

Astronomical Applications Department
 U. S. Naval Observatory
 Washington, DC 20392-5420

Saturn

BIG BEAR, CALIFORNIA
 Location: W116°52'48.0", N34°14'24.0", 2060m
 (Longitude referred to Greenwich meridian)

Time Zone: 7h 00m west of Greenwich

Date (Zone)	Rise Az.			Transit Alt.			Set Az.		
	h	m	°	h	m	°	h	m	°
2018 May 01 (Tue)	23:47	117		04:49	34S		09:47	243	
2018 May 02 (Wed)	23:43	117		04:45	34S		09:43	243	
2018 May 03 (Thu)	23:39	117		04:41	34S		09:39	243	
2018 May 04 (Fri)	23:35	117		04:37	34S		09:35	243	
2018 May 05 (Sat)	23:31	117		04:33	34S		09:30	243	
2018 May 06 (Sun)	23:27	117		04:29	34S		09:26	243	
2018 May 07 (Mon)	23:23	117		04:25	34S		09:22	243	
2018 May 08 (Tue)	23:19	117		04:21	34S		09:18	243	
2018 May 09 (Wed)	23:15	117		04:17	34S		09:14	243	
2018 May 10 (Thu)	23:11	117		04:13	34S		09:10	243	
2018 May 11 (Fri)	23:07	117		04:08	34S		09:06	243	
2018 May 12 (Sat)	23:03	117		04:04	34S		09:02	243	
2018 May 13 (Sun)	22:59	117		04:00	34S		08:58	243	
2018 May 14 (Mon)	22:55	117		03:56	34S		08:54	243	
2018 May 15 (Tue)	22:50	117		03:52	34S		08:50	243	
2018 May 16 (Wed)	22:46	117		03:48	34S		08:45	243	
2018 May 17 (Thu)	22:42	117		03:44	34S		08:41	243	
2018 May 18 (Fri)	22:38	117		03:40	33S		08:37	243	
2018 May 19 (Sat)	22:34	117		03:36	33S		08:33	243	
2018 May 20 (Sun)	22:30	117		03:31	33S		08:29	243	
2018 May 21 (Mon)	22:26	117		03:27	33S		08:25	243	
2018 May 22 (Tue)	22:22	117		03:23	33S		08:21	243	
2018 May 23 (Wed)	22:17	117		03:19	33S		08:16	243	
2018 May 24 (Thu)	22:13	117		03:15	33S		08:12	243	
2018 May 25 (Fri)	22:09	117		03:11	33S		08:08	243	
2018 May 26 (Sat)	22:05	117		03:07	33S		08:04	243	
2018 May 27 (Sun)	22:01	117		03:02	33S		08:00	243	
2018 May 28 (Mon)	21:57	117		02:58	33S		07:55	243	
2018 May 29 (Tue)	21:53	117		02:54	33S		07:51	243	
2018 May 30 (Wed)	21:48	117		02:50	33S		07:47	243	
2018 May 31 (Thu)	21:44	117		02:46	33S		07:43	243	
2018 Jun 01 (Fri)	21:40	117		02:41	33S		07:39	243	
2018 Jun 02 (Sat)	21:36	117		02:37	33S		07:34	243	
2018 Jun 03 (Sun)	21:32	117		02:33	33S		07:30	243	
2018 Jun 04 (Mon)	21:27	117		02:29	33S		07:26	243	
2018 Jun 05 (Tue)	21:23	117		02:25	33S		07:22	243	
2018 Jun 06 (Wed)	21:19	117		02:20	33S		07:18	243	
2018 Jun 07 (Thu)	21:15	117		02:16	33S		07:13	243	
2018 Jun 08 (Fri)	21:11	117		02:12	33S		07:09	243	
2018 Jun 09 (Sat)	21:06	117		02:08	33S		07:05	243	
2018 Jun 10 (Sun)	21:02	117		02:04	33S		07:01	243	

