

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
12/31/2015	Thr	60	0.206	23:10	23:13:42							
01/01/2016	Fri	51	-3.494			5:22:13		11:27				
01/02/2016	Sat	41	-7.063	0:08		6:04:31		11:54				
01/03/2016	Sun	32	-10.392	1:06		6:47:19		12:23				
01/04/2016	Mon	24	-13.357	2:04		7:31:20		12:53				
01/05/2016	Tue	16	-15.824	3:02		8:17:12		13:28				
01/06/2016	Wed	9	-17.644	4:00		9:05:20		14:07				
01/07/2016	Thr	4	-18.669	4:58		9:55:52		14:52				
01/08/2016	Fri	1	-18.771	5:54		10:48:32		15:43				
01/09/2016	Sat	0	-17.872	6:46		11:42:42		16:41				
01/10/2016	Sun	2	-15.969	7:35		12:37:28		17:44				
01/11/2016	Mon	6	-13.144	8:18		13:32:00		18:52				
01/12/2016	Tue	12	-9.558	8:57		14:25:44		20:01				
01/13/2016	Wed	20	-5.427	9:34		15:18:30		21:12				
01/14/2016	Thr	30	-0.998	10:08		16:10:32		22:22				
01/15/2016	Fri	41	3.468	10:41	10:59:11	17:02:19	22:56:04	23:33				
01/16/2016	Sat	52	7.710	11:15	12:10:45	17:54:26	23:29:45					
01/17/2016	Sun	63	11.476					0:43	11:51	13:21:38	18:47:22	
01/18/2016	Mon	74	14.534				0:06:06	1:52	12:30	14:31:05	19:41:25	
01/19/2016	Tue	83	16.687				0:46:27	3:00	13:14	15:37:45	20:36:27	
01/20/2016	Wed	90	17.801				1:31:50	4:04	14:03	16:39:59	21:31:56	
01/21/2016	Thr	96	17.825				2:22:45	5:03	14:56	17:36:17	22:27:00	
01/22/2016	Fri	99	16.806				3:18:48	5:56	15:54	18:25:51	23:20:44	
01/23/2016	Sat	100	14.869				4:18:42	6:43	16:55	19:08:51		
01/24/2016	Sun	99	12.196			0:12:25	5:20:42	7:24	17:56	19:46:08		
01/25/2016	Mon	95	8.986			1:01:40	6:23:13	7:59	18:58	20:18:54		
01/26/2016	Tue	91	5.434			1:48:33	7:25:09	8:31	19:58	20:48:25		
01/27/2016	Wed	84	1.711			2:33:25	8:26:02	9:01	20:57	21:15:53		
01/28/2016	Thr	77	-2.034			3:16:50	9:25:51	9:29	21:56			
01/29/2016	Fri	68	-5.675			3:59:27		9:56	22:53			
01/30/2016	Sat	59	-9.095			4:41:59		10:24	23:51			
01/31/2016	Sun	50	-12.182			5:25:09		10:53				
02/01/2016	Mon	40	-14.818	0:48		6:09:36		11:26				
02/02/2016	Tue	31	-16.875	1:46		6:55:55		12:02				
02/03/2016	Wed	22	-18.215	2:43		7:44:30		12:43				
02/04/2016	Thr	14	-18.707	3:39		8:35:26		13:31				
02/05/2016	Fri	8	-18.243	4:33		9:28:30		14:25				
02/06/2016	Sat	3	-16.766	5:24		10:23:07		15:26				
02/07/2016	Sun	0	-14.300	6:10		11:18:30		16:32				
02/08/2016	Mon	0	-10.955	6:52		12:13:53		17:42				
02/09/2016	Tue	3	-6.931	7:31		13:08:45		18:55				
02/10/2016	Wed	9	-2.488	8:07		14:02:56		20:08				
02/11/2016	Thr	17	2.083	8:42	8:45:10	14:56:38	20:58:07	21:21				
02/12/2016	Fri	26	6.482	9:17	9:59:03	15:50:09	21:32:17	22:33				
02/13/2016	Sat	37	10.435	9:53	11:11:48	16:43:52	22:08:21	23:43				
02/14/2016	Sun	48	13.699	10:32	12:22:34	17:38:03	22:47:37					
02/15/2016	Mon	59	16.088					0:52	11:14	13:30:12	18:32:39	23:31:08
02/16/2016	Tue	70	17.477					1:57	12:00	14:33:20	19:27:21	
02/17/2016	Wed	79	17.814				0:19:32	2:57	12:52	15:30:42	20:21:36	
02/18/2016	Thr	87	17.127				1:12:48	3:51	13:47	16:21:36	21:14:43	

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Date	DoW	9PM		Rise	East	Transit	West	Set	9PM			
		Illum.	Decl.						Rise	East	Transit	West
02/19/2016	Fri	93	15.511				2:10:08	4:39	14:45	17:06:05	22:06:07	
02/20/2016	Sat	97	13.112				3:10:12	5:21	15:45	17:44:50	22:55:29	
02/21/2016	Sun	100	10.106				4:11:35	5:58	16:46	18:18:56	23:42:46	
02/22/2016	Mon	100	6.676				5:13:08	6:32	17:46	18:49:32		
02/23/2016	Tue	98	2.999			0:28:11	6:14:08	7:02	18:46	19:17:47		
02/24/2016	Wed	95	-0.763			1:12:08	7:14:21	7:30	19:45	19:44:43		
02/25/2016	Thr	90	-4.464			1:55:08		7:58	20:43			
02/26/2016	Fri	83	-7.976			2:37:46		8:26	21:40			
02/27/2016	Sat	76	-11.177			3:20:37		8:55	22:38			
02/28/2016	Sun	67	-13.952			4:04:17		9:25	23:35			
02/29/2016	Mon	58	-16.185			4:49:16		9:59				
03/01/2016	Tue	48	-17.758	0:31		5:36:00		10:38				
03/02/2016	Wed	38	-18.555	1:27		6:24:45		11:21				
03/03/2016	Thr	29	-18.473	2:20		7:15:32		12:11				
03/04/2016	Fri	19	-17.437	3:11		8:08:09		13:07				
03/05/2016	Sat	11	-15.422	3:59		9:02:08		14:10				
03/06/2016	Sun	5	-12.477	4:43		9:56:59		15:17				
03/07/2016	Mon	1	-8.730	5:23		10:52:12		16:29				
03/08/2016	Tue	0	-4.399	6:01		11:47:30		17:43				
03/09/2016	Wed	2	0.233	6:37		12:42:49	18:54:23	18:58				
03/10/2016	Thr	6	4.840	7:14	7:37:20	13:38:17	19:29:27	20:13				
03/11/2016	Fri	14	9.093	7:50	8:53:30	14:34:03	20:06:05	21:27				
03/12/2016	Sat	23	12.696	8:29	10:08:01	15:30:10	20:45:30	22:40				
03/13/2016	Sun+	33	15.418	9:12	11:19:21	16:26:29	21:28:48	23:48				
03/14/2016	Mon+	44	17.115	9:58	12:25:52	17:22:33	22:16:38					
03/15/2016	Tue+	55	17.734					0:51	10:48	13:26:07	18:17:45	23:09:00
03/16/2016	Wed+	65	17.305					1:48	11:43	14:19:20	19:11:27	
03/17/2016	Thr+	75	15.929				0:05:16	2:38	12:40	15:05:35	20:03:09	
03/18/2016	Fri+	83	13.746				1:04:13	3:21	13:39	15:45:39	20:52:39	
03/19/2016	Sat+	90	10.923				2:04:36	4:00	14:39	16:20:41	21:39:58	
03/20/2016	Sun+	95	7.628				3:05:21	4:33	15:39	16:51:57	22:25:24	
03/21/2016	Mon+	98	4.028				4:05:52	5:04	16:38	17:20:36	23:09:23	
03/22/2016	Tue+	100	0.283				5:05:50	5:33	17:36	17:47:43	23:52:25	
03/23/2016	Wed+	100	-3.460					6:01	18:35			
03/24/2016	Thr+	97	-7.059			0:35:03		6:28	19:32			
03/25/2016	Fri+	94	-10.383			1:17:47		6:57	20:30			
03/26/2016	Sat+	88	-13.304			2:01:08		7:27	21:27			
03/27/2016	Sun+	82	-15.704			2:45:32		7:59	22:23			
03/28/2016	Mon+	74	-17.468			3:31:20		8:35	23:19			
03/29/2016	Tue+	65	-18.492			4:18:42		9:16				
03/30/2016	Wed+	55	-18.687	0:12		5:07:43		10:03				
03/31/2016	Thr+	45	-17.987	1:03		5:58:15		10:55				
04/01/2016	Fri+	34	-16.363	1:50		6:50:03		11:53				
04/02/2016	Sat+	24	-13.832	2:34		7:42:47		12:56				
04/03/2016	Sun+	15	-10.472	3:15		8:36:14		14:04				
04/04/2016	Mon+	8	-6.429	3:53		9:30:14		15:15				
04/05/2016	Tue+	3	-1.923	4:30		10:24:52		16:29				
04/06/2016	Wed+	0	2.757	5:06	5:07:55	11:20:18	17:22:21	17:45				
04/07/2016	Thr+	1	7.274	5:43	6:25:27	12:16:44	17:58:36	19:01				
04/08/2016	Fri+	4	11.283	6:21	7:42:57	13:14:14	18:37:33	20:17				

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Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
04/09/2016	Sat+	11	14.476	7:03	8:58:41	14:12:34	19:20:26	21:30				
04/10/2016	Sun+	19	16.632	7:49	10:10:26	15:11:07	20:08:05	22:38				
04/11/2016	Mon+	29	17.648	8:40	11:15:59	16:08:57	21:00:37	23:40				
04/12/2016	Tue+	40	17.535	9:35	12:13:52	17:05:06	21:57:19					
04/13/2016	Wed+	50	16.397					0:34	10:33	13:03:48	17:58:51	22:56:51
04/14/2016	Thr+	60	14.395					1:21	11:32	13:46:29	18:49:49	23:57:43
04/15/2016	Fri+	70	11.708					2:01	12:33	14:23:13	19:38:06	
04/16/2016	Sat+	79	8.513				0:58:46	2:36	13:32	14:55:29	20:24:03	
04/17/2016	Sun+	86	4.977				1:59:21	3:08	14:32	15:24:38	21:08:12	
04/18/2016	Mon+	92	1.252				2:59:14	3:37	15:30	15:51:51	21:51:11	
04/19/2016	Tue+	96	-2.517				3:58:30	4:04	16:28		22:33:38	
04/20/2016	Wed+	99	-6.194					4:32	17:26		23:16:08	
04/21/2016	Thr+	100	-9.642					4:59	18:24		23:59:13	
04/22/2016	Fri+	99	-12.727					5:29	19:21			
04/23/2016	Sat+	96	-15.317			0:43:19		6:00	20:18			
04/24/2016	Sun+	92	-17.287			1:28:45		6:35	21:14			
04/25/2016	Mon+	86	-18.527			2:15:41		7:15	22:08			
04/26/2016	Tue+	79	-18.948			3:04:03		7:59	23:00			
04/27/2016	Wed+	70	-18.494			3:53:39		8:48	23:47			
04/28/2016	Thr+	60	-17.145			4:44:11		9:43				
04/29/2016	Fri+	50	-14.923	0:32		5:35:18		10:43				
04/30/2016	Sat+	39	-11.893	1:12		6:26:48		11:47				
05/01/2016	Sun+	28	-8.168	1:50		7:18:39		12:55				
05/02/2016	Mon+	19	-3.916	2:26		8:11:01		14:05				
05/03/2016	Tue+	10	0.642	3:00		9:04:17	15:16:46	15:18				
05/04/2016	Wed+	4	5.223	3:35	3:56:42	9:58:52	15:51:12	16:33				
05/05/2016	Thr+	1	9.502	4:12	5:13:30	10:55:11	16:28:03	17:48				
05/06/2016	Fri+	0	13.141	4:52	6:30:37	11:53:17	17:08:44	19:04				
05/07/2016	Sat+	3	15.843	5:36	7:46:00	12:52:48	17:54:29	20:17				
05/08/2016	Sun+	8	17.407	6:25	8:56:57	13:52:45	18:45:56	21:24				
05/09/2016	Mon+	16	17.766	7:20	10:00:55	14:51:50	19:42:40	22:24				
05/10/2016	Tue+	25	16.985	8:19	10:56:29	15:48:46	20:43:16	23:15				
05/11/2016	Wed+	34	15.224	9:20	11:43:42	16:42:42	21:45:47	0:00				
05/12/2016	Thr+	45	12.685	10:22	12:23:43	17:33:24	22:48:34					
05/13/2016	Fri+	55	9.575					0:37	11:23	12:58:09	18:21:04	23:50:32
05/14/2016	Sat+	64	6.078					1:11	12:24	13:28:34	19:06:19	
05/15/2016	Sun+	73	2.359				0:51:22	1:41	13:23	13:56:23	19:49:49	
05/16/2016	Mon+	81	-1.439				1:51:08	2:09	14:21	14:22:49	20:32:22	
05/17/2016	Tue+	88	-5.186					2:36	15:19		21:14:40	
05/18/2016	Wed+	93	-8.749					3:03	16:17		21:57:23	
05/19/2016	Thr+	97	-11.998					3:32	17:14		22:41:05	
05/20/2016	Fri+	99	-14.796					4:02	18:12		23:26:11	
05/21/2016	Sat+	100	-17.005					4:36	19:09			
05/22/2016	Sun+	98	-18.499			0:12:53		5:14	20:04			
05/23/2016	Mon+	95	-19.172			1:01:11		5:56	20:57			
05/24/2016	Tue+	90	-18.956			1:50:49		6:44	21:47			
05/25/2016	Wed+	83	-17.830			2:41:19		7:38	22:32			
05/26/2016	Thr+	74	-15.823			3:32:14		8:36	23:14			
05/27/2016	Fri+	65	-13.011			4:23:09		9:38	23:51			
05/28/2016	Sat+	54	-9.511			5:13:54		10:43				

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Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
05/29/2016	Sun+	43	-5.476	0:27		6:04:36		11:50				
05/30/2016	Mon+	32	-1.098	1:00		6:55:40		13:00				
05/31/2016	Tue+	21	3.397	1:34	1:36:28	7:47:38	13:48:58	14:11				
06/01/2016	Wed+	13	7.736	2:08	2:50:05	8:41:09	14:23:04	15:24				
06/02/2016	Thr+	6	11.621	2:45	4:05:03	9:36:41	15:00:22	16:38				
06/03/2016	Fri+	2	14.745	3:25	5:20:09	10:34:24	15:42:24	17:52				
06/04/2016	Sat+	0	16.851	4:11	6:33:15	11:33:49	16:30:22	19:02				
06/05/2016	Sun+	2	17.777	5:03	7:41:33	12:33:50	17:24:39	20:07				
06/06/2016	Mon+	6	17.498	6:00	8:42:37	13:33:00	18:24:27	21:04				
06/07/2016	Tue+	12	16.119	7:02	9:35:17	14:29:54	19:27:47	21:53				
06/08/2016	Wed+	20	13.831	8:05	10:19:52	15:23:38	20:32:25	22:35				
06/09/2016	Thr+	29	10.860	9:09	10:57:43	16:14:01	21:36:36	23:11				
06/10/2016	Fri+	39	7.423	10:11	11:30:28	17:01:22	22:39:24	23:43				
06/11/2016	Sat+	48	3.711	11:12	11:59:44	17:46:18	23:40:38					
06/12/2016	Sun+	58	-0.119					0:12	12:12	12:26:52	18:29:38	
06/13/2016	Mon+	67	-3.929					0:40	13:10		19:12:10	
06/14/2016	Tue+	76	-7.592					1:07	14:08		19:54:41	
06/15/2016	Wed+	83	-10.987					1:34	15:06		20:37:54	
06/16/2016	Thr+	90	-13.982					2:04	16:03		21:22:24	
06/17/2016	Fri+	95	-16.440					2:36	17:01		22:08:33	
06/18/2016	Sat+	98	-18.223					3:12	17:57		22:56:33	
06/19/2016	Sun+	100	-19.204					3:53	18:52		23:46:14	
06/20/2016	Mon+	99	-19.286					4:40	19:44			
06/21/2016	Tue+	97	-18.423			0:37:10		5:32	20:31			
06/22/2016	Wed+	92	-16.631			1:28:46		6:29	21:15			
06/23/2016	Thr+	86	-13.987			2:20:23		7:31	21:54			
06/24/2016	Fri+	77	-10.621			3:11:37		8:35	22:30			
06/25/2016	Sat+	68	-6.702			4:02:21		9:42	23:04			
06/26/2016	Sun+	57	-2.425			4:52:46		10:50	23:37			
06/27/2016	Mon+	46	1.992			5:43:23	11:51:53	11:59				
06/28/2016	Tue+	34	6.312	0:09	0:36:16	6:34:49	12:24:08	13:10				
06/29/2016	Wed+	24	10.275	0:44	1:48:32	7:27:44	12:58:40	14:21				
06/30/2016	Thr+	14	13.616	1:21	3:01:19	8:22:37	13:37:01	15:33				
07/01/2016	Fri+	7	16.084	2:03	4:13:22	9:19:31	14:20:39	16:43				
07/02/2016	Sat+	2	17.483	2:51	5:22:36	10:17:57	15:10:36	17:49				
07/03/2016	Sun+	0	17.717	3:44	6:26:32	11:16:51	16:06:57	18:50				
07/04/2016	Mon+	1	16.809	4:43	7:23:14	12:14:47	17:08:31	19:43				
07/05/2016	Tue+	4	14.894	5:46	8:12:05	13:10:30	18:13:09	20:29				
07/06/2016	Wed+	9	12.174	6:51	8:53:41	14:03:16	19:18:37	21:08				
07/07/2016	Thr+	16	8.877	7:55	9:29:24	14:52:54	20:23:17	21:42				
07/08/2016	Fri+	24	5.217	8:58	10:00:46	15:39:46	21:26:24	22:13				
07/09/2016	Sat+	33	1.381	9:59	10:29:16	16:24:30	22:27:52	22:42				
07/10/2016	Sun+	42	-2.476	10:59		17:07:51		23:09				
07/11/2016	Mon+	51	-6.221	11:57		17:50:36		23:37				
07/12/2016	Tue+	61	-9.732	12:55		18:33:32						
07/13/2016	Wed+	70	-12.889					0:06	13:53		19:17:21	
07/14/2016	Thr+	78	-15.566					0:36	14:50		20:02:37	
07/15/2016	Fri+	86	-17.629					1:11	15:47		20:49:42	
07/16/2016	Sat+	92	-18.942					1:49	16:43		21:38:44	
07/17/2016	Sun+	96	-19.386					2:33	17:36		22:29:29	

