

Solunar Table Calculator - Version 1.3.3



Solunar Table For US, Pennsylvania (Pittsburgh) for July 2009



Latitude: 40° 26' North, Longitude: 80° 00' West, GMT -5 hours

Day	<--Sun-->		<-----Moon----->			<---Peak Activity Times--->				Rating For Day	
	Rise	Set	Rise	Set	Phase	Major Times		Minor Times			
1 Wednesday	05:54	20:54	16:06	01:29	66 +	08:21	20:47	02:08	14:34	Poor	*
2 Thursday	05:54	20:54	17:11	02:00	73 +	09:09	21:35	02:56	15:22	Poor	*
3 Friday	05:55	20:54	18:12	02:35	80 +	09:57	22:23	03:44	16:10	Fair	**
4 Saturday	05:55	20:54	19:09	03:17	86 +	10:47	23:13	04:34	17:00	Fair	**
5 Sunday	05:56	20:53	19:59	04:05	93 +	00:02	12:27	06:14	18:39	Best	****
6 Monday	05:56	20:53	20:42	04:59	100 +	00:50	13:15	07:02	19:27	Good	***
7 Tuesday	05:57	20:53	21:18	05:58	93 -	01:37	14:02	07:49	20:14	Best	****
8 Wednesday	05:58	20:52	21:49	06:58	87 -	02:23	14:48	08:35	21:00	Fair	**
9 Thursday	05:58	20:52	22:15	07:59	80 -	03:06	15:31	09:18	21:43	Fair	**
10 Friday	05:59	20:51	22:38	09:00	73 -	03:48	16:13	10:00	22:25	Poor	*
11 Saturday	06:00	20:51	23:01	10:01	66 -	04:30	16:55	10:42	23:07	Poor	*
12 Sunday	06:00	20:51	23:23	11:02	60 -	05:12	17:37	11:24	23:49	Poor	*
13 Monday	06:01	20:50	23:45	12:03	53 -	05:54	18:19	12:06	:	Poor	*
14 Tuesday	06:02	20:49	:	13:07	46 -	06:26	18:51	00:13	12:38	Poor	*
15 Wednesday	06:03	20:49	00:10	14:14	39 -	07:12	19:37	00:59	13:24	Fair	**
16 Thursday	06:03	20:48	00:38	15:24	32 -	08:00	20:25	01:47	14:12	Good	***
17 Friday	06:04	20:48	01:14	16:36	26 -	08:55	21:20	02:42	15:07	Good	***
18 Saturday	06:05	20:47	01:58	17:48	19 -	09:52	22:17	03:39	16:04	Fair	**
19 Sunday	06:06	20:46	02:54	18:54	12 -	10:53	23:18	04:40	17:05	Fair	**
20 Monday	06:07	20:45	04:02	19:50	5 -	11:56	:	05:43	18:08	Fair	**
21 Tuesday	06:07	20:45	05:19	20:36	1 +	00:31	12:57	06:44	19:09	Good	***
22 Wednesday	06:08	20:44	06:39	21:14	8 +	01:30	13:56	07:43	20:08	Best	****
23 Thursday	06:09	20:43	07:59	21:45	15 +	02:26	14:52	08:39	21:04	Best	****
24 Friday	06:10	20:42	09:16	22:12	22 +	03:18	15:44	09:31	21:56	Best	****
25 Saturday	06:11	20:41	10:29	22:38	28 +	04:07	16:33	10:20	22:45	Good	***
26 Sunday	06:12	20:40	11:40	23:04	35 +	04:56	17:22	11:09	23:34	Fair	**
27 Monday	06:13	20:39	12:49	23:32	42 +	05:44	18:10	11:57	:	Poor	*
28 Tuesday	06:14	20:38	13:57	:	49 +	06:33	18:59	00:20	12:46	Poor	*
29 Wednesday	06:15	20:37	15:02	00:01	56 +	07:05	19:31	00:52	13:18	Poor	*
30 Thursday	06:15	20:36	16:05	00:35	62 +	07:54	20:20	01:41	14:07	Poor	*
31 Friday	06:16	20:35	17:04	01:15	69 +	08:43	21:09	02:30	14:56	Poor	*



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	<--Sun-->		<-----Moon----->			<---Peak Activity Times--->		
Day	Rise	Set	Rise	Set	Phase	Major Times	Minor Times	Rating For Day

Note: DST has been factored into the calculations in this report and can be set in the locations screen

The phase of the moon is expressed as the percentage of the moon that is lit. A '+' indicates a waxing (growing) moon, while a '-' indicates a waning (shrinking) moon. The phase of the moon is now calculated as at midnight (00:00) on the reported day.

Major and minor times on this report are the mid point of the activity period. Major periods can last up to 2 hours on the best days down to around 1 hour or less on the poor days. Minor periods can last around an hour on the best days, down to around half an hour on the poor days. Ratings for the minor periods are typically 1 star less than for the major periods on that day.

In addition to the major and minor times shown, sun rise and sun set are also times of increased activity due to the interchange of large nocturnal predators and smaller daytime feeders starting/finishing their feeding cycles and therefore moving around at the same time.

Tide times/heights can be calculated using Michael Hopper's excellent WXTide32, available from simtel.net

