

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.									
12/31/2017	Sun	98.5	19.082	15:27	18:17:16	23:04:08						
01/01/2018	Mon	99.9	19.540				03:48:47	06:45	16:27	19:24:28		
01/02/2018	Tue	98.3	18.500			00:08:03	04:52:31	07:48	17:34	20:23:00		
01/03/2018	Wed	93.7	16.122			01:11:13	06:03:17	08:43	18:46	21:12:05		
01/04/2018	Thr	86.8	12.719			02:11:38	07:17:24	09:28	19:59	21:52:53		
01/05/2018	Fri	78.1	8.650			03:08:13	08:31:24	10:07	21:11	22:27:26		
01/06/2018	Sat	68.3	4.247			04:00:53	09:43:13	10:40	22:20	22:57:44		
01/07/2018	Sun	58.0	-0.222			04:50:14	10:52:12	11:11	23:26			
01/08/2018	Mon	47.8	-4.554			05:37:09		11:39				
01/09/2018	Tue	37.9	-8.589	00:30		06:22:34		12:07				
01/10/2018	Wed	28.7	-12.199	01:32		07:07:23		12:35				
01/11/2018	Thr	20.4	-15.273	02:33		07:52:18		13:06				
01/12/2018	Fri	13.3	-17.707	03:32		08:37:49		13:39				
01/13/2018	Sat	7.6	-19.410	04:29		09:24:13		14:17				
01/14/2018	Sun	3.4	-20.306	05:23		10:11:29		14:59				
01/15/2018	Mon	0.8	-20.346	06:13		10:59:20		15:45				
01/16/2018	Tue	0.0	-19.518	07:00		11:47:20		16:37				
01/17/2018	Wed	1.0	-17.850	07:41		12:35:00		17:32				
01/18/2018	Thr	3.9	-15.410	08:19		13:21:58		18:30				
01/19/2018	Fri	8.5	-12.294	08:52		14:08:06		19:30				
01/20/2018	Sat	14.8	-8.622	09:23		14:53:32		20:32				
01/21/2018	Sun	22.7	-4.531	09:51		15:38:39		21:34				
01/22/2018	Mon	31.8	-0.171	10:19		16:24:06	22:32:19	22:38				
01/23/2018	Tue	41.9	4.286	10:47	11:12:10	17:10:40	22:59:56	23:44				
01/24/2018	Wed	52.7	8.637	11:17	12:20:02	17:59:13	23:29:54					
01/25/2018	Thr	63.7	12.638					00:51	11:50	13:29:58	18:50:39	
01/26/2018	Fri	74.3	15.996				00:03:53	02:01	12:28	14:41:28	19:45:34	
01/27/2018	Sat	83.8	18.393				00:43:50	03:11	13:13	15:52:53	20:44:07	
01/28/2018	Sun	91.6	19.536				01:31:46	04:21	14:06	17:01:20	21:45:33	
01/29/2018	Mon	97.1	19.241				02:28:59	05:26	15:08	18:03:38	22:48:17	
01/30/2018	Tue	99.8	17.508				03:35:10	06:25	16:17	18:57:42	23:50:15	
01/31/2018	Wed	99.5	14.532				04:47:49	07:16	17:31	19:43:22		
02/01/2018	Thr	96.3	10.642			00:49:44	06:03:16	07:59	18:45	20:21:57		
02/02/2018	Fri	90.7	6.206			01:45:49	07:18:19	08:36	19:58	20:55:18		
02/03/2018	Sat	83.3	1.567			02:38:28	08:31:09	09:09	21:08	21:25:14		
02/04/2018	Sun	74.5	-3.001			03:28:12		09:39	22:15			
02/05/2018	Mon	64.9	-7.288			04:15:49		10:08	23:20			
02/06/2018	Tue	55.0	-11.139			05:02:10		10:37				
02/07/2018	Wed	45.2	-14.435	00:22		05:47:58		11:07				
02/08/2018	Thr	35.8	-17.079	01:23		06:33:51		11:40				
02/09/2018	Fri	27.0	-18.991	02:21		07:20:14		12:16				
02/10/2018	Sat	19.1	-20.103	03:16		08:07:16		12:56				
02/11/2018	Sun	12.2	-20.370	04:08		08:54:53		13:41				
02/12/2018	Mon	6.7	-19.771	04:56		09:42:50		14:31				
02/13/2018	Tue	2.7	-18.320	05:40		10:30:45		15:25				
02/14/2018	Wed	0.5	-16.066	06:19		11:18:14		16:22				
02/15/2018	Thr	0.1	-13.096	06:54		12:05:05		17:22				
02/16/2018	Fri	1.7	-9.525	07:25		12:51:16		18:24				
02/17/2018	Sat	5.3	-5.495	07:55		13:37:01		19:27				
02/18/2018	Sun	10.8	-1.168	08:23		14:22:44		20:31				

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Date	DoW	9PM											
		Illum.	Decl.	Rise	East	Transit	West	Set	Rise	East	Transit	West	
02/19/2018	Mon	18.2	3.275	08:51	09:04:44	15:09:03	21:03:57	21:36					
02/20/2018	Tue	27.1	7.630	09:20	10:11:50	15:56:41	21:32:48	22:43					
02/21/2018	Wed	37.2	11.672	09:52	11:20:17	16:46:21	22:04:41	23:51					
02/22/2018	Thr	48.2	15.147	10:27	12:29:46	17:38:41	22:41:19						
02/23/2018	Fri	59.5	17.784					00:59	11:08	13:39:11	18:34:01	23:24:30	
02/24/2018	Sat	70.4	19.325					02:07	11:56	14:46:30	19:32:07		
02/25/2018	Sun	80.5	19.572				00:15:48	03:12	12:52	15:49:10	20:32:04		
02/26/2018	Mon	88.9	18.444				01:15:51	04:11	13:56	16:45:01	21:32:27		
02/27/2018	Tue	95.2	16.020				02:23:32	05:04	15:05	17:33:13	22:31:42		
02/28/2018	Wed	99.0	12.523				03:36:16	05:49	16:18	18:14:23	23:28:43		
03/01/2018	Thr	99.9	8.270				04:50:58	06:29	17:32	18:49:58			
03/02/2018	Fri	98.2	3.608			00:22:59	06:05:13	07:04	18:44	19:21:39			
03/03/2018	Sat	94.1	-1.140			01:14:40	07:17:40	07:35	19:54				
03/04/2018	Sun	88.0	-5.703			02:04:13		08:05	21:01				
03/05/2018	Mon	80.5	-9.870			02:52:17		08:35	22:07				
03/06/2018	Tue	71.8	-13.483			03:39:31		09:05	23:10				
03/07/2018	Wed	62.6	-16.425			04:26:29		09:37					
03/08/2018	Thr	53.1	-18.609	00:10		05:13:34		10:12					
03/09/2018	Fri	43.6	-19.976	01:08		06:00:58		10:51					
03/10/2018	Sat	34.4	-20.488	02:01		06:48:42		11:35					
03/11/2018	Sun+	25.7	-20.128	02:51		07:36:38		12:23					
03/12/2018	Mon+	17.9	-18.910	03:36		08:24:32		13:15					
03/13/2018	Tue+	11.1	-16.872	04:17		09:12:07		14:12					
03/14/2018	Wed+	5.8	-14.082	04:53		09:59:14		15:11					
03/15/2018	Thr+	2.0	-10.640	05:26		10:45:52		16:13					
03/16/2018	Fri+	0.2	-6.674	05:56		11:32:12		17:16					
03/17/2018	Sat+	0.5	-2.341	06:25		12:18:33		18:21					
