

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

Jupiter

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)	19:59	109		01:20	39S		06:36	251	
2018 May 02 (Wed)	19:55	109		01:15	39S		06:31	251	
2018 May 03 (Thu)	19:50	109		01:11	40S		06:27	251	
2018 May 04 (Fri)	19:46	109		01:06	40S		06:23	251	
2018 May 05 (Sat)	19:41	109		01:02	40S		06:18	251	
2018 May 06 (Sun)	19:36	109		00:57	40S		06:14	251	
2018 May 07 (Mon)	19:32	109		00:53	40S		06:10	251	
2018 May 08 (Tue)	19:27	109		00:49	40S		06:05	251	
2018 May 09 (Wed)	19:23	109		00:44	40S		06:01	251	
2018 May 10 (Thu)	19:18	109		00:40	40S		05:57	251	
2018 May 11 (Fri)	19:14	109		00:35	40S		05:52	251	
2018 May 12 (Sat)	19:09	109		00:31	40S		05:48	251	
2018 May 13 (Sun)	19:05	109		00:26	40S		05:44	251	
2018 May 14 (Mon)	19:00	109		00:22	40S		05:39	251	
2018 May 15 (Tue)	18:56	109		00:17	40S		05:35	251	
2018 May 16 (Wed)	18:51	109		00:13	40S		05:31	251	
2018 May 17 (Thu)	18:47	109		00:09	40S		05:26	251	
2018 May 18 (Fri)	18:42	109		00:04	40S		05:22	251	
				24:00	40S				
2018 May 19 (Sat)	18:38	109		23:55	40S		05:18	251	
2018 May 20 (Sun)	18:33	109		23:51	40S		05:13	251	
2018 May 21 (Mon)	18:29	109		23:47	40S		05:09	251	
2018 May 22 (Tue)	18:24	109		23:42	40S		05:05	251	
2018 May 23 (Wed)	18:20	109		23:38	40S		05:00	251	
2018 May 24 (Thu)	18:15	109		23:33	40S		04:56	251	
2018 May 25 (Fri)	18:11	108		23:29	40S		04:52	252	
2018 May 26 (Sat)	18:06	108		23:25	40S		04:47	252	
2018 May 27 (Sun)	18:02	108		23:20	40S		04:43	252	
2018 May 28 (Mon)	17:57	108		23:16	40S		04:39	252	
2018 May 29 (Tue)	17:53	108		23:11	40S		04:34	252	
2018 May 30 (Wed)	17:48	108		23:07	40S		04:30	252	
2018 May 31 (Thu)	17:44	108		23:03	40S		04:26	252	
2018 Jun 01 (Fri)	17:39	108		22:58	40S		04:22	252	
2018 Jun 02 (Sat)	17:35	108		22:54	40S		04:17	252	
2018 Jun 03 (Sun)	17:31	108		22:50	41S		04:13	252	
2018 Jun 04 (Mon)	17:26	108		22:45	41S		04:09	252	
2018 Jun 05 (Tue)	17:22	108		22:41	41S		04:05	252	
2018 Jun 06 (Wed)	17:17	108		22:37	41S		04:00	252	
2018 Jun 07 (Thu)	17:13	108		22:32	41S		03:56	252	
2018 Jun 08 (Fri)	17:09	108		22:28	41S		03:52	252	
2018 Jun 09 (Sat)	17:04	108		22:24	41S		03:48	252	

2018 Jun 10 (Sun)	17:00 108	22:20 41S	03:43 252
2018 Jun 11 (Mon)	16:56 108	22:15 41S	03:39 252
2018 Jun 12 (Tue)	16:51 108	22:11 41S	03:35 252
2018 Jun 13 (Wed)	16:47 108	22:07 41S	03:31 252
2018 Jun 14 (Thu)	16:43 108	22:03 41S	03:27 252
2018 Jun 15 (Fri)	16:38 108	21:58 41S	03:23 252
2018 Jun 16 (Sat)	16:34 108	21:54 41S	03:18 252
2018 Jun 17 (Sun)	16:30 108	21:50 41S	03:14 252
2018 Jun 18 (Mon)	16:26 108	21:46 41S	03:10 252
2018 Jun 19 (Tue)	16:21 108	21:42 41S	03:06 252
2018 Jun 20 (Wed)	16:17 108	21:37 41S	03:02 252
2018 Jun 21 (Thu)	16:13 108	21:33 41S	02:58 252
2018 Jun 22 (Fri)	16:09 108	21:29 41S	02:54 252
2018 Jun 23 (Sat)	16:05 108	21:25 41S	02:49 252
2018 Jun 24 (Sun)	16:01 108	21:21 41S	02:45 252
2018 Jun 25 (Mon)	15:56 108	21:17 41S	02:41 252
2018 Jun 26 (Tue)	15:52 108	21:13 41S	02:37 252
2018 Jun 27 (Wed)	15:48 108	21:09 41S	02:33 252
2018 Jun 28 (Thu)	15:44 108	21:04 41S	02:29 252
2018 Jun 29 (Fri)	15:40 108	21:00 41S	02:25 252
2018 Jun 30 (Sat)	15:36 108	20:56 41S	02:21 252
2018 Jul 01 (Sun)	15:32 108	20:52 41S	02:17 252
2018 Jul 02 (Mon)	15:28 108	20:48 41S	02:13 252
2018 Jul 03 (Tue)	15:24 108	20:44 41S	02:09 252
2018 Jul 04 (Wed)	15:20 108	20:40 41S	02:05 252
2018 Jul 05 (Thu)	15:16 108	20:36 41S	02:01 252
2018 Jul 06 (Fri)	15:12 108	20:32 41S	01:57 252
2018 Jul 07 (Sat)	15:08 108	20:28 41S	01:53 252
2018 Jul 08 (Sun)	15:04 108	20:24 41S	01:49 252
2018 Jul 09 (Mon)	15:00 108	20:20 41S	01:45 252
2018 Jul 10 (Tue)	14:56 108	20:16 41S	01:41 252
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2018 Jul 26 (Thu)	13:55 108	19:15 41S	00:39 252
2018 Jul 27 (Fri)	13:51 108	19:11 41S	00:35 252
2018 Jul 28 (Sat)	13:48 108	19:08 41S	00:31 252
2018 Jul 29 (Sun)	13:44 108	19:04 41S	00:27 252
2018 Jul 30 (Mon)	13:40 108	19:00 41S	00:24 252
2018 Jul 31 (Tue)	13:37 108	18:56 41S	00:20 252
2018 Aug 01 (Wed)	13:33 108	18:53 41S	00:16 252
2018 Aug 02 (Thu)	13:30 108	18:49 41S	00:12 252
2018 Aug 03 (Fri)	13:26 108	18:45 41S	00:09 252
2018 Aug 04 (Sat)	13:22 108	18:42 41S	00:05 252
2018 Aug 05 (Sun)	13:19 108	18:38 41S	00:01 252

2018 Aug 06 (Mon)	13:15 108	18:34 41S	23:57 252
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2018 Aug 28 (Tue)	12:00 109	17:17 40S	22:38 251