2018 Jun 11 (Mon)	20:58 117	01:59 33S	06:56 243
2018 Jun 12 (Tue)	20:54 117	01:55 33S	06:52 243
2018 Jun 13 (Wed)	20:50 117	01:51 33S	06:48 243
2018 Jun 14 (Thu)	20:45 117	01:47 33S	06:44 243
2018 Jun 15 (Fri)	20:41 117	01:42 33S	06:39 243
2018 Jun 16 (Sat)	20:37 117	01:38 33S	06:35 243
2018 Jun 17 (Sun)	20:33 117	01:34 33S	06:31 243
2018 Jun 18 (Mon)	20:28 117	01:30 33S	06:27 243
2018 Jun 19 (Tue)	20:24 117	01:25 33S	06:22 243
2018 Jun 20 (Wed)	20:20 117	01:21 33S	06:18 243
2018 Jun 21 (Thu)	20:16 117	01:17 33S	06:14 243
2018 Jun 22 (Fri)	20:11 117	01:13 33S	06:10 243
2018 Jun 23 (Sat)	20:07 117	01:08 33S	06:05 243
2018 Jun 24 (Sun)	20:03 117	01:04 33S	06:01 243
2018 Jun 25 (Mon)	19:59 117	01:00 33S	05:57 243
2018 Jun 26 (Tue)	19:55 117	00:56 33S	05:53 243
2018 Jun 27 (Wed)	19:50 117	00:51 33S	05:48 243
2018 Jun 28 (Thu)	19:46 117	00:47 33S	05:44 243
2018 Jun 29 (Fri)	19:42 117	00:43 33S	05:40 243
2018 Jun 30 (Sat)	19:38 117	00:39 33S	05:36 243
2018 Jul 01 (Sun)	19:33 117	00:34 33S	05:31 243
2018 Jul 02 (Mon)	19:29 117	00:30 33S	05:27 243
2018 Jul 03 (Tue)	19:25 117	00:26 33S	05:23 243
2018 Jul 04 (Wed)	19:21 117	00:22 33S	05:18 243
2018 Jul 05 (Thu)	19:16 117	00:17 33S	05:14 243
2018 Jul 06 (Fri)	19:12 117	00:13 33S	05:10 243
2018 Jul 07 (Sat)	19:08 117	00:09 33S	05:06 243
2018 Jul 08 (Sun)	19:04 117	00:05 33S	05:01 243
2018 Jul 09 (Mon)	19:00 117	00:00 33S	04:57 243
		23:56 33S	
2018 Jul 10 (Tue)	18:55 117	23:52 33S	04:53 243
2018 Jul 11 (Wed)	18:51 117	23:48 33S	04:49 243
2018 Jul 12 (Thu)	18:47 117	23:44 33S	04:44 243
2018 Jul 13 (Fri)	18:43 117	23:39 33S	04:40 243
2018 Jul 14 (Sat)	18:38 117	23:35 33S	04:36 243
2018 Jul 15 (Sun)	18:34 117	23:31 33S	04:32 243
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2018 Jul 17 (Tue)	18:26 117	23:22 33S	04:23 243
2018 Jul 18 (Wed)	18:22 117	23:18 33S	04:19 243
2018 Jul 19 (Thu)	18:17 117	23:14 33S	04:15 243
2018 Jul 20 (Fri)	18:13 117	23:10 33S	04:11 243
2018 Jul 21 (Sat)	18:09 117	23:06 33S	04:06 243
2018 Jul 22 (Sun)	18:05 117	23:01 33S	04:02 243
2018 Jul 23 (Mon)	18:01 117	22:57 33S	03:58 243
2018 Jul 24 (Tue)	17:57 117	22:53 33S	03:54 243
2018 Jul 25 (Wed)	17:52 117	22:49 33S	03:50 243
2018 Jul 26 (Thu)	17:48 117	22:45 33S	03:45 243
2018 Jul 27 (Fri)	17:44 117	22:40 33S	03:41 243
2018 Jul 28 (Sat)	17:40 117	22:36 33S	03:37 243
2018 Jul 29 (Sun)	17:36 117	22:32 33S	03:33 243
2018 Jul 30 (Mon)	17:32 117	22:28 33S	03:29 243
2018 Jul 31 (Tue)	17:27 117	22:24 33S	03:24 243
2018 Aug 01 (Wed)	17:23 117	22:20 33S	03:20 243
2018 Aug 02 (Thu)	17:19 117	22:16 33S	03:16 243
2018 Aug 03 (Fri)	17:15 117	22:11 33S	03:12 243
2018 Aug 04 (Sat)	17:11 117	22:07 33S	03:08 243
2018 Aug 05 (Sun)	17:07 117	22:03 33S	03:04 243

2018 Aug 06 (Mon)	17:03 117	21:59 33S	02:59 243
2018 Aug 07 (Tue)	16:58 117	21:55 33S	02:55 243
2018 Aug 08 (Wed)	16:54 117	21:51 33S	02:51 243
2018 Aug 09 (Thu)	16:50 117	21:47 33S	02:47 243
2018 Aug 10 (Fri)	16:46 117	21:42 33S	02:43 243
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2018 Aug 18 (Sat)	16:14 117	21:10 33S	02:10 243
2018 Aug 19 (Sun)	16:10 117	21:06 33S	02:06 243
2018 Aug 20 (Mon)	16:06 117	21:02 33S	02:02 243
2018 Aug 21 (Tue)	16:01 117	20:58 33S	01:58 243
2018 Aug 22 (Wed)	15:57 117	20:54 33S	01:54 243
2018 Aug 23 (Thu)	15:53 117	20:50 33S	01:50 243
2018 Aug 24 (Fri)	15:49 117	20:46 33S	01:46 243
2018 Aug 25 (Sat)	15:45 117	20:42 33S	01:42 243
2018 Aug 26 (Sun)	15:41 117	20:38 33S	01:38 243
2018 Aug 27 (Mon)	15:37 117	20:34 33S	01:34 243
2018 Aug 28 (Tue)	15:33 117	20:30 33S	01:30 243