03/18/2018	Sun+	3.1	2.171	06:54	06:54:22	13:05:27	19:06:42	19:27					
03/19/2018	Mon+	7.9	6.647	07:23	08:02:27	13:53:28	19:35:18	20:34					
03/20/2018	Tue+	14.7	10.844	07:54	09:11:48	14:43:14	20:06:26	21:43					
03/21/2018	Wed+	23.4	14.502	08:28	10:21:58	15:35:14	20:41:38	22:52					
03/22/2018	Thr+	33.6	17.357	09:07	11:31:53	16:29:43	21:22:31						
03/23/2018	Fri+	44.6	19.168					00:00	9:52	12:39:38	17:26:28	22:10:36	
03/24/2018	Sat+	56.0	19.752					01:05	10:44	13:42:52	18:24:47	23:06:37	
03/25/2018	Sun+	67.2	19.027					02:05	11:44	14:39:32	19:23:29		
03/26/2018	Mon+	77.4	17.036				00:10:05	02:59	12:50	15:28:44	20:21:22		
03/27/2018	Tue+	86.3	13.939				01:19:05	03:45	14:00	16:10:53	21:17:27		
03/28/2018	Wed+	93.1	9.988				02:31:05	04:25	15:12	16:47:16	22:11:16		
03/29/2018	Thr+	97.6	5.481				03:43:52	05:01	16:23	17:19:29	23:02:55		
03/30/2018	Fri+	99.7	0.725				04:55:59	05:33	17:33	17:49:04	23:52:44		
03/31/2018	Sat+	99.3	-3.994					06:03	18:41				
04/01/2018	Sun+	96.7	-8.429			00:41:19		06:32	19:48				
04/02/2018	Mon+	92.1	-12.373			01:29:12		07:02	20:53				
04/03/2018	Tue+	85.8	-15.669			02:16:52		07:34	21:56				
04/04/2018	Wed+	78.3	-18.199			03:04:39		08:08	22:56				
04/05/2018	Thr+	69.8	-19.888			03:52:42		08:45	23:53				
04/06/2018	Fri+	60.8	-20.693			04:40:57		09:27					
04/07/2018	Sat+	51.4	-20.604	00:45		05:29:14		10:14					
04/08/2018	Sun+	42.0	-19.640	01:32		06:17:18		11:05					
04/09/2018	Mon+	32.8	-17.843	02:14		07:04:54		11:59					

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Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
04/10/2018	Tue+	24.1	-15.277	02:51		07:51:55		12:57				
04/11/2018	Wed+	16.2	-12.026	03:25		08:38:23		13:58				
04/12/2018	Thr+	9.5	-8.198	03:56		09:24:34		15:00				
04/13/2018	Fri+	4.4	-3.928	04:25		10:10:49		16:05				
04/14/2018	Sat+	1.2	0.617	04:54		10:57:43	17:07:19	17:11				
04/15/2018	Sun+	0.2	5.227	05:23	05:46:29	11:45:52	17:35:30	18:19				
04/16/2018	Mon+	1.7	9.652	05:53	06:56:56	12:35:54	18:05:55	19:29				
04/17/2018	Tue+	5.7	13.608	06:26	08:08:53	13:28:20	18:40:06	20:40				
04/18/2018	Wed+	12.1	16.801	07:04	09:21:13	14:23:24	19:19:40	21:51				
04/19/2018	Thr+	20.6	18.957	07:48	10:31:53	15:20:50	20:06:09	22:59				
04/20/2018	Fri+	30.6	19.875	08:39	11:38:08	16:19:45	21:00:27					
04/21/2018	Sat+	41.7	19.468					00:02	9:37	12:37:30	17:18:54	22:02:08
04/22/2018	Sun+	53.1	17.780					00:58	10:42	13:28:46	18:16:54	23:09:24
04/23/2018	Mon+	64.2	14.968					01:46	11:50	14:12:15	19:12:48	
04/24/2018	Tue+	74.6	11.268				00:19:46	02:27	13:00	14:49:19	20:06:10	
04/25/2018	Wed+	83.5	6.951				01:31:01	03:02	14:10	15:21:41	20:57:09	
04/26/2018	Thr+	90.8	2.295				02:41:48	03:34	15:19	15:50:59	21:46:16	
04/27/2018	Fri+	96.0	-2.437				03:51:30	04:04	16:26		22:34:08	
04/28/2018	Sat+	99.0	-7.000					04:32	17:33		23:21:25	
04/29/2018	Sun+	99.8	-11.177					05:01	18:38			
04/30/2018	Mon+	98.5	-14.781			00:08:41		05:32	19:42			
05/01/2018	Tue+	95.2	-17.661			00:56:19		06:04	20:44			
05/02/2018	Wed+	90.3	-19.706			01:44:27		06:40	21:43			
05/03/2018	Thr+	83.9	-20.849			02:33:01		07:21	22:37			
05/04/2018	Fri+	76.4	-21.070			03:21:44		08:05	23:27			
05/05/2018	Sat+	67.9	-20.384			04:10:13		08:55				
05/06/2018	Sun+	58.9	-18.842	00:11		04:58:05		09:48				
05/07/2018	Mon+	49.4	-16.516	00:50		05:45:08		10:44				
05/08/2018	Tue+	39.8	-13.490	01:25		06:31:20		11:43				
05/09/2018	Wed+	30.4	-9.865	01:56		07:16:56		12:44				
05/10/2018	Thr+	21.5	-5.754	02:26		08:02:22		13:47				
05/11/2018	Fri+	13.6	-1.296	02:54		08:48:15		14:52				
05/12/2018	Sat+	7.1	3.335	03:22	03:25:57	09:35:18	15:34:36	15:59				
05/13/2018	Sun+	2.5	7.915	03:51	04:35:35	10:24:20	16:03:36	17:08				
05/14/2018	Mon+	0.3	12.168	04:23	05:47:41	11:16:05	16:35:57	18:20				
05/15/2018	Tue+	0.8	15.775	04:59	07:01:35	12:11:01	17:13:25	19:33				
05/16/2018	Wed+	4.1	18.412	05:41	08:15:29	13:09:05	17:57:49	20:45				
05/17/2018	Thr+	10.0	19.810	06:30	09:26:21	14:09:30	18:50:30	21:53				
05/18/2018	Fri+	18.1	19.821	07:27	10:30:51	15:10:44	19:51:27	22:53				
05/19/2018	Sat+	28.0	18.458	08:31	11:26:43	16:11:00	20:58:54	23:45				
05/20/2018	Sun+	38.9	15.885	09:40	12:13:38	17:08:49	22:09:55					
05/21/2018	Mon+	50.2	12.356					00:29	10:51	12:52:54	18:03:31	23:21:46
05/22/2018	Tue+	61.3	8.162					01:06	12:01	13:26:24	18:55:09	
05/23/2018	Wed+	71.5	3.584				00:32:43	01:39	13:10	13:56:03	19:44:15	
05/24/2018	Thr+	80.6	-1.122				01:42:08	02:08	14:17	14:23:29	20:31:39	
05/25/2018	Fri+	88.2	-5.727					02:37	15:23		21:18:08	
05/26/2018	Sat+	93.9	-10.025					03:04	16:28		22:04:29	
05/27/2018	Sun+	97.8	-13.831					03:33	17:32		22:51:12	
05/28/2018	Mon+	99.7	-16.982					04:04	18:34		23:38:39	
05/29/2018	Tue+	99.6	-19.345					04:38	19:34			

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Date	DoW	9PM		Rise	East	Transit	West	Set	Rise	East	Transit	West
		Illum.	Decl.									