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Date	DoW	9PM	9PM	Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
07/18/2016	Mon+	99	-18.876					3:23	18:26		23:21:29	
07/19/2016	Tue+	100	-17.387					4:19	19:12			
07/20/2016	Wed+	98	-14.969			0:14:02		5:20	19:54			
07/21/2016	Thr+	94	-11.742			1:06:32		6:25	20:32			
07/22/2016	Fri+	88	-7.884			1:58:32		7:32	21:07			
07/23/2016	Sat+	80	-3.615			2:49:58		8:41	21:40			
07/24/2016	Sun+	70	0.826			3:41:05		9:51	22:13	22:27:07		
07/25/2016	Mon+	59	5.189			4:32:21	10:28:05	11:01	22:47	23:38:41		
07/26/2016	Tue+	48	9.226			5:24:20	11:01:25	12:11	23:23			
07/27/2016	Wed+	36	12.692		0:50:18	6:17:36	11:37:37	13:22				
07/28/2016	Thr+	26	15.364	0:02	2:01:07	7:12:26	12:18:07	14:31				
07/29/2016	Fri+	16	17.062	0:46	3:09:44	8:08:44	13:04:10	15:37				
07/30/2016	Sat+	9	17.672	1:36	4:14:10	9:05:54	13:56:23	16:38				
07/31/2016	Sun+	4	17.175	2:31	5:12:37	10:02:56	14:54:23	17:33				
08/01/2016	Mon+	1	15.650	3:31	6:03:59	10:58:43	15:56:44	18:22				
08/02/2016	Tue+	0	13.251	4:34	6:48:19	11:52:20	17:01:24	19:04				
08/03/2016	Wed+	2	10.180	5:38	7:26:33	12:43:18	18:06:28	19:40				
08/04/2016	Thr+	6	6.652	6:42	7:59:58	13:31:38	19:10:39	20:13				
08/05/2016	Fri+	11	2.866	7:44	8:29:57	14:17:42	20:13:24	20:43				
08/06/2016	Sat+	18	-1.003	8:45	8:57:48	15:02:03		21:11				
08/07/2016	Sun+	26	-4.803	9:45		15:45:23		21:39				
08/08/2016	Mon+	35	-8.405	10:43		16:28:25		22:07				
08/09/2016	Tue+	44	-11.688	11:41		17:11:50		22:37				
08/10/2016	Wed+	54	-14.536	12:38		17:56:13		23:09				
08/11/2016	Thr+	63	-16.827	13:35		18:42:06		23:45				
08/12/2016	Fri+	72	-18.436	14:31		19:29:48						
08/13/2016	Sat+	81	-19.240					0:26	15:25		20:19:22	
08/14/2016	Sun+	88	-19.133					1:13	16:16		21:10:35	
08/15/2016	Mon+	94	-18.049					2:06	17:04		22:03:02	
08/16/2016	Tue+	98	-15.984					3:05	17:48		22:56:06	
08/17/2016	Wed+	100	-13.010					4:09	18:29		23:49:15	
08/18/2016	Thr+	99	-9.281					5:16	19:06			
08/19/2016	Fri+	96	-5.015			0:42:10		6:26	19:41			
08/20/2016	Sat+	90	-0.479			1:34:49		7:38	20:15			
08/21/2016	Sun+	82	4.042			2:27:25	8:30:20	8:50	20:49	21:27:46		
08/22/2016	Mon+	72	8.262			3:20:21	9:03:51	10:02	21:25	22:40:40		
08/23/2016	Tue+	61	11.920			4:14:01	9:39:33	11:13	22:03	23:52:24		
08/24/2016	Wed+	50	14.791			5:08:41	10:18:46	12:22	22:45			
08/25/2016	Thr+	39	16.706		1:01:42	6:04:19	11:02:43	13:29	23:33			
08/26/2016	Fri+	28	17.567		2:06:53	7:00:32	11:52:11	14:31				
08/27/2016	Sat+	19	17.352	0:25	3:06:21	7:56:36	12:47:10	15:28				
08/28/2016	Sun+	11	16.124	1:22	3:59:03	8:51:40	13:46:46	16:17				
08/29/2016	Mon+	5	14.010	2:23	4:44:55	9:44:59	14:49:23	17:01				
08/30/2016	Tue+	2	11.180	3:26	5:24:38	10:36:04	15:53:18	17:39				
08/31/2016	Wed+	0	7.828	4:29	5:59:23	11:24:49	16:57:11	18:12				
09/01/2016	Thr+	1	4.145	5:31	6:30:26	12:11:28	18:00:12	18:43				
09/02/2016	Fri+	3	0.312	6:33	6:59:01	12:56:25	19:02:03	19:12				
09/03/2016	Sat+	8	-3.512	7:33		13:40:14		19:40				
09/04/2016	Sun+	13	-7.182	8:32		14:23:30		20:08				
09/05/2016	Mon+	21	-10.569	9:30		15:06:48		20:37				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
09/06/2016	Tue+	29	-13.554	10:28		15:50:41		21:08				
09/07/2016	Wed+	38	-16.024	11:24		16:35:38		21:43				
09/08/2016	Thr+	47	-17.864	12:20		17:22:00		22:21				
09/09/2016	Fri+	57	-18.964	13:14		18:09:58		23:04				
09/10/2016	Sat+	66	-19.222	14:06		18:59:33		23:54				
09/11/2016	Sun+	76	-18.557	14:54		19:50:33						
09/12/2016	Mon+	84	-16.928					0:49	15:40		20:42:38	
09/13/2016	Tue+	91	-14.352					1:50	16:21		21:35:24	
09/14/2016	Wed+	96	-10.916					2:55	17:00		22:28:34	
09/15/2016	Thr+	99	-6.792					4:05	17:36		23:22:01	
09/16/2016	Fri+	100	-2.225					5:16	18:11			
09/17/2016	Sat+	97	2.482			0:15:49	6:27:54	6:30	18:46	19:08:35		
09/18/2016	Sun+	92	6.996			1:10:12	7:02:01	7:44	19:23	20:24:13		
09/19/2016	Mon+	84	10.996			2:05:24	7:37:56	8:58	20:01	21:39:03		
09/20/2016	Tue+	75	14.204			3:01:33	8:16:59	10:11	20:43	22:51:31		
09/21/2016	Wed+	64	16.421			3:58:29	9:00:23	11:21	21:30	23:59:43		
09/22/2016	Thr+	53	17.539			4:55:42	9:48:55	12:26	22:21			
09/23/2016	Fri+	42	17.551		1:01:50	5:52:28	10:42:42	13:24	23:17			
09/24/2016	Sat+	31	16.529		1:56:44	6:47:56	11:40:56	14:16				
09/25/2016	Sun+	22	14.609	0:17	2:44:17	7:41:23	12:42:14	15:00				
09/26/2016	Mon+	14	11.958	1:18	3:25:16	8:32:30	13:45:02	15:39				
09/27/2016	Tue+	8	8.757	2:21	4:00:53	9:21:14	14:48:05	16:14				
09/28/2016	Wed+	3	5.184	3:22	4:32:31	10:07:51	15:50:36	16:45				
09/29/2016	Thr+	1	1.409	4:23	5:01:24	10:52:48	16:52:15	17:14				
09/30/2016	Fri+	0	-2.409	5:23	5:28:42	11:36:38		17:42				
10/01/2016	Sat+	1	-6.126	6:23		12:19:53		18:10				
10/02/2016	Sun+	4	-9.604	7:21		13:03:05		18:38				
10/03/2016	Mon+	9	-12.716	8:19		13:46:43		19:09				
10/04/2016	Tue+	15	-15.344	9:16		14:31:12		19:42				
10/05/2016	Wed+	22	-17.375	10:12		15:16:47		20:18				
10/06/2016	Thr+	31	-18.707	11:06		16:03:39		20:59				
10/07/2016	Fri+	40	-19.249	11:58		16:51:48		21:45				
10/08/2016	Sat+	50	-18.928	12:47		17:41:06		22:36				
10/09/2016	Sun+	60	-17.699	13:33		18:31:22		23:33				
10/10/2016	Mon+	70	-15.554	14:15		19:22:24						
10/11/2016	Tue+	79	-12.533					0:35	14:54		20:14:02	
10/12/2016	Wed+	88	-8.739					1:41	15:30		21:06:19	
10/13/2016	Thr+	94	-4.348					2:51	16:05		21:59:25	
10/14/2016	Fri+	98	0.386					4:03	16:40	16:40:57	22:53:38	
10/15/2016	Sat+	100	5.142				4:55:59	5:17	17:16	17:57:40	23:49:17	
10/16/2016	Sun+	98	9.553				5:31:22	6:33	17:54	19:15:09		
10/17/2016	Mon+	94	13.265			0:46:32	6:09:45	7:49	18:35	20:31:42		
10/18/2016	Tue+	87	15.983			1:45:14	6:52:30	9:04	19:21	21:44:57		
10/19/2016	Wed+	78	17.531			2:44:44	7:40:36	10:13	20:13	22:52:19		
10/20/2016	Thr+	68	17.869			3:44:00	8:34:19	11:17	21:09	23:51:54		
10/21/2016	Fri+	57	17.074			4:41:51	9:32:52	12:13	22:09			
10/22/2016	Sat+	46	15.309		0:43:08	5:37:18	10:34:40	13:00	23:11			
10/23/2016	Sun+	36	12.767		1:26:40	6:29:50	11:37:54	13:41				
10/24/2016	Mon+	26	9.650	0:14	2:03:54	7:19:26	12:41:10	14:17				
10/25/2016	Tue+	18	6.141	1:16	2:36:24	8:06:28	13:43:40	14:49				

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Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
10/26/2016	Wed+	11	2.405	2:17	3:05:39	8:51:29	14:45:10	15:18				
10/27/2016	Thr+	6	-1.408	3:17	3:32:55	9:35:09		15:46				
10/28/2016	Fri+	2	-5.159	4:16		10:18:08		16:13				
10/29/2016	Sat+	0	-8.715	5:14		11:01:01		16:41				
10/30/2016	Sun+	0	-11.948	6:12		11:44:20		17:10				
10/31/2016	Mon+	2	-14.733	7:10		12:28:30		17:42				
11/01/2016	Tue+	5	-16.950	8:06		13:13:45		18:17				
11/02/2016	Wed+	10	-18.492	9:01		14:00:11		18:56				
11/03/2016	Thr+	17	-19.268	9:54		14:47:45		19:40				
11/04/2016	Fri+	25	-19.211	10:44		15:36:13		20:29				
11/05/2016	Sat+	34	-18.285	11:30		16:25:18		21:23				
11/06/2016	Sun	43	-16.485	12:12		17:14:47		22:21				
11/07/2016	Mon	54	-13.844	12:51		18:04:33		23:24				
11/08/2016	Tue	64	-10.435	13:27		18:54:40						
11/09/2016	Wed	74	-6.379					0:29	14:01		19:45:27	
11/10/2016	Thr	84	-1.853					1:38	14:35		20:37:21	
11/11/2016	Fri	91	2.893					2:50	15:09	15:27:57	21:30:56	
11/12/2016	Sat	97	7.540				3:23:59	4:04	15:44	16:44:23	22:26:43	
11/13/2016	Sun	100	11.719				4:00:01	5:20	16:24	18:02:05	23:24:56	
11/14/2016	Mon	99	15.057				4:40:16	6:36	17:08	19:18:57		
11/15/2016	Tue	96	17.256			0:25:16	5:26:10	7:50	17:58	20:32:03		
11/16/2016	Wed	90	18.159			1:26:43	6:18:34	9:00	18:54	21:38:16		
11/17/2016	Thr	82	17.777			2:27:44	7:17:08	10:02	19:54	22:35:42		
11/18/2016	Fri	73	16.264			3:26:45	8:20:12	10:55	20:58	23:24:12		
11/19/2016	Sat	62	13.850			4:22:37	9:25:27	11:40	22:03			
11/20/2016	Sun	52	10.780		0:04:57	5:14:55	10:30:48	12:19	23:07			
11/21/2016	Mon	42	7.275		0:39:43	6:03:52	11:34:59	12:52				
11/22/2016	Tue	32	3.523	0:09	1:10:14	6:50:03	12:37:34	13:22				
11/23/2016	Wed	24	-0.319	1:10	1:38:03	7:34:15	13:38:41	13:50				
11/24/2016	Thr	16	-4.118	2:09		8:17:17		14:18				
11/25/2016	Fri	10	-7.750	3:08		8:59:55		14:45				
11/26/2016	Sat	5	-11.095	4:06		9:42:48		15:13				
11/27/2016	Sun	2	-14.031	5:03		10:26:29		15:44				
11/28/2016	Mon	0	-16.436	6:01		11:11:21		16:18				
11/29/2016	Tue	1	-18.194	6:57		11:57:34		16:55				
11/30/2016	Wed	3	-19.203	7:51		12:45:04		17:38				
12/01/2016	Thr	7	-19.386	8:42		13:33:33		18:25				
12/02/2016	Fri	12	-18.705	9:30		14:22:38		19:17				
12/03/2016	Sat	19	-17.158	10:13		15:11:51		20:14				
12/04/2016	Sun	28	-14.787	10:53		16:00:57		21:14				
12/05/2016	Mon	37	-11.668	11:29		16:49:51		22:17				
12/06/2016	Tue	48	-7.914	12:02		17:38:47		23:23				
12/07/2016	Wed	59	-3.670	12:35		18:28:11						
12/08/2016	Thr	69	0.876					0:31	13:07		19:18:45	
12/09/2016	Fri	80	5.479				1:21:27	1:41	13:40	14:18:42	20:11:13	
12/10/2016	Sat	88	9.841				1:54:25	2:53	14:15	15:33:23	21:06:13	
12/11/2016	Sun	95	13.614				2:30:48	4:07	14:55	16:49:15	22:04:05	
12/12/2016	Mon	99	16.449				3:12:18	5:22	15:41	18:04:13	23:04:30	
12/13/2016	Tue	100	18.069				4:00:25	6:34	16:34	19:15:08		
12/14/2016	Wed	98	18.343			0:06:21	4:55:54	7:42	17:33	20:18:55		

