	33	Max. miles
7:15 PM	7:45 PM	8:15 PM	105	21	23	25	26	28	30	32	33	35	Max. miles
7:20 PM	7:50 PM	8:20 PM	110	22	24	26	28	29	31	33	35	37	Max. miles
7:25 PM	7:55 PM	8:25 PM	115	23	25	27	29	31	33	35	36	38	Max. miles
7:30 PM	8:00 PM	8:30 PM	120	24	26	28	30	32	34	36	38	40	Max. miles
7:35 PM	8:05 PM	8:35 PM	125	25	27	29	31	33	35	38	40	42	Max. miles
7:40 PM	8:10 PM	N/A	130	26	28	30	33	35	37	39	41	43	Max. miles
7:45 PM	8:15 PM	N/A	135	27	29	32	34	36	38	41	43	45	Max. miles
7:50 PM	8:20 PM	N/A	140	28	30	33	35	37	40	42	44	47	Max. miles
7:55 PM	8:25 PM	N/A	145	29	31	34	36	39	41	44	46	48	Max. miles
8:00 PM	8:30 PM	N/A	150	30	33	35	38	40	43	45	48	50	Max. miles
8:05 PM	8:35 PM	N/A	155	31	34	36	39	41	44	47	49	52	Max. miles

Instructions:

1. Look up sunset time on page 2. Sunset times are for Willow Grove, PA. For other areas, get the time from a newspaper or website.
2. For 5:30 PM start, use the first column and find the row with the applicable sunset time.
3. For 6:00 PM start, use the second column and find the row with the applicable sunset time.
4. For 6:30 PM start, use the third column and find the row with the applicable sunset time.
5. Estimate your average speed and look in the column for that speed.
6. For a given speed and sunset time, the chart shows the number of miles you can ride until sunset.
7. The chart does not take into account any time spent waiting at traffic lights or stop signs.

Sunset Times for Montgomery County, PA

Day	March	April	May	June	July	August	September	October	November
1	5:52 PM	7:25 PM	7:56 PM	8:24 PM	8:34 PM	8:15 PM	7:33 PM	6:43 PM	5:58 PM
2	5:53 PM	7:26 PM	7:57 PM	8:24 PM	8:34 PM	8:14 PM	7:31 PM	6:42 PM	4:57 PM
3	5:54 PM	7:27 PM	7:58 PM	8:25 PM	8:33 PM	8:13 PM	7:30 PM	6:40 PM	4:56 PM
4	5:55 PM	7:28 PM	7:59 PM	8:26 PM	8:33 PM	8:11 PM	7:28 PM	6:38 PM	4:55 PM
5	5:56 PM	7:29 PM	8:00 PM	8:26 PM	8:33 PM	8:10 PM	7:26 PM	6:37 PM	4:54 PM
6	5:57 PM	7:30 PM	8:01 PM	8:27 PM	8:33 PM	8:09 PM	7:25 PM	6:35 PM	4:53 PM
7	5:58 PM	7:31 PM	8:02 PM	8:28 PM	8:32 PM	8:08 PM	7:23 PM	6:34 PM	4:51 PM
8	6:00 PM	7:32 PM	8:03 PM	8:28 PM	8:32 PM	8:07 PM	7:21 PM	6:32 PM	4:50 PM
9	7:01 PM	7:33 PM	8:04 PM	8:29 PM	8:32 PM	8:06 PM	7:20 PM	6:30 PM	4:49 PM
10	7:02 PM	7:34 PM	8:05 PM	8:29 PM	8:31 PM	8:04 PM	7:18 PM	6:29 PM	4:48 PM
11	7:03 PM	7:35 PM	8:06 PM	8:30 PM	8:31 PM	8:03 PM	7:16 PM	6:27 PM	4:48 PM
12	7:04 PM	7:36 PM	8:07 PM	8:30 PM	8:30 PM	8:02 PM	7:15 PM	6:26 PM	4:47 PM
13	7:05 PM	7:38 PM	8:07 PM	8:31 PM	8:30 PM	8:00 PM	7:13 PM	6:24 PM	4:46 PM
14	7:06 PM	7:39 PM	8:08 PM	8:31 PM	8:29 PM	7:59 PM	7:11 PM	6:23 PM	4:45 PM
15	7:07 PM	7:40 PM	8:09 PM	8:32 PM	8:29 PM	7:58 PM	7:10 PM	6:21 PM	4:44 PM
16	7:08 PM	7:41 PM	8:10 PM	8:32 PM	8:28 PM	7:56 PM	7:08 PM	6:20 PM	4:43 PM
17	7:09 PM	7:42 PM	8:11 PM	8:32 PM	8:28 PM	7:55 PM	7:06 PM	6:18 PM	4:43 PM
18	7:10 PM	7:43 PM	8:12 PM	8:33 PM	8:27 PM	7:54 PM	7:05 PM	6:17 PM	4:42 PM
19	7:11 PM	7:44 PM	8:13 PM	8:33 PM	8:26 PM	7:52 PM	7:03 PM	6:15 PM	4:41 PM
20	7:12 PM	7:45 PM	8:14 PM	8:33 PM	8:26 PM	7:51 PM	7:01 PM	6:14 PM	4:40 PM
21	7:13 PM	7:46 PM	8:15 PM	8:33 PM	8:25 PM	7:49 PM	7:00 PM	6:12 PM	4:40 PM
22	7:14 PM	7:47 PM	8:16 PM	8:34 PM	8:24 PM	7:48 PM	6:58 PM	6:11 PM	4:39 PM
23	7:15 PM	7:48 PM	8:17 PM	8:34 PM	8:23 PM	7:47 PM	6:56 PM	6:10 PM	4:39 PM
24	7:16 PM	7:49 PM	8:17 PM	8:34 PM	8:22 PM	7:45 PM	6:55 PM	6:08 PM	4:38 PM
25	7:17 PM	7:50 PM	8:18 PM	8:34 PM	8:21 PM	7:44 PM	6:53 PM	6:07 PM	4:38 PM
26	7:18 PM	7:51 PM	8:19 PM	8:34 PM	8:21 PM	7:42 PM	6:51 PM	6:06 PM	4:37 PM
27	7:19 PM	7:52 PM	8:20 PM	8:34 PM	8:20 PM	7:41 PM	6:49 PM	6:04 PM	4:37 PM
28	7:20 PM	7:53 PM	8:21 PM	8:34 PM	8:19 PM	7:39 PM	6:48 PM	6:03 PM	4:36 PM
29	7:21 PM	7:54 PM	8:21 PM	8:34 PM	8:18 PM	7:37 PM	6:46 PM	6:02 PM	4:36 PM
30	7:22 PM	7:55 PM	8:22 PM	8:34 PM	8:17 PM	7:36 PM	6:45 PM	6:01 PM	4:36 PM
31	7:23 PM		8:23 PM		8:16 PM	7:34 PM		5:59 PM	
NOTES:									
1. Daylight Savings Time starts on March 9, 2008, and ends on November 2, 2008.									
2. Data in this chart is for Willow Grove, PA.									
3. Data for other locations can be obtained from http://aa.usno.navy.mil/data/docs/RS_OneYear.html									