05/30/2018	Wed+	97.6	-20.824			00:26:51		05:17	20:30			
05/31/2018	Thr+	93.9	-21.368			01:15:33		06:00	21:22			
06/01/2018	Fri+	88.6	-20.979			02:04:17		06:47	22:08			
06/02/2018	Sat+	82.0	-19.699			02:52:33		07:39	22:49			
06/03/2018	Sun+	74.2	-17.606			03:39:56		08:34	23:26			
06/04/2018	Mon+	65.5	-14.795			04:26:14		09:32	23:58			
06/05/2018	Tue+	56.1	-11.375			05:11:32		10:31				
06/06/2018	Wed+	46.2	-7.457	00:27		05:56:11		11:32				
06/07/2018	Thr+	36.2	-3.164	00:55		06:40:47		12:35				
06/08/2018	Fri+	26.5	1.361	01:22		07:26:05	13:35:01	13:39				
06/09/2018	Sat+	17.6	5.936	01:50	02:14:05	08:12:58	14:02:10	14:46				
06/10/2018	Sun+	9.9	10.332	02:19	03:23:48	09:02:24	14:31:58	15:56				
06/11/2018	Mon+	4.1	14.258	02:52	04:36:18	09:55:11	15:06:10	17:08				
06/12/2018	Tue+	0.8	17.380	03:31	05:50:40	10:51:49	15:46:48	18:22				
06/13/2018	Wed+	0.3	19.367	04:17	07:04:34	11:52:02	16:35:51	19:33				
06/14/2018	Thr+	2.7	19.970	05:11	08:14:20	12:54:39	17:34:20	20:39				
06/15/2018	Fri+	8.1	19.104	06:14	09:16:26	13:57:38	18:41:18	21:37				
06/16/2018	Sat+	15.8	16.876	07:24	10:09:04	14:58:49	19:53:46	22:26				
06/17/2018	Sun+	25.3	13.543	08:36	10:52:43	15:56:46	21:08:04	23:07				
06/18/2018	Mon+	36.0	9.431	09:49	11:29:12	16:51:02	22:21:30	23:42				
06/19/2018	Tue+	47.0	4.864	11:00	12:00:38	17:41:56	23:32:48					
06/20/2018	Wed+	57.8	0.128					00:13	12:09	12:28:55	18:30:18	
06/21/2018	Thr+	68.1	-4.537					00:42	13:16		19:17:03	
06/22/2018	Fri+	77.2	-8.931					01:09	14:21		20:03:05	
06/23/2018	Sat+	85.1	-12.877					01:38	15:24		20:49:09	
06/24/2018	Sun+	91.4	-16.223					02:07	16:26		21:35:47	
06/25/2018	Mon+	96.1	-18.831					02:40	17:26		22:23:14	
06/26/2018	Tue+	98.9	-20.594					03:16	18:24		23:11:25	
06/27/2018	Wed+	99.9	-21.439					03:57	19:17			
06/28/2018	Thr+	99.1	-21.339			00:00:01		04:42	20:05			
06/29/2018	Fri+	96.6	-20.321			00:48:28		05:33	20:49			
06/30/2018	Sat+	92.3	-18.452			01:36:15		06:27	21:27			
07/01/2018	Sun+	86.6	-15.831			02:22:58		07:24	22:00			
07/02/2018	Mon+	79.4	-12.577			03:08:29		08:23	22:30			
07/03/2018	Tue+	71.1	-8.813			03:52:58		09:22	22:58			
07/04/2018	Wed+	61.8	-4.667			04:36:52		10:23	23:25			
07/05/2018	Thr+	51.8	-0.276			05:20:51		11:26	23:51	23:58:21		
07/06/2018	Fri+	41.4	4.206			06:05:44	12:03:29	12:30				
07/07/2018	Sat+	31.0	8.591	00:19	01:04:52	06:52:28	12:30:56	13:36				
07/08/2018	Sun+	21.2	12.645	00:49	02:14:00	07:42:02	13:01:46	14:45				
07/09/2018	Mon+	12.6	16.077	01:24	03:25:42	08:35:18	13:37:55	15:57				
07/10/2018	Tue+	5.8	18.563	02:05	04:38:48	09:32:41	14:21:34	17:08				
07/11/2018	Wed+	1.4	19.798	02:54	05:50:36	10:33:47	15:14:41	18:18				
07/12/2018	Thr+	0.0	19.581	03:52	06:57:24	11:37:12	16:17:52	19:21				
07/13/2018	Fri+	1.7	17.895	05:00	07:56:01	12:40:40	17:29:19	20:15				
07/14/2018	Sat+	6.3	14.919	06:13	08:45:20	13:42:03	18:45:20	21:01				
07/15/2018	Sun+	13.4	10.970	07:29	09:26:20	14:40:00	20:02:03	21:40				
07/16/2018	Mon+	22.4	6.414	08:43	10:01:01	15:34:13	21:16:57	22:14				
07/17/2018	Tue+	32.5	1.592	09:55	10:31:26	16:25:10	22:29:07	22:44				
07/18/2018	Wed+	43.1	-3.208	11:05		17:13:43		23:13				

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.									