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	9PM			
		Illum.	Decl.						Rise	East	Transit	West
12/15/2016	Thr	93	17.322			1:07:54	5:57:58	8:41	18:37	21:13:49		
12/16/2016	Fri	87	15.203			2:07:19	7:04:22	9:32	19:44	21:59:59		
12/17/2016	Sat	78	12.258			3:03:25	8:12:16	10:15	20:50	22:38:47		
12/18/2016	Sun	69	8.764			3:55:45	9:19:27	10:52	21:56	23:12:05		
12/19/2016	Mon	59	4.959			4:44:36	10:24:46	11:25	22:59	23:41:36		
12/20/2016	Tue	49	1.035			5:30:40	11:27:57	11:54	0:00			
12/21/2016	Wed	40	-2.857		0:08:51	6:14:48		12:22				
12/22/2016	Thr	31	-6.590	0:59		6:57:51		12:49				
12/23/2016	Fri	22	-10.052	1:58		7:40:40		13:17				
12/24/2016	Sat	15	-13.132	2:56		8:23:56		13:46				
12/25/2016	Sun	9	-15.717	3:53		9:08:13		14:19				
12/26/2016	Mon	4	-17.693	4:50		9:53:54		14:55				
12/27/2016	Tue	1	-18.949	5:45		10:41:06		15:35				
12/28/2016	Wed	0	-19.394	6:38		11:29:38		16:21				
12/29/2016	Thr	1	-18.968	7:27		12:19:07		17:12				
12/30/2016	Fri	4	-17.657	8:13		13:09:00		18:08				
12/31/2016	Sat	8	-15.498	8:54		13:58:46		19:08				
01/01/2017	Sun	15	-12.572	9:32		14:48:04		20:10				
01/02/2017	Mon	23	-9.001	10:06		15:36:55		21:15				
01/03/2017	Tue	32	-4.939	10:39		16:25:34		22:21				
01/04/2017	Wed	43	-0.564	11:10		17:14:33	23:24:31	23:28				
01/05/2017	Thr	54	3.913	11:41	12:04:23	18:04:34	23:55:28					
01/06/2017	Fri	65	8.248					0:38	12:14	13:15:34	18:56:23	
01/07/2017	Sat	76	12.160				0:28:45	1:48	12:51	14:28:04	19:50:38	
01/08/2017	Sun	85	15.345				1:06:00	3:00	13:32	15:40:53	20:47:36	
01/09/2017	Mon	92	17.512				1:48:55	4:11	14:19	16:51:55	21:46:56	
01/10/2017	Tue	97	18.446				2:38:53	5:20	15:13	17:58:23	22:47:34	
01/11/2017	Wed	100	18.067				3:36:21	6:23	16:14	18:57:46	23:47:53	
01/12/2017	Thr	99	16.460				4:40:13	7:18	17:20	19:48:56		
01/13/2017	Fri	96	13.840			0:46:15	5:48:04	8:06	18:28	20:32:16		
01/14/2017	Sat	91	10.488			1:41:33	6:57:04	8:47	19:35	21:09:10		
01/15/2017	Sun	84	6.686			2:33:26	8:05:06	9:23	20:41	21:41:20		
01/16/2017	Mon	76	2.678			3:22:09	9:11:07	9:54	21:45	22:10:21		
01/17/2017	Tue	67	-1.341			4:08:19	10:14:53	10:23	22:46			
01/18/2017	Wed	57	-5.218			4:52:45		10:51	23:46			
01/19/2017	Thr	48	-8.830			5:36:16		11:19				
01/20/2017	Fri	38	-12.068	0:45		6:19:39		11:48				
01/21/2017	Sat	30	-14.830	1:43		7:03:34		12:19				
01/22/2017	Sun	21	-17.014	2:40		7:48:34		12:53				
01/23/2017	Mon	14	-18.515	3:35		8:35:00		13:32				
01/24/2017	Tue	8	-19.237	4:29		9:22:57		14:15				
01/25/2017	Wed	4	-19.105	5:21		10:12:14		15:04				
01/26/2017	Thr	1	-18.077	6:08		11:02:26		15:59				
01/27/2017	Fri	0	-16.165	6:52		11:53:00		16:58				
01/28/2017	Sat	1	-13.431	7:32		12:43:27		18:01				
01/29/2017	Sun	5	-9.994	8:08		13:33:30		19:06				
01/30/2017	Mon	11	-6.015	8:42		14:23:07		20:13				
01/31/2017	Tue	19	-1.690	9:14		15:12:36		21:20				
02/01/2017	Wed	28	2.761	9:45	9:55:50	16:02:26	21:59:34	22:29				
02/02/2017	Thr	39	7.100	10:18	11:06:11	16:53:15	22:31:39	23:39				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
02/03/2017	Fri	50	11.069	10:52	12:17:09	17:45:40	23:06:40					
02/04/2017	Sat	61	14.406					0:48	11:30	13:28:07	18:40:06	23:46:09
02/05/2017	Sun	72	16.856					1:58	12:14	14:37:42	19:36:36	
02/06/2017	Mon	82	18.211				0:31:35	3:05	13:03	15:43:53	20:34:41	
02/07/2017	Tue	90	18.347				1:23:56	4:09	13:59	16:44:28	21:33:17	
02/08/2017	Wed	96	17.265				2:23:06	5:06	15:01	17:37:59	22:31:08	
02/09/2017	Thr	99	15.091				3:27:40	5:56	16:07	18:24:10	23:27:03	
02/10/2017	Fri	100	12.045				4:35:18	6:40	17:14	19:03:49		
02/11/2017	Sat	98	8.391			0:20:19	5:43:40	7:18	18:21	19:38:18		
02/12/2017	Sun	95	4.394			1:10:47	6:51:08	7:52	19:26	20:09:06		
02/13/2017	Mon	89	0.287			1:58:43	7:56:50	8:22	20:30	20:37:35		
02/14/2017	Tue	82	-3.739			2:44:40		8:51	21:32			
02/15/2017	Wed	74	-7.528			3:29:19		9:19	22:32			
02/16/2017	Thr	65	-10.955			4:13:21		9:48	23:31			
02/17/2017	Fri	56	-13.914			4:57:26		10:18				
02/18/2017	Sat	47	-16.306	0:28		5:42:07		10:51				
02/19/2017	Sun	37	-18.040	1:24		6:27:50		11:28				
02/20/2017	Mon	28	-19.028	2:19		7:14:50		12:09				
02/21/2017	Tue	20	-19.195	3:11		8:03:10		12:55				
02/22/2017	Wed	13	-18.488	4:00		8:52:40		13:47				
02/23/2017	Thr	7	-16.889	4:45		9:43:01		14:44				
02/24/2017	Fri	2	-14.427	5:27		10:33:46		15:45				
02/25/2017	Sat	0	-11.188	6:05		11:24:38		16:51				
02/26/2017	Sun	0	-7.314	6:41		12:15:25		17:58				
02/27/2017	Mon	3	-2.998	7:14		13:06:12		19:07				
02/28/2017	Tue	8	1.525	7:46		13:57:16	20:01:26	20:18				
03/01/2017	Wed	15	5.992	8:19	8:55:07	14:49:02	20:33:43	21:29				
03/02/2017	Thr	25	10.125	8:54	10:07:30	15:41:56	21:08:18	22:40				
03/03/2017	Fri	35	13.652	9:31	11:19:30	16:36:18	21:46:35	23:50				
03/04/2017	Sat	47	16.325	10:13	12:29:48	17:32:10	22:29:57					
03/05/2017	Sun	58	17.951					0:58	11:00	13:36:36	18:29:09	23:19:24
03/06/2017	Mon	69	18.413					2:02	11:53	14:37:58	19:26:29	
03/07/2017	Tue	79	17.698				0:15:09	3:00	12:51	15:32:33	20:23:12	
03/08/2017	Wed	87	15.893				1:16:21	3:51	13:54	16:19:58	21:18:21	
03/09/2017	Thr	93	13.170				2:21:16	4:36	14:59	17:00:53	22:11:18	
03/10/2017	Fri	98	9.751				3:27:55	5:15	16:05	17:36:29	23:01:53	
03/11/2017	Sat	100	5.877				4:34:40	5:50	17:10	18:08:11	23:50:13	
03/12/2017	Sun+	100	1.781				5:40:29	6:21	18:14	18:37:18		
03/13/2017	Mon+	97	-2.329			0:36:44	6:44:57	6:50	19:17			
03/14/2017	Tue+	93	-6.272			1:21:59		7:19	20:18			
03/15/2017	Wed+	88	-9.894			2:06:31		7:48	21:18			
03/16/2017	Thr+	81	-13.069			2:50:53		8:17	22:17			
03/17/2017	Fri+	73	-15.688			3:35:35		8:49	23:14			
03/18/2017	Sat+	64	-17.657			4:20:59		9:24				
03/19/2017	Sun+	55	-18.896	0:09		5:07:20		10:03				
03/20/2017	Mon+	45	-19.338	1:02		5:54:44		10:46				
03/21/2017	Tue+	36	-18.934	1:52		6:43:08		11:35				
03/22/2017	Wed+	27	-17.662	2:38		7:32:23		12:29				
03/23/2017	Thr+	18	-15.528	3:21		8:22:13		13:28				
03/24/2017	Fri+	11	-12.585	4:00		9:12:29		14:31				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
03/25/2017	Sat+	5	-8.931	4:36		10:03:04		15:37				
03/26/2017	Sun+	1	-4.721	5:10		10:54:04		16:46				
03/27/2017	Mon+	0	-0.169	5:43		11:45:44		17:58				
03/28/2017	Tue+	2	4.459	6:17	6:35:23	12:38:24	18:31:33	19:10				
03/29/2017	Wed+	6	8.859	6:51	7:49:59	13:32:28	19:06:02	20:24				
03/30/2017	Thr+	13	12.716	7:28	9:04:53	14:28:08	19:43:56	21:37				
03/31/2017	Fri+	22	15.737	8:10	10:18:30	15:25:18	20:26:38	22:49				
04/01/2017	Sat+	32	17.697	8:56	11:28:42	16:23:30	21:15:09	23:56				
04/02/2017	Sun+	43	18.466	9:48	12:33:12	17:21:48	22:09:46					
04/03/2017	Mon+	54	18.032					0:56	10:45	13:30:20	18:19:08	23:09:44
04/04/2017	Tue+	65	16.486					1:50	11:47	14:19:40	19:14:34	
04/05/2017	Wed+	75	13.997				0:13:23	2:36	12:51	15:01:52	20:07:32	
04/06/2017	Thr+	84	10.775				1:18:51	3:16	13:56	15:38:15	20:57:56	
04/07/2017	Fri+	91	7.042				2:24:34	3:51	15:00	16:10:20	21:46:02	
04/08/2017	Sat+	96	3.016				3:29:38	4:23	16:04	16:39:30	22:32:17	
04/09/2017	Sun+	99	-1.104				4:33:38	4:52	17:06	17:07:01	23:17:17	
04/10/2017	Mon+	100	-5.135					5:20	18:07			
04/11/2017	Tue+	99	-8.912			0:01:38		5:49	19:07			
04/12/2017	Wed+	96	-12.289			0:45:51		6:18	20:07			
04/13/2017	Thr+	92	-15.140			1:30:24		6:48	21:05			
04/14/2017	Fri+	86	-17.355			2:15:36		7:22	22:01			
04/15/2017	Sat+	79	-18.846			3:01:39		7:59	22:55			
04/16/2017	Sun+	71	-19.546			3:48:34		8:41	23:46			
04/17/2017	Mon+	62	-19.412			4:36:16		9:27				
04/18/2017	Tue+	53	-18.427	0:33		5:24:34		10:18				
04/19/2017	Wed+	43	-16.601	1:16		6:13:15		11:14				
04/20/2017	Thr+	33	-13.973	1:56		7:02:12		12:14				
04/21/2017	Fri+	23	-10.616	2:32		7:51:25		13:17				
04/22/2017	Sat+	15	-6.643	3:06		8:41:05		14:24				
04/23/2017	Sun+	8	-2.218	3:39		9:31:34		15:33				
04/24/2017	Mon+	3	2.439	4:12		10:23:22	16:26:53	16:45				
04/25/2017	Tue+	0	7.043	4:45	5:24:05	11:16:59	17:00:15	17:59				
04/26/2017	Wed+	1	11.265	5:21	6:40:23	12:12:51	17:36:50	19:15				
04/27/2017	Thr+	4	14.758	6:01	7:57:06	13:11:00	18:18:10	20:30				
04/28/2017	Fri+	11	17.220	6:47	9:11:56	14:10:58	19:05:36	21:41				
04/29/2017	Sat+	19	18.449	7:38	10:21:52	15:11:39	19:59:43	22:48				
04/30/2017	Sun+	29	18.386	8:36	11:24:17	16:11:36	20:59:53	23:46				
05/01/2017	Mon+	40	17.114	9:38	12:17:57	17:09:26	22:04:15					
05/02/2017	Tue+	51	14.818					0:36	10:43	13:03:15	18:04:17	23:10:32
05/03/2017	Wed+	61	11.731					1:18	11:48	13:41:35	18:55:55	
05/04/2017	Thr+	71	8.090				0:16:53	1:55	12:53	14:14:42	19:44:37	
05/05/2017	Fri+	80	4.115				1:22:12	2:27	13:57	14:44:15	20:31:01	
05/06/2017	Sat+	87	0.001				2:26:08	2:57	14:59	15:11:40	21:15:48	
05/07/2017	Sun+	93	-4.075					3:25	16:00		21:59:43	
05/08/2017	Mon+	97	-7.957					3:52	17:00		22:43:25	
05/09/2017	Tue+	99	-11.496					4:20	17:59		23:27:27	
05/10/2017	Wed+	100	-14.555					4:50	18:57			
05/11/2017	Thr+	98	-17.012			0:12:13		5:22	19:55			
05/12/2017	Fri+	95	-18.761			0:57:56		5:58	20:50			
05/13/2017	Sat+	91	-19.721			1:44:37		6:37	21:42			

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM	9PM	Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
05/14/2017	Sun+	84	-19.842			2:32:05		7:22	22:30			
05/15/2017	Mon+	77	-19.108			3:20:04		8:11	23:15			
05/16/2017	Tue+	68	-17.535			4:08:14		9:04	23:55			
05/17/2017	Wed+	59	-15.170			4:56:21		10:02				
05/18/2017	Thr+	49	-12.085	0:32		5:44:21		11:03				
05/19/2017	Fri+	38	-8.379	1:06		6:32:25		12:06				
05/20/2017	Sat+	28	-4.181	1:38		7:20:55		13:12				
05/21/2017	Sun+	19	0.337	2:09		8:10:28		14:21				
05/22/2017	Mon+	10	4.951	2:41	2:58:07	9:01:45	14:55:29	15:33				
05/23/2017	Tue+	4	9.374	3:15	4:12:22	9:55:28	15:29:26	16:47				
05/24/2017	Wed+	1	13.269	3:52	5:28:47	10:52:09	16:07:42	18:02				
05/25/2017	Thr+	0	16.286	4:34	6:45:41	11:51:47	16:52:02	19:18				
05/26/2017	Fri+	3	18.128	5:23	8:00:14	12:53:36	17:43:44	20:29				
05/27/2017	Sat+	8	18.628	6:19	9:08:53	13:56:05	18:42:54	21:33				
05/28/2017	Sun+	16	17.794	7:21	10:08:59	14:57:17	19:47:59	22:29				
05/29/2017	Mon+	25	15.785	8:28	10:59:42	15:55:38	20:56:14	23:16				
05/30/2017	Tue+	36	12.856	9:36	11:42:02	16:50:20	22:04:59	23:56				
05/31/2017	Wed+	46	9.283	10:43	12:17:48	17:41:23	23:12:27					
06/01/2017	Thr+	57	5.319					0:31	11:48	12:48:55	18:29:18	
06/02/2017	Fri+	67	1.180				0:17:57	1:01	12:51	13:17:03	19:14:54	
06/03/2017	Sat+	76	-2.952				1:21:30	1:30	13:53		19:59:02	
06/04/2017	Sun+	83	-6.923					1:57	14:53		20:42:33	
06/05/2017	Mon+	90	-10.593					2:24	15:53		21:26:08	
06/06/2017	Tue+	95	-13.830					2:53	16:51		22:10:20	
06/07/2017	Wed+	98	-16.507					3:24	17:49		22:55:32	
06/08/2017	Thr+	100	-18.507					3:58	18:45		23:41:51	
06/09/2017	Fri+	100	-19.734					4:36	19:38			
06/10/2017	Sat+	98	-20.118			0:29:11		5:19	20:28			
06/11/2017	Sun+	94	-19.631			1:17:13		6:06	21:14			
06/12/2017	Mon+	88	-18.283			2:05:30		6:59	21:56			
06/13/2017	Tue+	82	-16.126			2:53:39		7:55	22:34			
06/14/2017	Wed+	73	-13.242			3:41:24		8:54	23:08			
06/15/2017	Thr+	64	-9.737			4:28:45		9:56	23:40			
06/16/2017	Fri+	53	-5.740			5:15:59		10:59				
06/17/2017	Sat+	43	-1.401	0:11		6:03:37		12:05				
06/18/2017	Sun+	32	3.095	0:41		6:52:21	12:55:05	13:13				
06/19/2017	Mon+	22	7.520	1:12	1:50:25	7:43:01	13:26:18	14:24				
06/20/2017	Tue+	13	11.593	1:46	3:03:32	8:36:25	14:00:56	15:37				
06/21/2017	Wed+	6	14.992	2:25	4:18:33	9:33:06	14:40:47	16:51				
06/22/2017	Thr+	2	17.392	3:09	5:33:41	10:33:02	15:27:40	18:04				
06/23/2017	Fri+	0	18.537	4:01	6:45:50	11:35:18	16:22:46	19:13				
06/24/2017	Sat+	2	18.311	5:00	7:51:33	12:38:09	17:25:44	20:15				
06/25/2017	Sun+	6	16.778	6:06	8:48:27	13:39:33	18:34:19	21:08				
06/26/2017	Mon+	13	14.149	7:15	9:36:15	14:37:53	19:45:17	21:52				
06/27/2017	Tue+	22	10.718	8:25	10:16:13	15:32:24	20:55:48	22:30				
06/28/2017	Wed+	31	6.780	9:34	10:50:17	16:23:12	22:04:18	23:03				
06/29/2017	Thr+	41	2.595	10:40	11:20:19	17:10:56	23:10:19	23:33				
06/30/2017	Fri+	51	-1.624	11:43	11:47:56	17:56:27						
07/01/2017	Sat+	61	-5.706					0:01	12:45		18:40:40	
07/02/2017	Sun+	70	-9.511					0:29	13:45		19:24:24	