07/19/2018	Thr+	53.7	-7.757	12:12		18:00:47		23:41				
07/20/2018	Fri+	63.8	-11.873	13:16		18:47:16						
07/21/2018	Sat+	73.1	-15.405					00:11	14:19		19:33:49	
07/22/2018	Sun+	81.3	-18.226					00:42	15:20		20:20:52	
07/23/2018	Mon+	88.2	-20.229					01:17	16:18		21:08:36	
07/24/2018	Tue+	93.7	-21.337					01:56	17:13		21:56:51	
07/25/2018	Wed+	97.5	-21.507					02:40	18:03		22:45:15	
07/26/2018	Thr+	99.6	-20.743					03:28	18:48		23:33:15	
07/27/2018	Fri+	99.9	-19.095					04:21	19:27			
07/28/2018	Sat+	98.4	-16.650			00:20:25		05:18	20:02			
07/29/2018	Sun+	95.2	-13.529			01:06:28		06:16	20:34			
07/30/2018	Mon+	90.2	-9.863			01:51:22		07:16	21:02			
07/31/2018	Tue+	83.7	-5.795			02:35:23		08:16	21:29			
08/01/2018	Wed+	75.8	-1.471			03:18:59		09:17	21:55			
08/02/2018	Thr+	66.6	2.954			04:02:53	10:07:12	10:20	22:22	22:53:26		
08/03/2018	Fri+	56.5	7.306			04:47:54	10:33:13	11:24	22:50	23:59:48		
08/04/2018	Sat+	45.8	11.385			05:34:57	11:01:39	12:30	23:21			
08/05/2018	Sun+	34.9	14.952		01:08:18	06:24:55	11:34:11	13:38	23:58			
08/06/2018	Mon+	24.5	17.730		02:18:30	07:18:32	12:12:48	14:48				
08/07/2018	Tue+	15.1	19.431	00:41	03:28:53	08:16:03	12:59:40	15:56				
08/08/2018	Wed+	7.5	19.813	01:34	04:36:39	09:16:53	13:56:24	17:01				
08/09/2018	Thr+	2.4	18.756	02:36	05:38:32	10:19:32	15:02:57	18:00				
08/10/2018	Fri+	0.1	16.313	03:46	06:32:20	11:21:58	16:16:56	18:50				
08/11/2018	Sat+	0.9	12.712	05:01	07:17:45	12:22:19	17:34:34	19:33				
08/12/2018	Sun+	4.6	8.294	06:18	07:56:06	13:19:34	18:52:20	20:10				
08/13/2018	Mon+	10.8	3.431	07:33	08:29:16	14:13:34	20:08:08	20:43				
08/14/2018	Tue+	18.9	-1.532	08:46	08:59:10	15:04:46		21:13				
08/15/2018	Wed+	28.3	-6.309	09:56		15:53:58		21:42				
08/16/2018	Thr+	38.3	-10.677	11:04		16:41:59		22:12				
08/17/2018	Fri+	48.5	-14.464	12:09		17:29:32		22:43				
08/18/2018	Sat+	58.5	-17.537	13:12		18:17:07		23:17				
08/19/2018	Sun+	67.9	-19.794	14:12		19:05:02		23:55				
08/20/2018	Mon+	76.5	-21.160	15:08		19:53:17						
08/21/2018	Tue+	84.0	-21.592					00:37	15:59		20:41:40	
08/22/2018	Wed+	90.3	-21.082					01:24	16:46		21:29:48	
08/23/2018	Thr+	95.1	-19.663					02:16	17:27		22:17:17	
08/24/2018	Fri+	98.4	-17.408					03:11	18:04		23:03:49	
08/25/2018	Sat+	99.9	-14.422					04:09	18:36		23:49:18	
08/26/2018	Sun+	99.5	-10.834					05:09	19:06			
08/27/2018	Mon+	97.3	-6.793			00:33:52		06:09	19:33			
08/28/2018	Tue+	93.1	-2.456			01:17:51		07:11	19:59			
08/29/2018	Wed+	87.2	2.006			02:01:49	08:11:44	08:13	20:26	20:46:17		
08/30/2018	Thr+	79.6	6.411			02:46:25	08:37:12	09:17	20:53	21:51:46		
08/31/2018	Fri+	70.6	10.559			03:32:25	09:04:26	10:22	21:23	22:58:46		
09/01/2018	Sat+	60.4	14.228			04:20:38	09:34:50	11:28	21:57			
09/02/2018	Sun+	49.5	17.178		00:07:03	05:11:43	10:10:09	12:36	22:36			
09/03/2018	Mon+	38.3	19.159		01:15:35	06:06:07	10:52:18	13:43	23:23			
09/04/2018	Tue+	27.5	19.948		02:22:22	07:03:40	11:43:06	14:47				
09/05/2018	Wed+	17.6	19.400	00:19	03:24:43	08:03:33	12:43:24	15:46				
09/06/2018	Thr+	9.5	17.496	01:24	04:20:19	09:04:19	13:52:15	16:39				

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.									
09/07/2018	Fri+	3.7	14.363	02:35	05:08:14	10:04:20	15:06:59	17:24				
09/08/2018	Sat+	0.6	10.258	03:50	05:49:04	11:02:23	16:24:16	18:03				
09/09/2018	Sun+	0.4	5.517	05:07	06:24:20	11:57:54	17:41:26	18:38				
09/10/2018	Mon+	3.0	0.491	06:21	06:55:47	12:50:58	18:56:58	19:09				
09/11/2018	Tue+	8.0	-4.492	07:34		13:42:03		19:39				
09/12/2018	Wed+	15.0	-9.153	08:45		14:31:49		20:10				
09/13/2018	Thr+	23.4	-13.272	09:53		15:20:52		20:41				
09/14/2018	Fri+	32.6	-16.684	10:59		16:09:42		21:14				
09/15/2018	Sat+	42.3	-19.267	12:01		16:58:33		21:51				
09/16/2018	Sun+	52.1	-20.942	13:00		17:47:29		22:32				
09/17/2018	Mon+	61.5	-21.666	13:54		18:36:21		23:18				
09/18/2018	Tue+	70.5	-21.434	14:43		19:24:50						
09/19/2018	Wed+	78.7	-20.273					00:08	15:26		20:12:37	
09/20/2018	Thr+	85.9	-18.245					01:02	16:04		20:59:30	
09/21/2018	Fri+	91.8	-15.439					02:00	16:38		21:45:23	
09/22/2018	Sat+	96.2	-11.970					02:59	17:08		22:30:23	
09/23/2018	Sun+	99.0	-7.974					04:00	17:36		23:14:51	
09/24/2018	Mon+	99.9	-3.608					05:02	18:03		23:59:14	
09/25/2018	Tue+	98.7	0.950					06:05	18:29	18:37:41		
09/26/2018	Wed+	95.4	5.503			00:44:08	06:40:51	07:09	18:56	19:43:47		
09/27/2018	Thr+	90.1	9.832			01:30:13	07:07:35	08:14	19:25	20:51:15		
09/28/2018	Fri+	82.9	13.701			02:18:10	07:36:58	09:21	19:58	21:59:48		
09/29/2018	Sat+	74.1	16.863			03:08:34	08:10:34	10:29	20:35	23:08:27		
09/30/2018	Sun+	63.9	19.080			04:01:46	08:50:06	11:36	21:19			
10/01/2018	Mon+	52.8	20.149		00:15:22	04:57:39	09:37:15	12:40	22:11			
10/02/2018	Tue+	41.5	19.939		01:18:07	05:55:34	10:33:02	13:40	23:11			
10/03/2018	Wed+	30.4	18.425		02:14:30	06:54:24	11:37:08	14:33				
10/04/2018	Thr+	20.3	15.699	00:18	03:03:26	07:52:49	12:47:40	15:19				
10/05/2018	Fri+	11.8	11.959	01:30	03:45:16	08:49:47	14:01:55	15:59				
10/06/2018	Sat+	5.4	7.475	02:44	04:21:20	09:44:44	15:17:26	16:34				
10/07/2018	Sun+	1.5	2.556	03:58	04:53:16	10:37:42	16:32:36	17:06				
10/08/2018	Mon+	0.2	-2.483	05:11	05:22:42	11:29:02		17:36				
10/09/2018	Tue+	1.5	-7.348	06:23		12:19:20		18:06				
10/10/2018	Wed+	5.2	-11.780	07:33		13:09:07		18:37				
10/11/2018	Thr+	10.8	-15.565	08:41		13:58:49		19:10				
10/12/2018	Fri+	18.0	-18.543	09:47		14:48:40		19:45				
10/13/2018	Sat+	26.2	-20.603	10:49		15:38:38		20:25				
10/14/2018	Sun+	35.2	-21.687	11:46		16:28:27		21:10				
10/15/2018	Mon+	44.6	-21.785	12:37		17:17:46		21:59				
10/16/2018	Tue+	54.1	-20.926	13:23		18:06:12		22:52				
10/17/2018	Wed+	63.3	-19.171	14:03		18:53:30		23:48				
10/18/2018	Thr+	72.1	-16.606	14:38		19:39:38						
10/19/2018	Fri+	80.2	-13.335					00:47	15:09		20:24:46	
10/20/2018	Sat+	87.3	-9.474					01:47	15:38		21:09:14	
10/21/2018	Sun+	93.1	-5.161					02:49	16:05		21:53:36	
10/22/2018	Mon+	97.3	-0.558					03:51	16:31		22:38:29	
10/23/2018	Tue+	99.5	4.143				04:43:04	04:56	16:58	17:30:21	23:24:36	
10/24/2018	Wed+	99.6	8.715				05:09:15	06:02	17:26	18:38:43		
10/25/2018	Thr+	97.3	12.897			00:12:38	05:37:48	07:10	17:58	19:48:41		
10/26/2018	Fri+	92.7	16.407			01:03:13	06:10:12	08:19	18:34	20:59:18		

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.									
10/27/2018	Sat+	86.0	18.971			01:56:39	06:48:10	09:28	19:16	22:08:37		
10/28/2018	Sun+	77.3	20.363			02:52:47	07:33:22	10:35	20:06	23:13:56		
10/29/2018	Mon+	67.2	20.448			03:50:52	08:26:55	11:37	21:04			
10/30/2018	Tue+	56.1	19.209		00:12:40	04:49:40	09:28:38	12:32	22:09			
10/31/2018	Wed+	44.7	16.752		01:03:26	05:47:47	10:36:46	13:20	23:18			
11/01/2018	Thr+	33.6	13.274		01:46:26	06:44:10	11:48:44	14:00				
11/02/2018	Fri+	23.4	9.029	00:30	02:23:01	07:38:17	13:02:08	14:36				
11/03/2018	Sat+	14.6	4.289	01:42	02:54:57	08:30:16	14:15:27	15:07				
11/04/2018	Sun	7.6	-0.666	02:54	03:23:56	09:20:35	15:28:00	15:37				
11/05/2018	Mon	2.9	-5.570	04:04		10:09:55		16:05				
11/06/2018	Tue	0.5	-10.169	05:14		10:58:55		16:35				
11/07/2018	Wed	0.5	-14.235	06:23		11:48:10		17:06				
11/08/2018	Thr	2.6	-17.574	07:30		12:37:57		17:40				
11/09/2018	Fri	6.8	-20.035	08:34		13:28:16		18:18				
11/10/2018	Sat	12.6	-21.524	09:34		14:18:48		19:01				
11/11/2018	Sun	19.7	-22.003	10:29		15:09:04		19:49				
11/12/2018	Mon	27.8	-21.490	11:18		15:58:28		20:40				
11/13/2018	Tue	36.6	-20.047	12:01		16:46:34		21:36				
11/14/2018	Wed	45.9	-17.765	12:38		17:33:11		22:34				
11/15/2018	Thr	55.3	-14.749	13:10		18:18:24		23:33				
11/16/2018	Fri	64.6	-11.113	13:39		19:02:37						
11/17/2018	Sat	73.6	-6.975					00:33	14:06		19:46:22	
11/18/2018	Sun	81.8	-2.470					01:35	14:32		20:30:24	
11/19/2018	Mon	89.0	2.242					02:38	14:58	15:11:29	21:15:32	
11/20/2018	Tue	94.6	6.962				03:09:39	03:43	15:25	16:19:08	22:02:37	
11/21/2018	Wed	98.4	11.440				03:36:46	04:51	15:55	17:29:12	22:52:27	
11/22/2018	Thr	99.9	15.375				04:07:20	06:00	16:29	18:41:13	23:45:37	
11/23/2018	Fri	98.8	18.442				04:43:09	07:12	17:10	19:53:30		
11/24/2018	Sat	95.1	20.341			00:42:12	05:26:08	08:22	17:58	21:03:10		
11/25/2018	Sun	88.9	20.865			01:41:32	06:17:49	09:29	18:54	22:06:47		
11/26/2018	Mon	80.6	19.959			02:42:09	07:18:29	10:28	19:59	23:01:56		
11/27/2018	Tue	70.6	17.731			03:42:16	08:26:27	11:20	21:09	23:48:13		
11/28/2018	Wed	59.7	14.409			04:40:20	09:38:43	12:03	22:21			
11/29/2018	Thr	48.4	10.280		00:26:50	05:35:31	10:52:17	12:40	23:33			
11/30/2018	Fri	37.3	5.639		00:59:45	06:27:49	12:05:18	13:12				
12/01/2018	Sat	27.0	0.757	00:44	01:28:54	07:17:46	13:17:00	13:41				
12/02/2018	Sun	17.9	-4.116	01:53	01:55:59	08:06:13		14:09				
12/03/2018	Mon	10.5	-8.754	03:02		08:54:00		14:37				
12/04/2018	Tue	5.0	-12.950	04:09		09:41:55		15:06				
12/05/2018	Wed	1.5	-16.513	05:16		10:30:29		15:38				
12/06/2018	Thr	0.1	-19.278	06:21		11:19:56		16:14				
12/07/2018	Fri	0.8	-21.122	07:23		12:10:09		16:54				
12/08/2018	Sat	3.4	-21.971	08:20		13:00:38		17:40				
12/09/2018	Sun	7.7	-21.814	09:12		13:50:43		18:30				
12/10/2018	Mon	13.6	-20.695	09:57		14:39:42		19:25				
12/11/2018	Tue	20.6	-18.702	10:37		15:27:07		20:22				
12/12/2018	Wed	28.7	-15.948	11:11		16:12:51		21:20				
12/13/2018	Thr	37.6	-12.554	11:41		16:57:06		22:20				
12/14/2018	Fri	47.0	-8.642	12:08		17:40:20		23:20				
12/15/2018	Sat	56.7	-4.335	12:34		18:23:16						

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.									