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
07/03/2017	Mon+	79	-12.912					0:57	14:44		20:08:22	
07/04/2017	Tue+	86	-15.788					1:27	15:42		20:53:07	
07/05/2017	Wed+	92	-18.024					1:59	16:39		21:38:57	
07/06/2017	Thr+	96	-19.517					2:36	17:33		22:25:57	
07/07/2017	Fri+	99	-20.180					3:17	18:25		23:13:55	
07/08/2017	Sat+	100	-19.963					4:03	19:13			
07/09/2017	Sun+	99	-18.856			0:02:27		4:54	19:56			
07/10/2017	Mon+	96	-16.899			0:51:05		5:49	20:36			
07/11/2017	Tue+	92	-14.175			1:39:22		6:48	21:11			
07/12/2017	Wed+	85	-10.800			2:27:06		7:49	21:44			
07/13/2017	Thr+	77	-6.916			3:14:20		8:52	22:15			
07/14/2017	Fri+	68	-2.681			4:01:23		9:56	22:44			
07/15/2017	Sat+	57	1.724			4:48:51	10:58:33	11:02	23:15	23:37:32		
07/16/2017	Sun+	46	6.095			5:37:28	11:28:05	12:10	23:46			
07/17/2017	Mon+	35	10.197		0:47:33	6:28:03	12:00:00	13:20				
07/18/2017	Tue+	24	13.760	0:21	1:59:21	7:21:21	12:35:59	14:31				
07/19/2017	Wed+	15	16.496	1:01	3:12:05	8:17:47	13:17:51	15:42				
07/20/2017	Thr+	7	18.138	1:48	4:23:48	9:17:13	14:07:19	16:52				
07/21/2017	Fri+	2	18.501	2:42	5:31:35	10:18:39	15:05:09	17:56				
07/22/2017	Sat+	0	17.540	3:44	6:32:31	11:20:23	16:10:32	18:54				
07/23/2017	Sun+	1	15.372	4:51	7:25:03	12:20:34	17:20:51	19:43				
07/24/2017	Mon+	4	12.235	6:02	8:09:26	13:17:49	18:32:53	20:25				
07/25/2017	Tue+	10	8.429	7:13	8:47:04	14:11:35	19:44:04	21:01				
07/26/2017	Wed+	17	4.248	8:22	9:19:43	15:02:00	20:53:03	21:33				
07/27/2017	Thr+	26	-0.054	9:28	9:49:07	15:49:42	21:59:29	22:02				
07/28/2017	Fri+	36	-4.268	10:32		16:35:29		22:31				
07/29/2017	Sat+	45	-8.232	11:34		17:20:11		22:59				
07/30/2017	Sun+	55	-11.811	12:34		18:04:34		23:29				
07/31/2017	Mon+	65	-14.886	13:33		18:49:16						
08/01/2017	Tue+	73	-17.350					0:00	14:30		19:34:47	
08/02/2017	Wed+	81	-19.101					0:35	15:26		20:21:20	
08/03/2017	Thr+	88	-20.050					1:14	16:19		21:08:56	
08/04/2017	Fri+	94	-20.128					1:58	17:08		21:57:23	
08/05/2017	Sat+	97	-19.305					2:47	17:54		22:46:17	
08/06/2017	Sun+	100	-17.592					3:41	18:35		23:35:10	
08/07/2017	Mon+	100	-15.054					4:40	19:12			
08/08/2017	Tue+	98	-11.798			0:23:43		5:41	19:47			
08/09/2017	Wed+	94	-7.972			1:11:47		6:44	20:18			
08/10/2017	Thr+	88	-3.752			1:59:28		7:49	20:48			
08/11/2017	Fri+	80	0.665			2:47:10		8:55	21:18	21:29:22		
08/12/2017	Sat+	71	5.066			3:35:26	9:32:01	10:02	21:49	22:38:25		
08/13/2017	Sun+	60	9.219			4:24:57	10:02:44	11:10	22:23	23:48:37		
08/14/2017	Mon+	49	12.879			5:16:24	10:36:31	12:20	23:00			
08/15/2017	Tue+	37	15.793		0:59:27	6:10:20	11:15:03	13:29	23:42			
08/16/2017	Wed+	27	17.724		2:09:37	7:06:52	11:59:58	14:38				
08/17/2017	Thr+	17	18.490	0:32	3:16:59	8:05:36	12:52:32	15:42				
08/18/2017	Fri+	9	18.004	1:28	4:19:01	9:05:27	13:52:53	16:41				
08/19/2017	Sat+	3	16.307	2:32	5:13:54	10:04:57	14:59:36	17:33				
08/20/2017	Sun+	0	13.561	3:40	6:01:07	11:02:42	16:10:04	18:17				
08/21/2017	Mon+	0	10.015	4:50	6:41:28	11:57:48	17:21:33	18:56				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM	9PM	Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
08/22/2017	Tue+	2	5.949	6:00	7:16:24	12:50:00	18:32:05	19:30				
08/23/2017	Wed+	7	1.638	7:09	7:47:32	13:39:30	19:40:39	20:01				
08/24/2017	Thr+	13	-2.679	8:15	8:16:19	14:26:55		20:30				
08/25/2017	Fri+	21	-6.805	9:19		15:12:54		20:59				
08/26/2017	Sat+	30	-10.579	10:21		15:58:10		21:28				
08/27/2017	Sun+	39	-13.871	11:21		16:43:19		21:59				
08/28/2017	Mon+	48	-16.570	12:20		17:28:52		22:33				
08/29/2017	Tue+	58	-18.578	13:16		18:15:09		23:11				
08/30/2017	Wed+	67	-19.810	14:10		19:02:19		23:53				
08/31/2017	Thr+	76	-20.195	15:01		19:50:19						
09/01/2017	Fri+	83	-19.690					0:39	15:48		20:38:55	
09/02/2017	Sat+	90	-18.283					1:31	16:31		21:27:50	
09/03/2017	Sun+	95	-16.006					2:28	17:10		22:16:44	
09/04/2017	Mon+	99	-12.939					3:28	17:46		23:05:27	
09/05/2017	Tue+	100	-9.210					4:32	18:19		23:54:00	
09/06/2017	Wed+	99	-4.991					5:37	18:50			
09/07/2017	Thr+	96	-0.492			0:42:35		6:44	19:21			
09/08/2017	Fri+	90	4.050			1:31:37	7:34:38	7:52	19:52	20:28:47		
09/09/2017	Sat+	83	8.377			2:21:36	8:05:14	9:02	20:25	21:39:47		
09/10/2017	Sun+	73	12.225			3:13:07	8:38:17	10:12	21:01	22:51:07		
09/11/2017	Mon+	63	15.337			4:06:34	9:15:18	11:22	21:41			
09/12/2017	Tue+	51	17.490		0:01:34	5:02:05	9:57:49	12:30	22:28			
09/13/2017	Wed+	40	18.518		1:09:13	5:59:23	10:47:05	13:35	23:21			
09/14/2017	Thr+	29	18.342		2:11:52	6:57:40	11:43:34	14:34				
09/15/2017	Fri+	19	16.987	0:21	3:07:45	7:55:48	12:46:30	15:27				
09/16/2017	Sat+	11	14.580	1:26	3:56:16	8:52:40	13:53:56	16:13				
09/17/2017	Sun+	5	11.321	2:34	4:37:56	9:47:24	15:03:34	16:52				
09/18/2017	Mon+	1	7.454	3:42	5:14:01	10:39:43	16:13:25	17:27				
09/19/2017	Tue+	0	3.231	4:51	5:46:02	11:29:41	17:22:14	17:59				
09/20/2017	Wed+	1	-1.106	5:57	6:15:25	12:17:44		18:29				
09/21/2017	Thr+	4	-5.342	7:03		13:04:25		18:58				
09/22/2017	Fri+	9	-9.293	8:06		13:50:19		19:27				
09/23/2017	Sat+	16	-12.806	9:08		14:35:57		19:58				
09/24/2017	Sun+	23	-15.751	10:08		15:21:47		20:30				
09/25/2017	Mon+	32	-18.024	11:06		16:08:06		21:06				
09/26/2017	Tue+	41	-19.537	12:01		16:55:02		21:46				
09/27/2017	Wed+	51	-20.225	12:53		17:42:36		22:31				
09/28/2017	Thr+	60	-20.044	13:42		18:30:39		23:21				
09/29/2017	Fri+	69	-18.973	14:26		19:18:59						
09/30/2017	Sat+	78	-17.026					0:15	15:06		20:07:26	
10/01/2017	Sun+	86	-14.252					1:13	15:43		20:55:53	
10/02/2017	Mon+	92	-10.741					2:15	16:17		21:44:24	
10/03/2017	Tue+	97	-6.630					3:20	16:48		22:33:11	
10/04/2017	Wed+	99	-2.105					4:26	17:19		23:22:39	
10/05/2017	Thr+	100	2.594				5:34:06	5:35	17:51	18:12:04		
10/06/2017	Fri+	97	7.188			0:13:16	6:04:39	6:46	18:23	19:24:47		
10/07/2017	Sat+	92	11.369			1:05:31	6:37:21	7:58	18:59	20:38:23		
10/08/2017	Sun+	85	14.835			1:59:47	7:13:40	9:10	19:39	21:51:29		
10/09/2017	Mon+	76	17.321			2:56:08	7:55:07	10:21	20:24	23:01:57		
10/10/2017	Tue+	65	18.643			3:54:08	8:42:59	11:29	21:16			

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	9PM				
		Illum.	Decl.						Rise	East	Transit	West	
10/11/2017	Wed+	54	18.724		0:07:18	4:52:55	9:37:48	12:31	22:14				
10/12/2017	Thr+	43	17.604		1:05:30	5:51:16	10:38:55	13:25	23:17				
10/13/2017	Fri+	32	15.418		1:55:45	6:48:04	11:44:35	14:12					
10/14/2017	Sat+	22	12.365	0:24	2:38:36	7:42:34	12:52:36	14:53					
10/15/2017	Sun+	14	8.673	1:31	3:15:22	8:34:30	14:01:07	15:29					
10/16/2017	Mon+	7	4.574	2:38	3:47:39	9:24:04	15:09:00	16:00					
10/17/2017	Tue+	3	0.288	3:44	4:16:59	10:11:45	16:15:43	16:30					
10/18/2017	Wed+	1	-3.979	4:49		10:58:08		16:58					
10/19/2017	Thr+	0	-8.042	5:53		11:43:49		17:27					
10/20/2017	Fri+	2	-11.733	6:55		12:29:21		17:56					
10/21/2017	Sat+	6	-14.907	7:56		13:15:09		18:28					
10/22/2017	Sun+	11	-17.440	8:56		14:01:27		19:03					
10/23/2017	Mon+	17	-19.234	9:53		14:48:22		19:41					
10/24/2017	Tue+	25	-20.216	10:46		15:35:47		20:24					
10/25/2017	Wed+	34	-20.342	11:36		16:23:31		21:11					
10/26/2017	Thr+	43	-19.594	12:22		17:11:21		22:03					
10/27/2017	Fri+	52	-17.984	13:03		17:59:03		22:59					
10/28/2017	Sat+	62	-15.551	13:40		18:46:35		23:58					
10/29/2017	Sun+	71	-12.361	14:14		19:34:04							
10/30/2017	Mon+	80	-8.511					1:00	14:46			20:21:47	
10/31/2017	Tue+	88	-4.142					2:05	15:17			21:10:14	
11/01/2017	Wed+	94	0.557					3:13	15:47	15:48:18		22:00:00	
11/02/2017	Thr+	98	5.333				4:01:31	4:23	16:19	17:00:52		22:51:45	
11/03/2017	Fri+	100	9.874				4:33:02	5:35	16:53	18:15:37		23:46:02	
11/04/2017	Sat+	99	13.827				5:07:55	6:49	17:32	19:31:28			
11/05/2017	Sun	94	16.850			0:43:04	5:47:49	8:04	18:16	20:46:11			
11/06/2017	Mon	88	18.669			1:42:32	6:34:18	9:16	19:07	21:56:42			
11/07/2017	Tue	79	19.149			2:43:24	7:28:15	10:23	20:05	23:00:02			
11/08/2017	Wed	69	18.310			3:44:08	8:29:12	11:22	21:08	23:54:33			
11/09/2017	Thr	58	16.308			4:43:08	9:35:16	12:13	22:15				
11/10/2017	Fri	47	13.376		0:40:24	5:39:19	10:43:51	12:56	23:23				
11/11/2017	Sat	36	9.770		1:19:00	6:32:17	11:52:42	13:32					
11/12/2017	Sun	26	5.736	0:30	1:52:11	7:22:15	13:00:33	14:05					
11/13/2017	Mon	18	1.490	1:36	2:21:43	8:09:50	14:06:54	14:34					
11/14/2017	Tue	11	-2.775	2:40	2:49:07	8:55:46		15:02					
11/15/2017	Wed	5	-6.887	3:44		9:40:49		15:30					
11/16/2017	Thr	2	-10.689	4:46		10:25:39		15:58					
11/17/2017	Fri	0	-14.033	5:47		11:10:49		16:29					
11/18/2017	Sat	1	-16.788	6:47		11:56:40		17:02					
11/19/2017	Sun	3	-18.839	7:45		12:43:19		17:38					
11/20/2017	Mon	7	-20.098	8:40		13:30:39		18:19					
11/21/2017	Tue	12	-20.509	9:32		14:18:23		19:05					
11/22/2017	Wed	19	-20.050	10:19		15:06:10		19:55					
11/23/2017	Thr	26	-18.736	11:02		15:53:38		20:49					
11/24/2017	Fri	35	-16.609	11:40		16:40:35		21:46					
11/25/2017	Sat	45	-13.736	12:14		17:27:04		22:46					
11/26/2017	Sun	55	-10.203	12:46		18:13:20		23:48					
11/27/2017	Mon	65	-6.120	13:16		18:59:54							
11/28/2017	Tue	75	-1.626					0:52	13:45			19:47:26	
11/29/2017	Wed	83	3.089					1:59	14:15	14:34:49		20:36:46	

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	9PM			
		Illum.	Decl.						Rise	East	Transit	West
11/30/2017	Thr	91	7.774				2:28:53	3:09	14:47	15:47:17	21:28:44	
12/01/2017	Fri	97	12.107				3:01:01	4:21	15:23	17:02:26	22:24:01	
12/02/2017	Sat	99	15.715				3:37:39	5:36	16:04	18:18:54	23:22:49	
12/03/2017	Sun	99	18.229				4:20:42	6:51	16:51	19:33:54		
12/04/2017	Mon	96	19.376			0:24:34	5:11:47	8:03	17:47	20:43:42		
12/05/2017	Tue	91	19.062			1:27:45	6:11:22	9:09	18:51	21:45:02		
12/06/2017	Wed	83	17.393			2:30:16	7:18:03	10:06	19:59	22:36:43		
12/07/2017	Thr	73	14.620			3:30:14	8:28:44	10:54	21:10	23:19:36		
12/08/2017	Fri	63	11.055			4:26:32	9:40:16	11:34	22:20	23:55:35		
12/09/2017	Sat	52	7.000			5:19:01	10:50:29	12:08	23:27			
12/10/2017	Sun	41	2.709		0:26:44	6:08:11	11:58:30	12:39				
12/11/2017	Mon	31	-1.609	0:33	0:54:50	6:54:54	13:04:20	13:07				
12/12/2017	Tue	23	-5.784	1:37		7:40:04		13:35				
12/13/2017	Wed	15	-9.671	2:39		8:24:32		14:03				
12/14/2017	Thr	9	-13.137	3:40		9:09:04		14:32				
12/15/2017	Fri	4	-16.057	4:40		9:54:10		15:03				
12/16/2017	Sat	1	-18.316	5:38		10:40:10		15:38				
12/17/2017	Sun	0	-19.815	6:34		11:27:06		16:17				
12/18/2017	Mon	1	-20.484	7:28		12:14:45		17:01				
12/19/2017	Tue	3	-20.286	8:17		13:02:41		17:49				
12/20/2017	Wed	7	-19.226	9:01		13:50:26		18:42				
12/21/2017	Thr	13	-17.344	9:41		14:37:35		19:38				
12/22/2017	Fri	20	-14.715	10:17		15:23:58		20:37				
12/23/2017	Sat	28	-11.432	10:49		16:09:38		21:37				
12/24/2017	Sun	38	-7.605	11:19		16:54:59		22:39				
12/25/2017	Mon	48	-3.362	11:47		17:40:36		23:43				
12/26/2017	Tue	58	1.148	12:16	12:16:07	18:27:16						
12/27/2017	Wed	69	5.733				0:28:41	0:49	12:45	13:24:34	19:15:54	
12/28/2017	Thr	79	10.149				0:57:59	1:57	13:17	14:35:49	20:07:28	
12/29/2017	Fri	87	14.086				1:30:41	3:08	13:53	15:49:33	21:02:40	
12/30/2017	Sat	94	17.181				2:08:45	4:22	14:36	17:04:22	22:01:47	
12/31/2017	Sun	99	19.082				2:54:14	5:35	15:27	18:17:16	23:04:08	
01/01/2018	Mon	100	19.540				3:48:47	6:45	16:27	19:24:28		
01/02/2018	Tue	98	18.500			0:08:03	4:52:31	7:48	17:34	20:23:00		
01/03/2018	Wed	94	16.122			1:11:13	6:03:17	8:43	18:46	21:12:05		
01/04/2018	Thr	87	12.719			2:11:38	7:17:24	9:28	19:59	21:52:53		
01/05/2018	Fri	78	8.651			3:08:14	8:31:24	10:07	21:11	22:27:26		
01/06/2018	Sat	68	4.247			4:00:54	9:43:13	10:40	22:20	22:57:44		
01/07/2018	Sun	58	-0.222			4:50:14	10:52:12	11:11	23:26			
01/08/2018	Mon	48	-4.554			5:37:09		11:39				
01/09/2018	Tue	38	-8.589	0:30		6:22:35		12:07				
01/10/2018	Wed	29	-12.199	1:32		7:07:23		12:35				
01/11/2018	Thr	20	-15.273	2:33		7:52:18		13:06				
01/12/2018	Fri	13	-17.707	3:32		8:37:49		13:39				
01/13/2018	Sat	8	-19.410	4:29		9:24:13		14:17				
01/14/2018	Sun	3	-20.306	5:23		10:11:29		14:59				
01/15/2018	Mon	1	-20.346	6:13		10:59:20		15:45				
01/16/2018	Tue	0	-19.518	7:00		11:47:21		16:37				
01/17/2018	Wed	1	-17.850	7:41		12:35:01		17:32				
01/18/2018	Thr	4	-15.409	8:19		13:21:59		18:30				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM	9PM	Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
01/19/2018	Fri	9	-12.293	8:52		14:08:06		19:30				
01/20/2018	Sat	15	-8.622	9:23		14:53:32		20:32				
01/21/2018	Sun	23	-4.531	9:51		15:38:39		21:34				
01/22/2018	Mon	32	-0.171	10:19		16:24:06	22:32:19	22:38				
01/23/2018	Tue	42	4.286	10:47	11:12:10	17:10:40	22:59:56	23:44				
01/24/2018	Wed	53	8.638	11:17	12:20:02	17:59:14	23:29:54					
01/25/2018	Thr	64	12.638					0:51	11:50	13:29:58	18:50:39	
01/26/2018	Fri	74	15.997				0:03:53	2:01	12:28	14:41:29	19:45:34	
01/27/2018	Sat	84	18.393				0:43:50	3:11	13:13	15:52:53	20:44:07	
01/28/2018	Sun	92	19.536				1:31:46	4:21	14:06	17:01:20	21:45:33	
01/29/2018	Mon	97	19.241				2:29:00	5:26	15:08	18:03:38	22:48:17	
01/30/2018	Tue	100	17.508				3:35:11	6:25	16:17	18:57:42	23:50:15	
01/31/2018	Wed	99	14.533				4:47:49	7:16	17:31	19:43:22		
02/01/2018	Thr	96	10.642			0:49:44	6:03:16	7:59	18:45	20:21:57		
02/02/2018	Fri	91	6.206			1:45:49	7:18:20	8:36	19:58	20:55:18		
02/03/2018	Sat	83	1.567			2:38:28	8:31:09	9:09	21:08	21:25:14		
02/04/2018	Sun	74	-3.001			3:28:12		9:39	22:15			
02/05/2018	Mon	65	-7.288			4:15:50		10:08	23:20			
02/06/2018	Tue	55	-11.139			5:02:10		10:37				
02/07/2018	Wed	45	-14.435	0:22		5:47:58		11:07				
02/08/2018	Thr	36	-17.079	1:23		6:33:52		11:40				
02/09/2018	Fri	27	-18.990	2:21		7:20:14		12:16				
02/10/2018	Sat	19	-20.103	3:16		8:07:16		12:56				
02/11/2018	Sun	12	-20.370	4:08		8:54:53		13:41				
02/12/2018	Mon	7	-19.771	4:56		9:42:51		14:31				
02/13/2018	Tue	3	-18.320	5:40		10:30:45		15:25				
02/14/2018	Wed	0	-16.066	6:19		11:18:14		16:22				
02/15/2018	Thr	0	-13.095	6:54		12:05:05		17:22				
02/16/2018	Fri	2	-9.525	7:25		12:51:16		18:24				
02/17/2018	Sat	5	-5.495	7:55		13:37:01		19:27				
02/18/2018	Sun	11	-1.168	8:23		14:22:44		20:31				
02/19/2018	Mon	18	3.275	8:51	9:04:44	15:09:03	21:03:57	21:36				
02/20/2018	Tue	27	7.631	9:20	10:11:50	15:56:41	21:32:48	22:43				
02/21/2018	Wed	37	11.672	9:52	11:20:17	16:46:21	22:04:41	23:51				
02/22/2018	Thr	48	15.147	10:27	12:29:46	17:38:41	22:41:19					
02/23/2018	Fri	59	17.784					0:59	11:08	13:39:11	18:34:01	23:24:30
02/24/2018	Sat	70	19.325					2:07	11:56	14:46:30	19:32:07	
02/25/2018	Sun	80	19.572				0:15:48	3:12	12:52	15:49:10	20:32:04	
02/26/2018	Mon	89	18.445				1:15:51	4:11	13:56	16:45:01	21:32:27	
02/27/2018	Tue	95	16.020				2:23:32	5:04	15:05	17:33:13	22:31:42	
02/28/2018	Wed	99	12.523				3:36:16	5:49	16:18	18:14:23	23:28:43	
03/01/2018	Thr	100	8.270				4:50:59	6:29	17:32	18:49:59		
03/02/2018	Fri	98	3.608			0:23:00	6:05:14	7:04	18:44	19:21:39		
03/03/2018	Sat	94	-1.140			1:14:40	7:17:40	7:35	19:54			
03/04/2018	Sun	88	-5.703			2:04:13		8:05	21:01			
03/05/2018	Mon	80	-9.870			2:52:17		8:35	22:07			
03/06/2018	Tue	72	-13.483			3:39:32		9:05	23:10			
03/07/2018	Wed	63	-16.425			4:26:29		9:37				
03/08/2018	Thr	53	-18.609	0:10		5:13:34		10:12				
03/09/2018	Fri	44	-19.976	1:08		6:00:58		10:51				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	9PM				
		Illum.	Decl.						Rise	East	Transit	West	
03/10/2018	Sat	34	-20.487	2:01		6:48:42		11:35					
03/11/2018	Sun+	26	-20.128	2:51		7:36:38		12:23					
03/12/2018	Mon+	18	-18.910	3:36		8:24:32		13:15					
03/13/2018	Tue+	11	-16.872	4:17		9:12:07		14:12					
03/14/2018	Wed+	6	-14.082	4:53		9:59:14		15:11					
03/15/2018	Thr+	2	-10.640	5:26		10:45:53		16:13					
03/16/2018	Fri+	0	-6.674	5:56		11:32:12		17:16					
03/17/2018	Sat+	1	-2.341	6:25		12:18:34		18:21					
03/18/2018	Sun+	3	2.171	6:54	6:54:23	13:05:27	19:06:42	19:27					
03/19/2018	Mon+	8	6.647	7:23	8:02:27	13:53:29	19:35:18	20:34					
03/20/2018	Tue+	15	10.844	7:54	9:11:48	14:43:14	20:06:26	21:43					
03/21/2018	Wed+	23	14.502	8:28	10:21:59	15:35:14	20:41:38	22:52					
03/22/2018	Thr+	34	17.357	9:07	11:31:53	16:29:43	21:22:31						
03/23/2018	Fri+	45	19.168					0:00	9:52	12:39:38	17:26:28	22:10:36	
03/24/2018	Sat+	56	19.752					1:05	10:44	13:42:52	18:24:47	23:06:37	
03/25/2018	Sun+	67	19.027					2:05	11:44	14:39:33	19:23:30		
03/26/2018	Mon+	77	17.036				0:10:05	2:59	12:50	15:28:45	20:21:22		
03/27/2018	Tue+	86	13.939				1:19:05	3:45	14:00	16:10:53	21:17:27		
03/28/2018	Wed+	93	9.988				2:31:05	4:25	15:12	16:47:17	22:11:17		
03/29/2018	Thr+	98	5.482				3:43:53	5:01	16:23	17:19:29	23:02:55		
03/30/2018	Fri+	100	0.725				4:55:59	5:33	17:33	17:49:04	23:52:45		
03/31/2018	Sat+	99	-3.994					6:03	18:41				
04/01/2018	Sun+	97	-8.428			0:41:19		6:32	19:48				
04/02/2018	Mon+	92	-12.373			1:29:12		7:02	20:53				
04/03/2018	Tue+	86	-15.668			2:16:52		7:34	21:56				
04/04/2018	Wed+	78	-18.199			3:04:39		8:08	22:56				
04/05/2018	Thr+	70	-19.888			3:52:42		8:45	23:53				
04/06/2018	Fri+	61	-20.693			4:40:57		9:27					
04/07/2018	Sat+	51	-20.604	0:45		5:29:15		10:14					
04/08/2018	Sun+	42	-19.640	1:32		6:17:18		11:05					
04/09/2018	Mon+	33	-17.843	2:14		7:04:54		11:59					
04/10/2018	Tue+	24	-15.277	2:51		7:51:55		12:57					
04/11/2018	Wed+	16	-12.026	3:25		8:38:24		13:58					
04/12/2018	Thr+	10	-8.198	3:56		9:24:34		15:00					
04/13/2018	Fri+	4	-3.928	4:25		10:10:50		16:05					
04/14/2018	Sat+	1	0.617	4:54		10:57:43	17:07:19	17:11					
04/15/2018	Sun+	0	5.227	5:23	5:46:29	11:45:52	17:35:30	18:19					
04/16/2018	Mon+	2	9.652	5:53	6:56:56	12:35:54	18:05:55	19:29					
04/17/2018	Tue+	6	13.609	6:26	8:08:53	13:28:20	18:40:06	20:40					
04/18/2018	Wed+	12	16.801	7:04	9:21:13	14:23:24	19:19:40	21:51					
04/19/2018	Thr+	21	18.957	7:48	10:31:53	15:20:50	20:06:09	22:59					
04/20/2018	Fri+	31	19.875	8:39	11:38:08	16:19:46	21:00:27						
04/21/2018	Sat+	42	19.469					0:02	9:37	12:37:30	17:18:54	22:02:08	
04/22/2018	Sun+	53	17.780					0:58	10:42	13:28:46	18:16:55	23:09:24	
04/23/2018	Mon+	64	14.968					1:46	11:50	14:12:15	19:12:48		
04/24/2018	Tue+	75	11.268				0:19:46	2:27	13:00	14:49:19	20:06:10		
04/25/2018	Wed+	84	6.951				1:31:02	3:02	14:10	15:21:41	20:57:09		
04/26/2018	Thr+	91	2.295				2:41:48	3:34	15:19	15:50:59	21:46:16		
04/27/2018	Fri+	96	-2.437				3:51:30	4:04	16:26		22:34:08		
04/28/2018	Sat+	99	-7.000					4:32	17:33		23:21:25		