12/16/2018	Sun	66.3	0.234					00:21	12:59		19:06:45	
12/17/2018	Mon	75.6	4.908				01:10:39	01:24	13:25	13:58:02	19:51:44	
12/18/2018	Tue	84.0	9.488				01:35:56	02:29	13:52	15:05:41	20:39:13	
12/19/2018	Wed	91.2	13.714				02:03:55	03:37	14:24	16:16:07	21:30:07	
12/20/2018	Thr	96.5	17.268				02:36:22	04:47	15:01	17:28:37	22:25:01	
12/21/2018	Fri	99.5	19.796				03:15:24	05:59	15:45	18:41:03	23:23:53	
12/22/2018	Sat	99.7	20.986				04:03:08	07:09	16:38	19:49:49		
12/23/2018	Sun	97.1	20.657			00:25:40	05:00:57	08:14	17:41	20:51:16		
12/24/2018	Mon	91.7	18.828			01:28:23	06:08:11	09:11	18:51	21:43:25		
12/25/2018	Tue	84.0	15.712			02:29:51	07:21:50	10:00	20:06	22:26:34		
12/26/2018	Wed	74.4	11.640			03:28:25	08:38:00	10:41	21:20	23:02:33		
12/27/2018	Thr	63.8	6.969			04:23:29	09:53:39	11:15	22:34	23:33:31		
12/28/2018	Fri	52.7	2.028			05:15:18	11:07:20	11:46	23:45			
12/29/2018	Sat	41.7	-2.909		00:01:26	06:04:41		12:14				
12/30/2018	Sun	31.4	-7.614	00:54		06:52:34		12:42				
12/31/2018	Mon	22.2	-11.896	02:01		07:39:55		13:10				
01/01/2019	Tue	14.3	-15.585	03:07		08:27:30		13:41				
01/02/2019	Wed	8.0	-18.532	04:12		09:15:48		14:14				
01/03/2019	Thr	3.4	-20.615	05:14		10:04:59		14:52				
01/04/2019	Fri	0.8	-21.747	06:12		10:54:49		15:35				
01/05/2019	Sat	0.0	-21.890	07:06		11:44:46		16:24				
01/06/2019	Sun	1.1	-21.063	07:54		12:34:06		17:16				
01/07/2019	Mon	4.0	-19.335	08:36		13:22:12		18:13				
01/08/2019	Tue	8.5	-16.812	09:12		14:08:39		19:11				
01/09/2019	Wed	14.4	-13.622	09:43		14:53:25		20:10				
01/10/2019	Thr	21.7	-9.897	10:11		15:36:46		21:10				
01/11/2019	Fri	30.0	-5.768	10:37		16:19:14		22:10				
01/12/2019	Sat	39.2	-1.366	11:02		17:01:34		23:10				
01/13/2019	Sun	49.0	3.172	11:26	11:42:26	17:44:39	23:37:21					
01/14/2019	Mon	59.1	7.684					00:13	11:52	12:46:57	18:29:27	
01/15/2019	Tue	69.1	11.971				00:03:01	01:17	12:21	13:53:54	19:17:01	
01/16/2019	Wed	78.7	15.775				00:32:02	02:24	12:53	15:03:22	20:08:16	
01/17/2019	Thr	87.1	18.782				01:06:20	03:33	13:32	16:14:27	21:03:47	
01/18/2019	Fri	93.9	20.650				01:48:14	04:43	14:20	17:24:43	22:03:27	
01/19/2019	Sat	98.3	21.085				02:39:55	05:51	15:17	18:30:33	23:06:02	
01/20/2019	Sun	100.0	19.942				03:42:27	06:53	16:25	19:28:40		
01/21/2019	Mon	98.6	17.299			00:09:28	04:54:27	07:48	17:39	20:17:42		
01/22/2019	Tue	94.3	13.437			01:11:28	06:12:10	08:34	18:57	20:58:29		
01/23/2019	Wed	87.4	8.752			02:10:28	07:31:25	09:12	20:14	21:32:56		
01/24/2019	Thr	78.6	3.651			03:05:59	08:49:18	09:46	21:29	22:03:12		
01/25/2019	Fri	68.5	-1.507			03:58:22	10:04:34	10:16	22:42			
01/26/2019	Sat	57.8	-6.439			04:48:25		10:45	23:52			
01/27/2019	Sun	47.1	-10.926			05:37:06		11:14				
01/28/2019	Mon	36.8	-14.797	00:59		06:25:15		11:44				
01/29/2019	Tue	27.4	-17.919	02:05		07:13:32		12:16				
01/30/2019	Wed	19.0	-20.185	03:07		08:02:19		12:53				
01/31/2019	Thr	12.0	-21.520	04:07		08:51:37		13:34				
02/01/2019	Fri	6.5	-21.886	05:02		09:41:08		14:20				
02/02/2019	Sat	2.6	-21.289	05:51		10:30:21		15:11				
02/03/2019	Sun	0.5	-19.780	06:35		11:18:39		16:06				

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.									
02/04/2019	Mon	0.1	-17.451	07:12		12:05:35		17:03				
02/05/2019	Tue	1.5	-14.421	07:45		12:50:57		18:03				
02/06/2019	Wed	4.7	-10.823	08:15		13:34:49		19:02				
02/07/2019	Thr	9.5	-6.798	08:41		14:17:32		20:02				
02/08/2019	Fri	15.9	-2.485	09:06		14:59:41		21:02				
02/09/2019	Sat	23.6	1.972	09:30	09:33:22	15:41:59	21:41:02	22:03				
02/10/2019	Sun	32.4	6.420	09:55	10:36:12	16:25:15	22:05:19	23:06				
02/11/2019	Mon	42.2	10.686	10:21	11:40:38	17:10:26	22:32:01					
02/12/2019	Tue	52.6	14.561					00:10	10:51	12:47:00	17:58:27	23:02:44
02/13/2019	Wed	63.2	17.794					01:16	11:26	13:55:01	18:50:04	23:39:29
02/14/2019	Thr	73.5	20.091					02:23	12:07	15:03:21	19:45:40	
02/15/2019	Fri	83.0	21.157					00:24:31	03:30	12:58	16:09:27	20:44:56
02/16/2019	Sat	90.9	20.763					01:19:43	04:33	13:59	17:10:12	21:46:38
02/17/2019	Sun	96.6	18.829					02:25:32	05:31	15:09	18:03:17	22:48:52
02/18/2019	Mon	99.6	15.481					03:40:01	06:21	16:25	18:48:18	23:49:48
02/19/2019	Tue	99.5	11.031					04:59:25	07:03	17:44	19:26:23	
02/20/2019	Wed	96.4	5.892			00:48:12	06:19:58	07:40	19:03	19:59:25		
02/21/2019	Thr	90.7	0.492			01:43:44	07:39:12	08:13	20:19	20:29:19		
02/22/2019	Fri	82.9	-4.791			02:36:47		08:43	21:33			
02/23/2019	Sat	73.7	-9.658			03:28:02		09:13	22:45			
02/24/2019	Sun	63.6	-13.886			04:18:15		09:43	23:53			
02/25/2019	Mon	53.3	-17.318			05:08:04		10:16				
02/26/2019	Tue	43.2	-19.847	00:59		05:57:53		10:52				
02/27/2019	Wed	33.6	-21.410	02:01		06:47:48		11:32				
02/28/2019	Thr	24.8	-21.983	02:58		07:37:40		12:16				
03/01/2019	Fri	17.1	-21.581	03:49		08:27:06		13:06				
03/02/2019	Sat	10.6	-20.257	04:34		09:15:38		14:00				
03/03/2019	Sun	5.6	-18.095	05:13		10:02:53		14:57				
03/04/2019	Mon	2.1	-15.202	05:48		10:48:40		15:55				
03/05/2019	Tue	0.3	-11.705	06:18		11:33:00		16:55				
03/06/2019	Wed	0.4	-7.739	06:45		12:16:11		17:55				
03/07/2019	Thr	2.2	-3.450	07:10		12:58:40		18:56				
03/08/2019	Fri	5.9	1.013	07:34		13:41:02	19:45:39	19:57				
03/09/2019	Sat	11.4	5.489	07:59	08:29:25	14:24:01	20:09:22	20:59				
03/10/2019	Sun+	18.5	9.802	08:25	09:33:20	15:08:23	20:34:55	22:02				
03/11/2019	Mon+	27.0	13.755	08:53	10:38:39	15:54:54	21:03:39	23:07				
03/12/2019	Tue+	36.7	17.123	09:25	11:45:09	16:44:16	21:37:17					
03/13/2019	Wed+	47.2	19.658					00:13	10:03	12:51:53	17:36:56	22:17:46
03/14/2019	Thr+	58.2	21.105					01:18	10:48	13:56:56	18:32:52	23:07:00
03/15/2019	Fri+	69.0	21.243					02:21	11:43	14:57:46	19:31:23	
03/16/2019	Sat+	79.2	19.944					00:06:05	03:19	12:46	15:52:07	20:31:15
03/17/2019	Sun+	87.9	17.225					01:14:27	04:10	13:58	16:39:02	21:30:57
03/18/2019	Mon+	94.6	13.265					02:29:41	04:54	15:14	17:19:04	22:29:17
03/19/2019	Tue+	98.7	8.380					03:48:32	05:33	16:32	17:53:45	23:25:39
03/20/2019	Wed+	99.8	2.968					05:08:14	06:07	17:50	18:24:49	
03/21/2019	Thr+	98.1	-2.563			00:20:04	06:27:05	06:38	19:06			
03/22/2019	Fri+	93.7	-7.835			01:12:59		07:09	20:21			
03/23/2019	Sat+	87.1	-12.542			02:04:59		07:39	21:34			
03/24/2019	Sun+	79.0	-16.452			02:56:36		08:11	22:43			
03/25/2019	Mon+	69.8	-19.411			03:48:10		08:47	23:49			

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.									
03/26/2019	Tue+	60.0	-21.336			04:39:43		09:26				
03/27/2019	Wed+	50.2	-22.202	00:50		05:31:02		10:10				
03/28/2019	Thr+	40.6	-22.039	01:44		06:21:40		10:59				
03/29/2019	Fri+	31.4	-20.912	02:32		07:11:10		11:52				
03/30/2019	Sat+	23.1	-18.916	03:14		07:59:09		12:48				
03/31/2019	Sun+	15.7	-16.164	03:49		08:45:29		13:47				
04/01/2019	Mon+	9.5	-12.776	04:21		09:30:14		14:46				
04/02/2019	Tue+	4.7	-8.880	04:48		10:13:45		15:47				
04/03/2019	Wed+	1.6	-4.612	05:14		10:56:29		16:47				
04/04/2019	Thr+	0.2	-0.119	05:39		11:39:03		17:49				
04/05/2019	Fri+	0.8	4.438	06:03	06:21:06	12:22:08	18:13:31	18:51				
04/06/2019	Sat+	3.4	8.876	06:28	07:25:32	13:06:27	18:38:23	19:55				
04/07/2019	Sun+	8.1	12.990	06:55	08:31:22	13:52:42	19:06:02	21:00				
04/08/2019	Mon+	14.6	16.551	07:26	09:38:21	14:41:31	19:37:59	22:06				
04/09/2019	Tue+	22.8	19.314	08:02	10:45:35	15:33:15	20:16:00	23:12				
04/10/2019	Wed+	32.4	21.041	08:45	11:51:12	16:27:49	21:01:49					
04/11/2019	Thr+	43.1	21.530					00:15	9:36	12:52:45	17:24:39	21:56:38
04/12/2019	Fri+	54.3	20.660					01:14	10:35	13:47:59	18:22:40	23:00:17
04/13/2019	Sat+	65.5	18.426					02:06	11:42	14:35:49	19:20:35	
04/14/2019	Sun+	76.1	14.950				00:11:01	02:51	12:54	15:16:36	20:17:23	
04/15/2019	Mon+	85.3	10.468				01:26:09	03:30	14:09	15:51:42	21:12:33	
04/16/2019	Tue+	92.6	5.295				02:43:14	04:04	15:25	16:22:49	22:06:08	
04/17/2019	Wed+	97.5	-0.210				04:00:37	04:35	16:40	16:51:40	22:58:32	
04/18/2019	Thr+	99.7	-5.677					05:05	17:55		23:50:23	
04/19/2019	Fri+	99.2	-10.759					05:35	19:09			
04/20/2019	Sat+	96.1	-15.159			00:42:16		06:06	20:22			
04/21/2019	Sun+	90.9	-18.647			01:34:31		06:40	21:31			
04/22/2019	Mon+	84.0	-21.073			02:27:14		07:18	22:36			
04/23/2019	Tue+	75.8	-22.373			03:20:03		08:01	23:35			
04/24/2019	Wed+	66.8	-22.558			04:12:23		08:49				
04/25/2019	Thr+	57.4	-21.703	00:27		05:03:33		09:41				
04/26/2019	Fri+	47.9	-19.917	01:12		05:53:00		10:37				
04/27/2019	Sat+	38.5	-17.331	01:50		06:40:27		11:36				
04/28/2019	Sun+	29.6	-14.077	02:23		07:25:57		12:35				
04/29/2019	Mon+	21.3	-10.285	02:52		08:09:50		13:35				
04/30/2019	Tue+	14.1	-6.082	03:18		08:52:40		14:36				
05/01/2019	Wed+	8.0	-1.603	03:42		09:35:08		15:37				
05/02/2019	Thr+	3.5	3.003	04:06	04:08:53	10:17:58	16:17:04	16:40				
05/03/2019	Fri+	0.8	7.564	04:31	05:13:21	11:01:59	16:41:12	17:44				
05/04/2019	Sat+	0.2	11.874	04:57	06:19:35	11:47:59	17:07:46	18:49				
05/05/2019	Sun+	1.8	15.695	05:27	07:27:31	12:36:36	17:38:17	19:57				
05/06/2019	Mon+	5.6	18.765	06:01	08:36:21	13:28:18	18:14:29	21:04				
05/07/2019	Tue+	11.7	20.822	06:42	09:44:16	14:22:59	18:58:11	22:10				
05/08/2019	Wed+	19.7	21.649	07:31	10:48:31	15:20:01	19:50:42	23:11				
05/09/2019	Thr+	29.3	21.119	08:28	11:46:24	16:18:11	20:52:03					
05/10/2019	Fri+	40.1	19.227					00:05	9:33	12:36:22	17:16:03	22:00:33
05/11/2019	Sat+	51.5	16.093					00:52	10:43	13:18:33	18:12:28	23:13:32
05/12/2019	Sun+	62.8	11.938					01:32	11:56	13:54:18	19:06:51	
05/13/2019	Mon+	73.5	7.042				00:28:26	02:06	13:09	14:25:26	19:59:18	
05/14/2019	Tue+	83.0	1.717				01:43:38	02:37	14:23	14:53:43	20:50:21	

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.									