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
04/29/2018	Sun+	100	-11.177					5:01	18:38			
04/30/2018	Mon+	98	-14.781			0:08:41		5:32	19:42			
05/01/2018	Tue+	95	-17.661			0:56:19		6:04	20:44			
05/02/2018	Wed+	90	-19.705			1:44:27		6:40	21:43			
05/03/2018	Thr+	84	-20.849			2:33:02		7:21	22:37			
05/04/2018	Fri+	76	-21.069			3:21:44		8:05	23:27			
05/05/2018	Sat+	68	-20.384			4:10:13		8:55				
05/06/2018	Sun+	59	-18.842	0:11		4:58:05		9:48				
05/07/2018	Mon+	49	-16.515	0:50		5:45:08		10:44				
05/08/2018	Tue+	40	-13.490	1:25		6:31:20		11:43				
05/09/2018	Wed+	30	-9.865	1:56		7:16:56		12:44				
05/10/2018	Thr+	22	-5.754	2:26		8:02:22		13:47				
05/11/2018	Fri+	14	-1.296	2:54		8:48:15		14:52				
05/12/2018	Sat+	7	3.335	3:22	3:25:57	9:35:18	15:34:37	15:59				
05/13/2018	Sun+	3	7.915	3:51	4:35:35	10:24:20	16:03:36	17:08				
05/14/2018	Mon+	0	12.168	4:23	5:47:41	11:16:05	16:35:57	18:20				
05/15/2018	Tue+	1	15.775	4:59	7:01:35	12:11:01	17:13:25	19:33				
05/16/2018	Wed+	4	18.412	5:41	8:15:29	13:09:05	17:57:50	20:45				
05/17/2018	Thr+	10	19.810	6:30	9:26:21	14:09:30	18:50:30	21:53				
05/18/2018	Fri+	18	19.821	7:27	10:30:51	15:10:44	19:51:27	22:53				
05/19/2018	Sat+	28	18.459	8:31	11:26:43	16:11:00	20:58:54	23:45				
05/20/2018	Sun+	39	15.885	9:40	12:13:38	17:08:50	22:09:55					
05/21/2018	Mon+	50	12.357					0:29	10:51	12:52:54	18:03:31	23:21:46
05/22/2018	Tue+	61	8.162					1:06	12:01	13:26:24	18:55:09	
05/23/2018	Wed+	72	3.584				0:32:44	1:39	13:10	13:56:03	19:44:16	
05/24/2018	Thr+	81	-1.122				1:42:08	2:08	14:17	14:23:29	20:31:39	
05/25/2018	Fri+	88	-5.727					2:37	15:23		21:18:09	
05/26/2018	Sat+	94	-10.024					3:04	16:28		22:04:29	
05/27/2018	Sun+	98	-13.831					3:33	17:32		22:51:13	
05/28/2018	Mon+	100	-16.982					4:04	18:34		23:38:40	
05/29/2018	Tue+	100	-19.345					4:38	19:34			
05/30/2018	Wed+	98	-20.824			0:26:51		5:17	20:30			
05/31/2018	Thr+	94	-21.368			1:15:33		6:00	21:22			
06/01/2018	Fri+	89	-20.978			2:04:17		6:47	22:08			
06/02/2018	Sat+	82	-19.699			2:52:33		7:39	22:49			
06/03/2018	Sun+	74	-17.606			3:39:56		8:34	23:26			
06/04/2018	Mon+	65	-14.795			4:26:14		9:32	23:58			
06/05/2018	Tue+	56	-11.375			5:11:32		10:31				
06/06/2018	Wed+	46	-7.456	0:27		5:56:11		11:32				
06/07/2018	Thr+	36	-3.163	0:55		6:40:47		12:35				
06/08/2018	Fri+	27	1.361	1:22		7:26:05	13:35:02	13:39				
06/09/2018	Sat+	18	5.936	1:50	2:14:06	8:12:59	14:02:10	14:46				
06/10/2018	Sun+	10	10.332	2:19	3:23:48	9:02:24	14:31:58	15:56				
06/11/2018	Mon+	4	14.258	2:52	4:36:18	9:55:11	15:06:10	17:08				
06/12/2018	Tue+	1	17.380	3:31	5:50:40	10:51:49	15:46:49	18:22				
06/13/2018	Wed+	0	19.367	4:17	7:04:34	11:52:03	16:35:51	19:33				
06/14/2018	Thr+	3	19.970	5:11	8:14:21	12:54:40	17:34:20	20:39				
06/15/2018	Fri+	8	19.104	6:14	9:16:26	13:57:38	18:41:18	21:37				
06/16/2018	Sat+	16	16.876	7:24	10:09:05	14:58:49	19:53:46	22:26				
06/17/2018	Sun+	25	13.543	8:36	10:52:44	15:56:46	21:08:04	23:07				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
06/18/2018	Mon+	36	9.431	9:49	11:29:12	16:51:02	22:21:30	23:42				
06/19/2018	Tue+	47	4.864	11:00	12:00:38	17:41:56	23:32:49					
06/20/2018	Wed+	58	0.128					0:13	12:09	12:28:55	18:30:18	
06/21/2018	Thr+	68	-4.537					0:42	13:16		19:17:03	
06/22/2018	Fri+	77	-8.930					1:09	14:21		20:03:05	
06/23/2018	Sat+	85	-12.877					1:38	15:24		20:49:10	
06/24/2018	Sun+	91	-16.223					2:07	16:26		21:35:48	
06/25/2018	Mon+	96	-18.831					2:40	17:26		22:23:14	
06/26/2018	Tue+	99	-20.594					3:16	18:24		23:11:26	
06/27/2018	Wed+	100	-21.438					3:57	19:17			
06/28/2018	Thr+	99	-21.339			0:00:01		4:42	20:05			
06/29/2018	Fri+	97	-20.321			0:48:28		5:33	20:49			
06/30/2018	Sat+	92	-18.452			1:36:15		6:27	21:27			
07/01/2018	Sun+	87	-15.831			2:22:58		7:24	22:00			
07/02/2018	Mon+	79	-12.577			3:08:29		8:23	22:30			
07/03/2018	Tue+	71	-8.813			3:52:58		9:22	22:58			
07/04/2018	Wed+	62	-4.667			4:36:53		10:23	23:25			
07/05/2018	Thr+	52	-0.276			5:20:51		11:26	23:51	23:58:21		
07/06/2018	Fri+	41	4.206			6:05:44	12:03:29	12:30				
07/07/2018	Sat+	31	8.592	0:19	1:04:52	6:52:28	12:30:56	13:36				
07/08/2018	Sun+	21	12.645	0:49	2:14:00	7:42:02	13:01:47	14:45				
07/09/2018	Mon+	13	16.078	1:24	3:25:42	8:35:18	13:37:55	15:57				
07/10/2018	Tue+	6	18.564	2:05	4:38:48	9:32:41	14:21:34	17:08				
07/11/2018	Wed+	1	19.798	2:54	5:50:36	10:33:48	15:14:41	18:18				
07/12/2018	Thr+	0	19.581	3:52	6:57:24	11:37:12	16:17:52	19:21				
07/13/2018	Fri+	2	17.895	5:00	7:56:01	12:40:41	17:29:19	20:15				
07/14/2018	Sat+	6	14.919	6:13	8:45:20	13:42:04	18:45:20	21:01				
07/15/2018	Sun+	13	10.971	7:29	9:26:21	14:40:00	20:02:03	21:40				
07/16/2018	Mon+	22	6.414	8:43	10:01:01	15:34:13	21:16:57	22:14				
07/17/2018	Tue+	32	1.592	9:55	10:31:27	16:25:10	22:29:07	22:44				
07/18/2018	Wed+	43	-3.208	11:05		17:13:43		23:13				
07/19/2018	Thr+	54	-7.757	12:12		18:00:48		23:41				
07/20/2018	Fri+	64	-11.873	13:16		18:47:16						
07/21/2018	Sat+	73	-15.405					0:11	14:19		19:33:49	
07/22/2018	Sun+	81	-18.226					0:42	15:20		20:20:53	
07/23/2018	Mon+	88	-20.229					1:17	16:18		21:08:36	
07/24/2018	Tue+	94	-21.337					1:56	17:13		21:56:52	
07/25/2018	Wed+	97	-21.507					2:40	18:03		22:45:15	
07/26/2018	Thr+	100	-20.743					3:28	18:48		23:33:15	
07/27/2018	Fri+	100	-19.094					4:21	19:27			
07/28/2018	Sat+	98	-16.650			0:20:25		5:18	20:02			
07/29/2018	Sun+	95	-13.528			1:06:28		6:16	20:34			
07/30/2018	Mon+	90	-9.863			1:51:22		7:16	21:02			
07/31/2018	Tue+	84	-5.795			2:35:23		8:16	21:29			
08/01/2018	Wed+	76	-1.471			3:19:00		9:17	21:55			
08/02/2018	Thr+	67	2.954			4:02:54	10:07:12	10:20	22:22	22:53:27		
08/03/2018	Fri+	56	7.306			4:47:54	10:33:13	11:24	22:50	23:59:48		
08/04/2018	Sat+	46	11.386			5:34:57	11:01:39	12:30	23:21			
08/05/2018	Sun+	35	14.952		1:08:18	6:24:55	11:34:11	13:38	23:58			
08/06/2018	Mon+	24	17.730		2:18:30	7:18:33	12:12:48	14:48				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM	9PM	Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
08/07/2018	Tue+	15	19.431	0:41	3:28:53	8:16:03	12:59:40	15:56				
08/08/2018	Wed+	8	19.813	1:34	4:36:39	9:16:53	13:56:24	17:01				
08/09/2018	Thr+	2	18.756	2:36	5:38:32	10:19:32	15:02:57	18:00				
08/10/2018	Fri+	0	16.313	3:46	6:32:20	11:21:58	16:16:57	18:50				
08/11/2018	Sat+	1	12.712	5:01	7:17:45	12:22:20	17:34:34	19:33				
08/12/2018	Sun+	5	8.294	6:18	7:56:06	13:19:34	18:52:20	20:10				
08/13/2018	Mon+	11	3.431	7:33	8:29:17	14:13:34	20:08:08	20:43				
08/14/2018	Tue+	19	-1.531	8:46	8:59:10	15:04:46		21:13				
08/15/2018	Wed+	28	-6.309	9:56		15:53:59		21:42				
08/16/2018	Thr+	38	-10.677	11:04		16:42:00		22:12				
08/17/2018	Fri+	49	-14.464	12:09		17:29:32		22:43				
08/18/2018	Sat+	58	-17.537	13:12		18:17:07		23:17				
08/19/2018	Sun+	68	-19.794	14:12		19:05:02		23:55				
08/20/2018	Mon+	77	-21.160	15:08		19:53:17						
08/21/2018	Tue+	84	-21.591					0:37	15:59		20:41:40	
08/22/2018	Wed+	90	-21.082					1:24	16:46		21:29:48	
08/23/2018	Thr+	95	-19.663					2:16	17:27		22:17:17	
08/24/2018	Fri+	98	-17.408					3:11	18:04		23:03:49	
08/25/2018	Sat+	100	-14.422					4:09	18:36		23:49:18	
08/26/2018	Sun+	100	-10.834					5:09	19:06			
08/27/2018	Mon+	97	-6.793			0:33:52		6:09	19:33			
08/28/2018	Tue+	93	-2.456			1:17:52		7:11	19:59			
08/29/2018	Wed+	87	2.006			2:01:49	8:11:44	8:13	20:26	20:46:17		
08/30/2018	Thr+	80	6.411			2:46:25	8:37:13	9:17	20:53	21:51:47		
08/31/2018	Fri+	71	10.559			3:32:25	9:04:26	10:22	21:23	22:58:47		
09/01/2018	Sat+	60	14.229			4:20:38	9:34:50	11:28	21:57			
09/02/2018	Sun+	49	17.178		0:07:03	5:11:44	10:10:09	12:36	22:36			
09/03/2018	Mon+	38	19.159		1:15:36	6:06:07	10:52:18	13:43	23:23			
09/04/2018	Tue+	27	19.949		2:22:22	7:03:40	11:43:06	14:47				
09/05/2018	Wed+	18	19.401	0:19	3:24:43	8:03:33	12:43:24	15:46				
09/06/2018	Thr+	10	17.496	1:24	4:20:19	9:04:19	13:52:15	16:39				
09/07/2018	Fri+	4	14.363	2:35	5:08:14	10:04:20	15:06:59	17:24				
09/08/2018	Sat+	1	10.258	3:50	5:49:05	11:02:23	16:24:16	18:03				
09/09/2018	Sun+	0	5.517	5:07	6:24:20	11:57:54	17:41:26	18:38				
09/10/2018	Mon+	3	0.491	6:22	6:55:48	12:50:58	18:56:58	19:09				
09/11/2018	Tue+	8	-4.492	7:34		13:42:03		19:40				
09/12/2018	Wed+	15	-9.153	8:45		14:31:49		20:10				
09/13/2018	Thr+	23	-13.272	9:53		15:20:52		20:41				
09/14/2018	Fri+	33	-16.683	10:59		16:09:42		21:14				
09/15/2018	Sat+	42	-19.266	12:01		16:58:33		21:51				
09/16/2018	Sun+	52	-20.941	13:00		17:47:29		22:32				
09/17/2018	Mon+	62	-21.666	13:54		18:36:21		23:18				
09/18/2018	Tue+	70	-21.434	14:43		19:24:50						
09/19/2018	Wed+	79	-20.273					0:08	15:26		20:12:38	
09/20/2018	Thr+	86	-18.245					1:02	16:04		20:59:30	
09/21/2018	Fri+	92	-15.439					2:00	16:38		21:45:23	
09/22/2018	Sat+	96	-11.970					2:59	17:08		22:30:24	
09/23/2018	Sun+	99	-7.974					4:00	17:36		23:14:51	
09/24/2018	Mon+	100	-3.608					5:02	18:03		23:59:14	
09/25/2018	Tue+	99	0.950					6:05	18:29	18:37:41		

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	9PM			
		Illum.	Decl.						Rise	East	Transit	West
09/26/2018	Wed+	95	5.503			0:44:08	6:40:51	7:09	18:56	19:43:47		
09/27/2018	Thr+	90	9.832			1:30:13	7:07:35	8:14	19:25	20:51:15		
09/28/2018	Fri+	83	13.701			2:18:10	7:36:58	9:21	19:58	21:59:48		
09/29/2018	Sat+	74	16.864			3:08:34	8:10:34	10:29	20:35	23:08:27		
09/30/2018	Sun+	64	19.080			4:01:46	8:50:06	11:36	21:19			
10/01/2018	Mon+	53	20.149		0:15:22	4:57:39	9:37:15	12:40	22:11			
10/02/2018	Tue+	41	19.939		1:18:07	5:55:34	10:33:02	13:40	23:11			
10/03/2018	Wed+	30	18.425		2:14:30	6:54:24	11:37:08	14:33				
10/04/2018	Thr+	20	15.699	0:18	3:03:26	7:52:49	12:47:40	15:19				
10/05/2018	Fri+	12	11.959	1:30	3:45:16	8:49:47	14:01:55	15:59				
10/06/2018	Sat+	5	7.475	2:44	4:21:20	9:44:45	15:17:27	16:34				
10/07/2018	Sun+	1	2.556	3:58	4:53:16	10:37:42	16:32:36	17:06				
10/08/2018	Mon+	0	-2.483	5:11	5:22:42	11:29:03		17:36				
10/09/2018	Tue+	1	-7.348	6:23		12:19:20		18:06				
10/10/2018	Wed+	5	-11.780	7:33		13:09:07		18:37				
10/11/2018	Thr+	11	-15.565	8:41		13:58:50		19:10				
10/12/2018	Fri+	18	-18.543	9:47		14:48:41		19:45				
10/13/2018	Sat+	26	-20.603	10:49		15:38:38		20:25				
10/14/2018	Sun+	35	-21.687	11:46		16:28:27		21:10				
10/15/2018	Mon+	45	-21.785	12:37		17:17:46		21:59				
10/16/2018	Tue+	54	-20.925	13:23		18:06:12		22:52				
10/17/2018	Wed+	63	-19.171	14:03		18:53:31		23:48				
10/18/2018	Thr+	72	-16.606	14:38		19:39:38						
10/19/2018	Fri+	80	-13.334					0:47	15:09		20:24:46	
10/20/2018	Sat+	87	-9.474					1:47	15:38		21:09:15	
10/21/2018	Sun+	93	-5.161					2:49	16:05		21:53:36	
10/22/2018	Mon+	97	-0.558					3:51	16:31		22:38:29	
10/23/2018	Tue+	99	4.143				4:43:04	4:56	16:58	17:30:22	23:24:36	
10/24/2018	Wed+	100	8.715				5:09:15	6:02	17:26	18:38:43		
10/25/2018	Thr+	97	12.897			0:12:39	5:37:48	7:10	17:58	19:48:41		
10/26/2018	Fri+	93	16.407			1:03:13	6:10:12	8:19	18:34	20:59:18		
10/27/2018	Sat+	86	18.971			1:56:39	6:48:10	9:28	19:16	22:08:37		
10/28/2018	Sun+	77	20.363			2:52:47	7:33:22	10:35	20:06	23:13:57		
10/29/2018	Mon+	67	20.448			3:50:52	8:26:55	11:37	21:04			
10/30/2018	Tue+	56	19.209		0:12:41	4:49:40	9:28:38	12:32	22:09			
10/31/2018	Wed+	45	16.752		1:03:26	5:47:48	10:36:46	13:20	23:18			
11/01/2018	Thr+	34	13.275		1:46:26	6:44:10	11:48:44	14:00				
11/02/2018	Fri+	23	9.029	0:30	2:23:01	7:38:18	13:02:08	14:36				
11/03/2018	Sat+	15	4.289	1:42	2:54:57	8:30:16	14:15:27	15:07				
11/04/2018	Sun	8	-0.666	2:54	3:23:57	9:20:35	15:28:00	15:37				
11/05/2018	Mon	3	-5.570	4:04		10:09:55		16:05				
11/06/2018	Tue	0	-10.169	5:14		10:58:56		16:35				
11/07/2018	Wed	0	-14.235	6:23		11:48:10		17:06				
11/08/2018	Thr	3	-17.574	7:30		12:37:57		17:40				
11/09/2018	Fri	7	-20.035	8:34		13:28:16		18:18				
11/10/2018	Sat	13	-21.524	9:34		14:18:48		19:01				
11/11/2018	Sun	20	-22.003	10:29		15:09:04		19:49				
11/12/2018	Mon	28	-21.490	11:18		15:58:28		20:40				
11/13/2018	Tue	37	-20.047	12:01		16:46:34		21:36				
11/14/2018	Wed	46	-17.765	12:38		17:33:11		22:34				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM	9PM	Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
11/15/2018	Thr	55	-14.749	13:10		18:18:24		23:33				
11/16/2018	Fri	65	-11.112	13:39		19:02:37						
11/17/2018	Sat	74	-6.975					0:33	14:06		19:46:22	
11/18/2018	Sun	82	-2.470					1:35	14:32		20:30:24	
11/19/2018	Mon	89	2.242					2:38	14:58	15:11:30	21:15:32	
11/20/2018	Tue	95	6.962				3:09:39	3:43	15:25	16:19:08	22:02:37	
11/21/2018	Wed	98	11.440				3:36:46	4:51	15:55	17:29:12	22:52:27	
11/22/2018	Thr	100	15.375				4:07:20	6:00	16:29	18:41:13	23:45:37	
11/23/2018	Fri	99	18.442				4:43:09	7:12	17:10	19:53:31		
11/24/2018	Sat	95	20.341			0:42:12	5:26:08	8:22	17:58	21:03:10		
11/25/2018	Sun	89	20.865			1:41:32	6:17:50	9:29	18:54	22:06:47		
11/26/2018	Mon	81	19.959			2:42:09	7:18:29	10:28	19:59	23:01:57		
11/27/2018	Tue	71	17.731			3:42:16	8:26:28	11:20	21:09	23:48:13		
11/28/2018	Wed	60	14.409			4:40:20	9:38:43	12:03	22:21			
11/29/2018	Thr	48	10.281		0:26:50	5:35:31	10:52:18	12:40	23:33			
11/30/2018	Fri	37	5.639		0:59:45	6:27:49	12:05:18	13:12				
12/01/2018	Sat	27	0.757	0:44	1:28:54	7:17:47	13:17:01	13:41				
12/02/2018	Sun	18	-4.116	1:53	1:55:59	8:06:13		14:09				
12/03/2018	Mon	11	-8.754	3:02		8:54:01		14:37				
12/04/2018	Tue	5	-12.950	4:09		9:41:55		15:06				
12/05/2018	Wed	1	-16.513	5:16		10:30:29		15:38				
12/06/2018	Thr	0	-19.278	6:21		11:19:56		16:14				
12/07/2018	Fri	1	-21.122	7:23		12:10:09		16:54				
12/08/2018	Sat	3	-21.971	8:20		13:00:39		17:40				
12/09/2018	Sun	8	-21.814	9:12		13:50:43		18:30				
12/10/2018	Mon	14	-20.695	9:57		14:39:42		19:25				
12/11/2018	Tue	21	-18.702	10:37		15:27:07		20:22				
12/12/2018	Wed	29	-15.948	11:11		16:12:51		21:20				
12/13/2018	Thr	38	-12.554	11:41		16:57:06		22:20				
12/14/2018	Fri	47	-8.642	12:08		17:40:20		23:20				
12/15/2018	Sat	57	-4.335	12:34		18:23:17						
12/16/2018	Sun	66	0.234					0:21	12:59		19:06:46	
12/17/2018	Mon	76	4.908				1:10:39	1:24	13:25	13:58:02	19:51:45	
12/18/2018	Tue	84	9.488				1:35:56	2:29	13:52	15:05:41	20:39:13	
12/19/2018	Wed	91	13.714				2:03:55	3:37	14:24	16:16:07	21:30:07	
12/20/2018	Thr	96	17.268				2:36:23	4:47	15:01	17:28:38	22:25:01	
12/21/2018	Fri	99	19.796				3:15:24	5:59	15:45	18:41:03	23:23:53	
12/22/2018	Sat	100	20.986				4:03:08	7:09	16:38	19:49:49		
12/23/2018	Sun	97	20.657			0:25:40	5:00:57	8:14	17:41	20:51:17		
12/24/2018	Mon	92	18.828			1:28:24	6:08:11	9:11	18:51	21:43:25		
12/25/2018	Tue	84	15.712			2:29:52	7:21:50	10:00	20:06	22:26:34		
12/26/2018	Wed	74	11.640			3:28:26	8:38:01	10:41	21:20	23:02:33		
12/27/2018	Thr	64	6.970			4:23:29	9:53:40	11:15	22:34	23:33:31		
12/28/2018	Fri	53	2.028			5:15:18	11:07:20	11:46	23:45			
12/29/2018	Sat	42	-2.909		0:01:27	6:04:41		12:14				
12/30/2018	Sun	31	-7.614	0:54		6:52:34		12:42				
12/31/2018	Mon	22	-11.896	2:01		7:39:55		13:10				
01/01/2019	Tue	14	-15.584	3:07		8:27:29		13:41				
01/02/2019	Wed	8	-18.532	4:12		9:15:47		14:14				
01/03/2019	Thr	3	-20.615	5:14		10:04:58		14:52				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
01/04/2019	Fri	1	-21.747	6:12		10:54:49		15:35				
01/05/2019	Sat	0	-21.890	7:06		11:44:45		16:24				
01/06/2019	Sun	1	-21.063	7:54		12:34:06		17:16				
01/07/2019	Mon	4	-19.335	8:35		13:22:11		18:13				
01/08/2019	Tue	8	-16.812	9:12		14:08:38		19:11				
01/09/2019	Wed	14	-13.622	9:43		14:53:24		20:10				
01/10/2019	Thr	22	-9.897	10:11		15:36:45		21:10				
01/11/2019	Fri	30	-5.768	10:37		16:19:13		22:10				
01/12/2019	Sat	39	-1.365	11:02		17:01:33		23:10				
01/13/2019	Sun	49	3.172	11:26	11:42:25	17:44:38	23:37:20					
01/14/2019	Mon	59	7.684					0:13	11:52	12:46:57	18:29:26	
01/15/2019	Tue	69	11.971				0:03:00	1:17	12:21	13:53:53	19:17:00	
01/16/2019	Wed	79	15.775				0:32:01	2:24	12:53	15:03:22	20:08:15	
01/17/2019	Thr	87	18.782				1:06:19	3:33	13:32	16:14:26	21:03:46	
01/18/2019	Fri	94	20.650				1:48:13	4:43	14:20	17:24:42	22:03:26	
01/19/2019	Sat	98	21.085				2:39:54	5:51	15:17	18:30:32	23:06:01	
01/20/2019	Sun	100	19.942				3:42:27	6:53	16:25	19:28:39		
01/21/2019	Mon	99	17.299			0:09:27	4:54:26	7:48	17:39	20:17:41		
01/22/2019	Tue	94	13.437			1:11:27	6:12:09	8:33	18:57	20:58:28		
01/23/2019	Wed	87	8.752			2:10:27	7:31:24	9:12	20:14	21:32:55		
01/24/2019	Thr	79	3.651			3:05:58	8:49:17	9:46	21:29	22:03:11		
01/25/2019	Fri	69	-1.507			3:58:21	10:04:33	10:16	22:42			
01/26/2019	Sat	58	-6.439			4:48:24		10:45	23:51			
01/27/2019	Sun	47	-10.926			5:37:05		11:14				
01/28/2019	Mon	37	-14.797	0:59		6:25:14		11:44				
01/29/2019	Tue	27	-17.919	2:05		7:13:31		12:16				
01/30/2019	Wed	19	-20.185	3:07		8:02:18		12:53				
01/31/2019	Thr	12	-21.520	4:07		8:51:36		13:34				
02/01/2019	Fri	6	-21.886	5:02		9:41:07		14:20				
02/02/2019	Sat	3	-21.289	5:51		10:30:20		15:11				
02/03/2019	Sun	0	-19.780	6:35		11:18:38		16:06				
02/04/2019	Mon	0	-17.451	7:12		12:05:35		17:03				
02/05/2019	Tue	2	-14.421	7:45		12:50:56		18:03				
02/06/2019	Wed	5	-10.823	8:14		13:34:48		19:02				
02/07/2019	Thr	10	-6.797	8:41		14:17:32		20:02				
02/08/2019	Fri	16	-2.485	9:06		14:59:40		21:02				
02/09/2019	Sat	24	1.972	9:30	9:33:21	15:41:58	21:41:01	22:03				
02/10/2019	Sun	32	6.420	9:55	10:36:11	16:25:14	22:05:18	23:06				
02/11/2019	Mon	42	10.686	10:21	11:40:37	17:10:26	22:32:00					
02/12/2019	Tue	53	14.561					0:10	10:51	12:46:59	17:58:26	23:02:43
02/13/2019	Wed	63	17.794					1:16	11:26	13:55:00	18:50:03	23:39:28
02/14/2019	Thr	73	20.091					2:23	12:07	15:03:20	19:45:39	
02/15/2019	Fri	83	21.157				0:24:30	3:30	12:58	16:09:26	20:44:55	
02/16/2019	Sat	91	20.763				1:19:42	4:33	13:59	17:10:11	21:46:37	
02/17/2019	Sun	97	18.829				2:25:31	5:31	15:09	18:03:17	22:48:52	
02/18/2019	Mon	100	15.482				3:40:00	6:21	16:25	18:48:17	23:49:47	
02/19/2019	Tue	100	11.031				4:59:24	7:03	17:44	19:26:22		
02/20/2019	Wed	96	5.892			0:48:11	6:19:57	7:40	19:03	19:59:24		
02/21/2019	Thr	91	0.492			1:43:43	7:39:12	8:13	20:19	20:29:18		
02/22/2019	Fri	83	-4.791			2:36:46		8:43	21:33			

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM	9PM	Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
02/23/2019	Sat	74	-9.658			3:28:02		9:13	22:45			
02/24/2019	Sun	64	-13.886			4:18:14		9:43	23:53			
02/25/2019	Mon	53	-17.318			5:08:03		10:16				
02/26/2019	Tue	43	-19.847	0:59		5:57:52		10:52				
02/27/2019	Wed	34	-21.410	2:01		6:47:48		11:32				
02/28/2019	Thr	25	-21.983	2:58		7:37:40		12:16				
03/01/2019	Fri	17	-21.581	3:49		8:27:05		13:06				
03/02/2019	Sat	11	-20.257	4:34		9:15:37		14:00				
03/03/2019	Sun	6	-18.094	5:13		10:02:52		14:57				
03/04/2019	Mon	2	-15.202	5:48		10:48:39		15:55				
03/05/2019	Tue	0	-11.704	6:18		11:33:00		16:55				
03/06/2019	Wed	0	-7.739	6:45		12:16:10		17:55				
03/07/2019	Thr	2	-3.450	7:10		12:58:39		18:56				
03/08/2019	Fri	6	1.013	7:34		13:41:01	19:45:38	19:57				
03/09/2019	Sat	11	5.489	7:59	8:29:24	14:24:00	20:09:22	20:59				
03/10/2019	Sun+	18	9.802	8:25	9:33:19	15:08:22	20:34:54	22:02				
03/11/2019	Mon+	27	13.755	8:53	10:38:38	15:54:53	21:03:38	23:07				
03/12/2019	Tue+	37	17.123	9:25	11:45:08	16:44:16	21:37:16					
03/13/2019	Wed+	47	19.658					0:13	10:03	12:51:52	17:36:55	22:17:45
03/14/2019	Thr+	58	21.105					1:18	10:48	13:56:56	18:32:51	23:06:59
03/15/2019	Fri+	69	21.243					2:21	11:43	14:57:45	19:31:22	
03/16/2019	Sat+	79	19.944				0:06:04	3:18	12:46	15:52:06	20:31:14	
03/17/2019	Sun+	88	17.225				1:14:26	4:10	13:58	16:39:01	21:30:56	
03/18/2019	Mon+	95	13.265				2:29:40	4:54	15:14	17:19:04	22:29:16	
03/19/2019	Tue+	99	8.381				3:48:31	5:33	16:32	17:53:44	23:25:38	
03/20/2019	Wed+	100	2.968				5:08:13	6:07	17:50	18:24:48		
03/21/2019	Thr+	98	-2.563			0:20:03	6:27:04	6:38	19:06			
03/22/2019	Fri+	94	-7.835			1:12:58		7:09	20:21			
03/23/2019	Sat+	87	-12.542			2:04:58		7:39	21:34			
03/24/2019	Sun+	79	-16.452			2:56:36		8:11	22:43			
03/25/2019	Mon+	70	-19.411			3:48:09		8:47	23:49			
03/26/2019	Tue+	60	-21.336			4:39:43		9:26				
03/27/2019	Wed+	50	-22.202	0:50		5:31:01		10:10				
03/28/2019	Thr+	41	-22.039	1:44		6:21:39		10:59				
03/29/2019	Fri+	31	-20.912	2:32		7:11:09		11:52				
03/30/2019	Sat+	23	-18.916	3:14		7:59:08		12:48				
03/31/2019	Sun+	16	-16.164	3:49		8:45:28		13:47				
04/01/2019	Mon+	9	-12.775	4:21		9:30:13		14:46				
04/02/2019	Tue+	5	-8.880	4:48		10:13:44		15:47				
04/03/2019	Wed+	2	-4.612	5:14		10:56:28		16:47				
04/04/2019	Thr+	0	-0.119	5:39		11:39:02		17:49				
04/05/2019	Fri+	1	4.438	6:03	6:21:06	12:22:07	18:13:30	18:51				
04/06/2019	Sat+	3	8.876	6:28	7:25:31	13:06:26	18:38:23	19:55				
04/07/2019	Sun+	8	12.990	6:55	8:31:21	13:52:41	19:06:01	21:00				
04/08/2019	Mon+	15	16.551	7:26	9:38:21	14:41:30	19:37:58	22:06				
04/09/2019	Tue+	23	19.315	8:02	10:45:34	15:33:14	20:15:59	23:12				
04/10/2019	Wed+	32	21.041	8:45	11:51:11	16:27:48	21:01:48					
04/11/2019	Thr+	43	21.530					0:15	9:35	12:52:44	17:24:38	21:56:37
04/12/2019	Fri+	54	20.660					1:14	10:35	13:47:59	18:22:39	23:00:16
04/13/2019	Sat+	66	18.426					2:06	11:42	14:35:48	19:20:34	

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM	9PM	Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
04/14/2019	Sun+	76	14.950				0:11:00	2:51	12:54	15:16:35	20:17:22	
04/15/2019	Mon+	85	10.468				1:26:08	3:30	14:09	15:51:41	21:12:33	
04/16/2019	Tue+	93	5.295				2:43:13	4:04	15:25	16:22:48	22:06:07	
04/17/2019	Wed+	97	-0.210				4:00:36	4:35	16:40	16:51:39	22:58:31	
04/18/2019	Thr+	100	-5.676					5:05	17:55		23:50:23	
04/19/2019	Fri+	99	-10.759					5:35	19:09			
04/20/2019	Sat+	96	-15.159			0:42:15		6:06	20:22			
04/21/2019	Sun+	91	-18.647			1:34:31		6:40	21:31			
04/22/2019	Mon+	84	-21.073			2:27:13		7:18	22:36			
04/23/2019	Tue+	76	-22.373			3:20:02		8:01	23:35			
04/24/2019	Wed+	67	-22.558			4:12:22		8:49				
04/25/2019	Thr+	57	-21.703	0:27		5:03:33		9:41				
04/26/2019	Fri+	48	-19.917	1:12		5:52:59		10:37				
04/27/2019	Sat+	39	-17.331	1:50		6:40:26		11:36				
04/28/2019	Sun+	30	-14.077	2:23		7:25:56		12:35				
04/29/2019	Mon+	21	-10.285	2:52		8:09:49		13:35				
04/30/2019	Tue+	14	-6.082	3:18		8:52:40		14:36				
05/01/2019	Wed+	8	-1.603	3:42		9:35:07		15:37				
05/02/2019	Thr+	4	3.003	4:06	4:08:52	10:17:57	16:17:04	16:40				
05/03/2019	Fri+	1	7.564	4:31	5:13:20	11:01:58	16:41:11	17:44				
05/04/2019	Sat+	0	11.874	4:57	6:19:34	11:47:58	17:07:45	18:49				
05/05/2019	Sun+	2	15.696	5:27	7:27:30	12:36:36	17:38:16	19:57				
05/06/2019	Mon+	6	18.765	6:01	8:36:21	13:28:17	18:14:28	21:04				
05/07/2019	Tue+	12	20.822	6:42	9:44:15	14:22:58	18:58:10	22:10				
05/08/2019	Wed+	20	21.649	7:31	10:48:30	15:20:01	19:50:41	23:11				
05/09/2019	Thr+	29	21.119	8:28	11:46:23	16:18:11	20:52:02					
05/10/2019	Fri+	40	19.227					0:05	9:33	12:36:22	17:16:02	22:00:32
05/11/2019	Sat+	51	16.094					0:52	10:43	13:18:33	18:12:27	23:13:31
05/12/2019	Sun+	63	11.938					1:32	11:56	13:54:18	19:06:50	
05/13/2019	Mon+	74	7.042				0:28:25	2:06	13:09	14:25:25	19:59:18	
05/14/2019	Tue+	83	1.717				1:43:37	2:37	14:23	14:53:42	20:50:20	
05/15/2019	Wed+	91	-3.715				2:58:29	3:06	15:36		21:40:43	
05/16/2019	Thr+	96	-8.934					3:35	16:49		22:31:13	
05/17/2019	Fri+	99	-13.637					4:04	18:01		23:22:24	
05/18/2019	Sat+	100	-17.557					4:36	19:11			
05/19/2019	Sun+	98	-20.484			0:14:35		5:11	20:19			
05/20/2019	Mon+	94	-22.286			1:07:34		5:52	21:22			
05/21/2019	Tue+	88	-22.921			2:00:48		6:38	22:18			
05/22/2019	Wed+	81	-22.433			2:53:22		7:29	23:07			
05/23/2019	Thr+	73	-20.931			3:44:27		8:24	23:48			
05/24/2019	Fri+	64	-18.559			4:33:26		9:23				
05/25/2019	Sat+	55	-15.469	0:23		5:20:09		10:22				
05/26/2019	Sun+	46	-11.808	0:54		6:04:47		11:23				
05/27/2019	Mon+	36	-7.710	1:21		6:47:52		12:23				
05/28/2019	Tue+	27	-3.305	1:45		7:30:07		13:24				
05/29/2019	Wed+	19	1.276	2:09		8:12:20	14:20:18	14:25				
05/30/2019	Thr+	12	5.880	2:33	2:57:43	8:55:27	14:43:29	15:28				
05/31/2019	Fri+	6	10.326	2:58	4:03:05	9:40:23	15:08:37	16:33				
06/01/2019	Sat+	2	14.387	3:26	5:10:39	10:27:59	15:37:13	17:40				
06/02/2019	Sun+	0	17.797	3:59	6:20:08	11:18:56	16:11:04	18:49				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
06/03/2019	Mon+	1	20.265	4:37	7:30:07	12:13:27	16:52:10	19:57				
06/04/2019	Tue+	4	21.527	5:23	8:37:55	13:11:06	17:42:17	21:02				
06/05/2019	Wed+	9	21.404	6:19	9:40:11	14:10:35	18:42:00	22:01				
06/06/2019	Thr+	17	19.855	7:23	10:34:23	15:10:09	19:49:56	22:51				
06/07/2019	Fri+	27	16.995	8:33	11:19:54	16:08:12	21:03:03	23:34				
06/08/2019	Sat+	38	13.056	9:46	11:57:51	17:03:45	22:18:11					
06/09/2019	Sun+	49	8.334					0:10	11:00	12:30:09	17:56:41	23:33:13
06/10/2019	Mon+	61	3.144					0:42	12:13	12:58:45	18:47:29	
06/11/2019	Tue+	71	-2.208				0:47:17	1:11	13:25	13:25:25	19:37:00	
06/12/2019	Wed+	81	-7.431					1:38	14:36		20:26:07	
06/13/2019	Thr+	89	-12.250					2:06	15:47		21:15:42	
06/14/2019	Fri+	95	-16.412					2:36	16:56		22:06:18	
06/15/2019	Sat+	98	-19.691					3:09	18:04		22:58:05	
06/16/2019	Sun+	100	-21.919					3:47	19:09		23:50:45	
06/17/2019	Mon+	99	-22.997					4:30	20:08			
06/18/2019	Tue+	97	-22.918			0:43:33		5:19	21:00			
06/19/2019	Wed+	92	-21.756			1:35:30		6:13	21:45			
06/20/2019	Thr+	86	-19.647			2:25:44		7:10	22:23			
06/21/2019	Fri+	79	-16.751			3:13:44		8:10	22:55			
06/22/2019	Sat+	71	-13.236			3:59:24		9:10	23:23			
06/23/2019	Sun+	62	-9.253			4:43:05		10:10	23:48			
06/24/2019	Mon+	52	-4.942			5:25:23		11:11				
06/25/2019	Tue+	43	-0.433	0:12		6:07:05		12:11				
06/26/2019	Wed+	33	4.139	0:36	0:42:24	6:49:07	12:46:00	13:13				
06/27/2019	Thr+	24	8.618	1:00	1:45:57	7:32:26	13:09:39	14:16				
06/28/2019	Fri+	16	12.814	1:26	2:51:36	8:18:04	13:36:02	15:21				
06/29/2019	Sat+	9	16.486	1:55	3:59:38	9:06:56	14:06:51	16:29				
06/30/2019	Sun+	4	19.352	2:30	5:09:28	9:59:41	14:44:12	17:38				
07/01/2019	Mon+	1	21.113	3:13	6:19:09	10:56:23	15:30:18	18:45				
07/02/2019	Tue+	0	21.519	4:05	7:25:26	11:56:14	16:26:41	19:48				
07/03/2019	Wed+	3	20.445	5:06	8:24:51	12:57:32	17:33:03	20:44				
07/04/2019	Thr+	8	17.939	6:16	9:15:28	13:58:12	18:46:42	21:31				
07/05/2019	Fri+	15	14.216	7:31	9:57:30	14:56:35	20:03:46	22:11				
07/06/2019	Sat+	25	9.597	8:47	10:32:37	15:51:58	21:21:04	22:45				
07/07/2019	Sun+	36	4.433	10:02	11:02:57	16:44:30	22:36:56	23:15				
07/08/2019	Mon+	47	-0.937	11:16	11:30:26	17:34:54		23:43				
07/09/2019	Tue+	58	-6.209	12:27		18:24:08						
07/10/2019	Wed+	69	-11.116					0:11	13:38		19:13:08	
07/11/2019	Thr+	78	-15.423					0:40	14:47		20:02:41	
07/12/2019	Fri+	86	-18.921					1:11	15:55		20:53:12	
07/13/2019	Sat+	93	-21.441					1:46	16:59		21:44:44	
07/14/2019	Sun+	97	-22.864					2:26	18:00		22:36:48	
07/15/2019	Mon+	99	-23.145					3:12	18:54		23:28:38	
07/16/2019	Tue+	100	-22.318					4:04	19:41			
07/17/2019	Wed+	98	-20.488			0:19:18		5:00	20:21			
07/18/2019	Thr+	95	-17.804			1:08:07		5:59	20:56			
07/19/2019	Fri+	90	-14.439			1:54:42		7:00	21:25			
07/20/2019	Sat+	84	-10.560			2:39:08		8:00	21:51			
07/21/2019	Sun+	77	-6.323			3:21:49		9:00	22:16			
07/22/2019	Mon+	68	-1.871			4:03:26		10:00	22:39			

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	9PM			
		Illum.	Decl.						Rise	East	Transit	West
07/23/2019	Tue+	59	2.659			4:44:46	10:49:19	11:00	23:02	23:32:17		
07/24/2019	Wed+	49	7.125			5:26:44	11:11:50	12:02	23:26			
07/25/2019	Thr+	39	11.365		0:35:43	6:10:21	11:36:16	13:05	23:54			
07/26/2019	Fri+	29	15.177		1:41:12	6:56:34	12:04:10	14:10				
07/27/2019	Sat+	20	18.319	0:25	2:48:48	7:46:19	12:37:26	15:17				
07/28/2019	Sun+	12	20.509	1:03	3:57:32	8:40:10	13:18:19	16:24				
07/29/2019	Mon+	5	21.468	1:50	5:05:05	9:38:01	14:09:05	17:30				
07/30/2019	Tue+	1	20.987	2:46	6:08:07	10:38:49	15:10:48	18:29				
07/31/2019	Wed+	0	19.006	3:53	7:03:39	11:40:43	16:22:19	19:21				
08/01/2019	Thr+	2	15.649	5:07	7:50:33	12:41:40	17:40:07	20:05				
08/02/2019	Fri+	6	11.202	6:25	8:29:41	13:40:11	19:00:08	20:43				
08/03/2019	Sat+	13	6.041	7:44	9:02:56	14:35:46	20:19:29	21:15				
08/04/2019	Sun+	23	0.558	9:00	9:32:22	15:28:43	21:36:52	21:45				
08/05/2019	Mon+	33	-4.889	10:15		16:19:48		22:14				
08/06/2019	Tue+	44	-9.996	11:28		17:09:56		22:43				
08/07/2019	Wed+	55	-14.510	12:39		17:59:56		23:13				
08/08/2019	Thr+	65	-18.228	13:47		18:50:22		23:47				
08/09/2019	Fri+	75	-20.989	14:53		19:41:29						
08/10/2019	Sat+	83	-22.679					0:26	15:54		20:33:03	
08/11/2019	Sun+	90	-23.246					1:10	16:50		21:24:31	
08/12/2019	Mon+	95	-22.705					1:59	17:39		22:15:09	
08/13/2019	Tue+	98	-21.132					2:54	18:21		23:04:15	
08/14/2019	Wed+	100	-18.657					3:52	18:57		23:51:21	
08/15/2019	Thr+	100	-15.441					4:51	19:28			
08/16/2019	Fri+	97	-11.653			0:36:24		5:52	19:55			
08/17/2019	Sat+	94	-7.461			1:19:36		6:52	20:19			
08/18/2019	Sun+	88	-3.021			2:01:28		7:52	20:43			
08/19/2019	Mon+	82	1.517			2:42:41		8:52	21:05	21:23:04		
08/20/2019	Tue+	74	6.004			3:24:00	9:15:27	9:52	21:29	22:25:13		
08/21/2019	Wed+	65	10.285			4:06:20	9:38:36	10:54	21:55	23:28:46		
08/22/2019	Thr+	55	14.184			4:50:34	10:04:20	11:57	22:23			
08/23/2019	Fri+	44	17.491		0:34:00	5:37:35	10:34:18	13:02	22:57			
08/24/2019	Sat+	34	19.969		1:40:32	6:28:09	11:10:30	14:07	23:39			
08/25/2019	Sun+	24	21.361		2:46:55	7:22:34	11:55:11	15:12				
08/26/2019	Mon+	15	21.439	0:29	3:50:37	8:20:32	12:50:13	16:13				
08/27/2019	Tue+	8	20.065	1:30	4:48:42	9:20:53	13:56:01	17:08				
08/28/2019	Wed+	3	17.251	2:40	5:39:12	10:21:55	15:10:39	17:55				
08/29/2019	Thr+	0	13.178	3:56	6:21:56	11:21:55	16:30:31	18:36				
08/30/2019	Fri+	1	8.170	5:16	6:58:12	12:19:50	17:52:00	19:11				
08/31/2019	Sat+	5	2.624	6:35	7:29:52	13:15:23	19:12:46	19:43				
09/01/2019	Sun+	11	-3.050	7:54	7:58:50	14:08:59		20:12				
09/02/2019	Mon+	20	-8.477	9:10		15:01:18		20:42				
09/03/2019	Tue+	29	-13.347	10:24		15:53:05		21:13				
09/04/2019	Wed+	40	-17.414	11:36		16:44:53		21:47				
09/05/2019	Thr+	50	-20.501	12:45		17:36:57		22:24				
09/06/2019	Fri+	61	-22.492	13:48		18:29:11		23:07				
09/07/2019	Sat+	70	-23.340	14:46		19:21:06		23:55				
09/08/2019	Sun+	79	-23.058	15:38		20:12:06						
09/09/2019	Mon+	86	-21.721					0:48	16:21		21:01:33	
09/10/2019	Tue+	92	-19.446					1:45	16:59		21:49:03	

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM	9PM	Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
09/11/2019	Wed+	96	-16.382					2:44	17:31		22:34:32	
09/12/2019	Thr+	99	-12.690					3:45	17:59		23:18:10	
09/13/2019	Fri+	100	-8.534					4:45	18:24			
09/14/2019	Sat+	99	-4.079			0:00:24		5:45	18:47			
09/15/2019	Sun+	96	0.517			0:41:48		6:45	19:10	19:16:10		
09/16/2019	Mon+	92	5.093			1:23:04	7:20:10	7:46	19:33	20:18:11		
09/17/2019	Tue+	86	9.482			2:04:57	7:42:36	8:47	19:58	21:21:12		
09/18/2019	Wed+	79	13.506			2:48:16	8:07:02	9:49	20:25	22:25:27		
09/19/2019	Thr+	70	16.969			3:33:48	8:34:54	10:53	20:56	23:30:41		
09/20/2019	Fri+	60	19.657			4:22:11	9:07:54	11:57	21:34			
09/21/2019	Sat+	50	21.348		0:35:52	5:13:52	9:48:00	13:01	22:19			
09/22/2019	Sun+	39	21.836		1:39:00	6:08:46	10:37:09	14:01	23:13			
09/23/2019	Mon+	28	20.975		2:37:35	7:06:14	11:36:24	14:57				
09/24/2019	Tue+	18	18.722	0:17	3:29:33	8:05:05	12:45:10	15:46				
09/25/2019	Wed+	10	15.167	1:29	4:14:12	9:03:56	14:01:00	16:28				
09/26/2019	Thr+	4	10.533	2:46	4:52:17	10:01:43	15:20:45	17:05				
09/27/2019	Fri+	1	5.147	4:05	5:25:22	10:57:54	16:41:49	17:38				
09/28/2019	Sat+	0	-0.601	5:24	5:55:15	11:52:37	18:02:36	18:08				
09/29/2019	Sun+	3	-6.308	6:43		12:46:22		18:38				
09/30/2019	Mon+	8	-11.599	8:00		13:39:45		19:09				
10/01/2019	Tue+	16	-16.152	9:16		14:33:16		19:42				
10/02/2019	Wed+	25	-19.726	10:29		15:27:06		20:19				
10/03/2019	Thr+	35	-22.162	11:37		16:21:05		21:01				
10/04/2019	Fri+	45	-23.393	12:40		17:14:40		21:48				
10/05/2019	Sat+	55	-23.431	13:34		18:07:07		22:41				
10/06/2019	Sun+	64	-22.357	14:21		18:57:46		23:37				
10/07/2019	Mon+	73	-20.298	15:01		19:46:12						
10/08/2019	Tue+	81	-17.404					0:36	15:34		20:32:21	
10/09/2019	Wed+	88	-13.833					1:37	16:03		21:16:28	
10/10/2019	Thr+	93	-9.744					2:37	16:29		21:59:00	
10/11/2019	Fri+	97	-5.293					3:37	16:52		22:40:36	
10/12/2019	Sat+	99	-0.640					4:38	17:15		23:21:56	
10/13/2019	Sun+	100	4.053				5:25:22	5:39	17:38	18:10:43		
10/14/2019	Mon+	98	8.608			0:03:46	5:47:19	6:40	18:02	19:14:04		
10/15/2019	Tue+	95	12.834			0:46:52	6:10:55	7:43	18:28	20:18:38		
10/16/2019	Wed+	90	16.521			1:31:56	6:37:30	8:46	18:58	21:24:11		
10/17/2019	Thr+	83	19.452			2:19:34	7:08:34	9:51	19:33	22:29:43		
10/18/2019	Fri+	74	21.408			3:10:06	7:45:56	10:55	20:15	23:33:22		
10/19/2019	Sat+	65	22.201			4:03:28	8:31:21	11:56	21:05			
10/20/2019	Sun+	54	21.702		0:32:41	4:59:06	9:26:00	12:52	22:04			
10/21/2019	Mon+	43	19.871		1:25:35	5:55:58	10:29:42	13:42	23:11			
10/22/2019	Tue+	32	16.775		2:11:11	6:52:55	11:40:43	14:25				
10/23/2019	Wed+	22	12.581	0:24	2:49:59	7:49:00	12:56:27	15:02				
10/24/2019	Thr+	13	7.542	1:40	3:23:26	8:43:48	14:14:33	15:35				
10/25/2019	Fri+	6	1.973	2:57	3:53:15	9:37:27	15:33:32	16:05				
10/26/2019	Sat+	2	-3.770	4:14	4:21:10	10:30:26		16:35				
10/27/2019	Sun+	0	-9.317	5:32		11:23:27		17:04				
10/28/2019	Mon+	2	-14.307	6:49		12:17:06		17:36				
10/29/2019	Tue+	6	-18.429	8:05		13:11:42		18:11				
10/30/2019	Wed+	12	-21.442	9:18		14:07:05		18:51				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
10/31/2019	Thr+	20	-23.211	10:25		15:02:37		19:37				
11/01/2019	Fri+	28	-23.706	11:25		15:57:18		20:29				
11/02/2019	Sat+	38	-22.997	12:17		16:50:10		21:26				
11/03/2019	Sun	48	-21.218	13:00		17:40:30		22:25				
11/04/2019	Mon	57	-18.539	13:36		18:28:06		23:26				
11/05/2019	Tue	66	-15.131	14:07		19:13:10						
11/06/2019	Wed	75	-11.158					0:27	14:33		19:56:14	
11/07/2019	Thr	83	-6.773					1:27	14:57		20:38:00	
11/08/2019	Fri	89	-2.124					2:28	15:20		21:19:15	
11/09/2019	Sat	94	2.636					3:28	15:42	15:59:58	22:00:50	
11/10/2019	Sun	98	7.338				3:51:50	4:30	16:05	17:03:21	22:43:36	
11/11/2019	Mon	100	11.788				4:14:38	5:32	16:31	18:08:16	23:28:19	
11/12/2019	Tue	100	15.765				4:40:03	6:37	16:59	19:14:40		
11/13/2019	Wed	97	19.024			0:15:40	5:09:35	7:42	17:33	20:21:41		
11/14/2019	Thr	93	21.321			1:06:02	5:45:01	8:48	18:13	21:27:26		
11/15/2019	Fri	87	22.445			1:59:20	6:28:08	9:51	19:01	22:29:14		
11/16/2019	Sat	78	22.257			2:54:57	7:20:15	10:50	19:58	23:24:32		
11/17/2019	Sun	69	20.726			3:51:42	8:21:19	11:42	21:02			
11/18/2019	Mon	58	17.933		0:12:02	4:48:16	9:29:40	12:26	22:12			
11/19/2019	Tue	47	14.053		0:52:02	5:43:35	10:42:41	13:04	23:25			
11/20/2019	Wed	36	9.324		1:25:57	6:37:13	11:57:57	13:37				
11/21/2019	Thr	25	4.020	0:39	1:55:36	7:29:19	13:14:01	14:07				
11/22/2019	Fri	16	-1.558	1:54	2:22:44	8:20:27	14:30:23	14:35				
11/23/2019	Sat	8	-7.096	3:09		9:11:29		15:03				
11/24/2019	Sun	3	-12.269	4:24		10:03:14		15:32				
11/25/2019	Mon	0	-16.759	5:40		10:56:22		16:05				
11/26/2019	Tue	0	-20.283	6:54		11:51:04		16:42				
11/27/2019	Wed	3	-22.626	8:05		12:46:57		17:25				
11/28/2019	Thr	8	-23.681	9:10		13:43:03		18:15				
11/29/2019	Fri	14	-23.455	10:07		14:38:02		19:10				
11/30/2019	Sat	22	-22.060	10:55		15:30:46		20:10				
12/01/2019	Sun	30	-19.668	11:35		16:20:34		21:12				
12/02/2019	Mon	40	-16.473	12:08		17:07:21		22:13				
12/03/2019	Tue	49	-12.660	12:36		17:51:32		23:15				
12/04/2019	Wed	58	-8.394	13:01		18:33:47						
12/05/2019	Thr	67	-3.824					0:15	13:24		19:14:59	
12/06/2019	Fri	76	0.911					1:15	13:46	13:46:15	19:56:04	
12/07/2019	Sat	84	5.662				1:55:47	2:16	14:08	14:48:49	20:37:59	
12/08/2019	Sun	90	10.256				2:17:37	3:18	14:32	15:52:58	21:21:40	
12/09/2019	Mon	95	14.487				2:41:36	4:22	14:59	16:59:04	22:08:01	
12/10/2019	Tue	99	18.105				3:09:13	5:28	15:31	18:06:46	22:57:38	
12/11/2019	Wed	100	20.836				3:42:16	6:34	16:08	19:14:34	23:50:45	
12/12/2019	Thr	99	22.414				4:22:46	7:40	16:54	20:19:48		
12/13/2019	Fri	96	22.642			0:46:54	5:12:28	8:42	17:49	21:19:18		
12/14/2019	Sat	90	21.445			1:44:52	6:11:53	9:38	18:52	22:10:47		
12/15/2019	Sun	82	18.895			2:42:59	7:19:35	10:26	20:02	22:53:53		
12/16/2019	Mon	73	15.191			3:39:45	8:32:34	11:07	21:15	23:29:47		
12/17/2019	Tue	62	10.604			4:34:19	9:47:46	11:41	22:29			
12/18/2019	Wed	51	5.433		0:00:25	5:26:35	11:03:12	12:11	23:43			
12/19/2019	Thr	39	-0.024		0:27:42	6:17:06	12:18:08	12:39				

Times of moonrise, transit, and moonset at HVO. All dates and times are MST.

Date	DoW	9PM		Rise	East	Transit	West	9PM		Rise	East	Transit	West
		Illum.	Decl.					Set	East				
12/20/2019	Fri	28	-5.480	0:56		7:06:46		13:06					
12/21/2019	Sat	19	-10.653	2:09		7:56:34		13:34					
12/22/2019	Sun	11	-15.268	3:22		8:47:24		14:04					
12/23/2019	Mon	5	-19.062	4:35		9:39:52		14:38					
12/24/2019	Tue	1	-21.806	5:46		10:34:05		15:17					
12/25/2019	Wed	0	-23.340	6:53		11:29:28		16:03					
12/26/2019	Thr	1	-23.604	7:54		12:24:54		16:56					
12/27/2019	Fri	4	-22.646	8:46		13:19:02		17:54					
12/28/2019	Sat	9	-20.605	9:30		14:10:44		18:56					
12/29/2019	Sun	15	-17.671	10:06		14:59:27		19:58					
12/30/2019	Mon	23	-14.047	10:37		15:45:12		21:01					

+ The day-of-week is marked with a plus sign when DST may be in effect for all, or most of, the day.

MRTS3.py ver 160702a+ gglib version 160929a