05/15/2019	Wed+	90.7	-3.715				02:58:30	03:06	15:36		21:40:44	
05/16/2019	Thr+	96.2	-8.934					03:35	16:49		22:31:13	
05/17/2019	Fri+	99.2	-13.637					04:04	18:01		23:22:25	
05/18/2019	Sat+	99.8	-17.557					04:36	19:11			
05/19/2019	Sun+	98.0	-20.484			00:14:35		05:11	20:19			
05/20/2019	Mon+	94.1	-22.286			01:07:35		05:52	21:22			
05/21/2019	Tue+	88.5	-22.921			02:00:48		06:38	22:18			
05/22/2019	Wed+	81.4	-22.433			02:53:23		07:29	23:07			
05/23/2019	Thr+	73.3	-20.931			03:44:28		08:24	23:48			
05/24/2019	Fri+	64.4	-18.559			04:33:27		09:23				
05/25/2019	Sat+	55.1	-15.469	00:24		05:20:09		10:22				
05/26/2019	Sun+	45.6	-11.808	00:54		06:04:48		11:23				
05/27/2019	Mon+	36.3	-7.711	01:21		06:47:53		12:23				
05/28/2019	Tue+	27.3	-3.305	01:45		07:30:08		13:24				
05/29/2019	Wed+	19.0	1.275	02:09		08:12:21	14:20:19	14:25				
05/30/2019	Thr+	11.8	5.880	02:33	02:57:44	08:55:28	14:43:29	15:28				
05/31/2019	Fri+	6.0	10.326	02:58	04:03:05	09:40:24	15:08:38	16:33				
06/01/2019	Sat+	2.0	14.387	03:26	05:10:40	10:28:00	15:37:14	17:40				
06/02/2019	Sun+	0.2	17.796	03:59	06:20:09	11:18:57	16:11:05	18:49				
06/03/2019	Mon+	0.7	20.265	04:37	07:30:08	12:13:28	16:52:11	19:57				
06/04/2019	Tue+	3.9	21.527	05:23	08:37:55	13:11:06	17:42:18	21:02				
06/05/2019	Wed+	9.5	21.403	06:19	09:40:11	14:10:35	18:42:01	22:01				
06/06/2019	Thr+	17.3	19.855	07:23	10:34:24	15:10:10	19:49:57	22:51				
06/07/2019	Fri+	26.9	16.995	08:33	11:19:55	16:08:13	21:03:04	23:34				
06/08/2019	Sat+	37.7	13.056	09:46	11:57:52	17:03:46	22:18:12					
06/09/2019	Sun+	49.2	8.334					00:10	11:00	12:30:10	17:56:42	23:33:14
06/10/2019	Mon+	60.5	3.144					00:42	12:13	12:58:46	18:47:30	
06/11/2019	Tue+	71.3	-2.208				00:47:18	01:11	13:25	13:25:25	19:37:00	
06/12/2019	Wed+	80.8	-7.431					01:38	14:36		20:26:08	
06/13/2019	Thr+	88.7	-12.250					02:06	15:47		21:15:43	
06/14/2019	Fri+	94.6	-16.412					02:36	16:56		22:06:19	
06/15/2019	Sat+	98.4	-19.691					03:09	18:04		22:58:06	
06/16/2019	Sun+	99.9	-21.919					03:47	19:09		23:50:46	
06/17/2019	Mon+	99.3	-22.997					04:30	20:08			
06/18/2019	Tue+	96.7	-22.918			00:43:34		05:19	21:00			
06/19/2019	Wed+	92.2	-21.757			01:35:31		06:13	21:45			
06/20/2019	Thr+	86.3	-19.647			02:25:45		07:10	22:23			
06/21/2019	Fri+	79.0	-16.751			03:13:44		08:10	22:55			
06/22/2019	Sat+	70.8	-13.236			03:59:25		09:10	23:23			
06/23/2019	Sun+	61.9	-9.253			04:43:06		10:10	23:48			
06/24/2019	Mon+	52.4	-4.942			05:25:24		11:11				
06/25/2019	Tue+	42.8	-0.433	00:12		06:07:06		12:11				
06/26/2019	Wed+	33.3	4.138	00:36	00:42:25	06:49:08	12:46:01	13:13				
06/27/2019	Thr+	24.1	8.618	01:00	01:45:58	07:32:27	13:09:40	14:16				
06/28/2019	Fri+	15.8	12.814	01:26	02:51:37	08:18:05	13:36:02	15:21				
06/29/2019	Sat+	8.8	16.486	01:55	03:59:39	09:06:57	14:06:52	16:29				
06/30/2019	Sun+	3.6	19.352	02:30	05:09:29	09:59:42	14:44:13	17:38				
07/01/2019	Mon+	0.6	21.113	03:13	06:19:09	10:56:23	15:30:17	18:45				
07/02/2019	Tue+	0.2	21.519	04:05	07:25:26	11:56:14	16:26:41	19:48				
07/03/2019	Wed+	2.6	20.445	05:06	08:24:51	12:57:32	17:33:03	20:44				

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.									
07/04/2019	Thr+	7.8	17.939	06:16	09:15:28	13:58:11	18:46:42	21:31				
07/05/2019	Fri+	15.3	14.216	07:31	09:57:29	14:56:35	20:03:46	22:11				
07/06/2019	Sat+	24.8	9.597	08:47	10:32:37	15:51:57	21:21:04	22:45				
07/07/2019	Sun+	35.5	4.433	10:02	11:02:57	16:44:29	22:36:56	23:15				
07/08/2019	Mon+	46.9	-0.937	11:16	11:30:26	17:34:54		23:43				
07/09/2019	Tue+	58.1	-6.209	12:27		18:24:08						
07/10/2019	Wed+	68.7	-11.117					00:11	13:38		19:13:08	
07/11/2019	Thr+	78.2	-15.423					00:40	14:47		20:02:41	
07/12/2019	Fri+	86.3	-18.921					01:11	15:55		20:53:12	
07/13/2019	Sat+	92.6	-21.441					01:46	16:59		21:44:44	
07/14/2019	Sun+	97.0	-22.864					02:26	18:00		22:36:48	
07/15/2019	Mon+	99.5	-23.145					03:12	18:54		23:28:38	
07/16/2019	Tue+	99.9	-22.318					04:04	19:41			
07/17/2019	Wed+	98.5	-20.488			00:19:18		05:00	20:21			
07/18/2019	Thr+	95.2	-17.804			01:08:06		05:59	20:56			
07/19/2019	Fri+	90.3	-14.439			01:54:41		07:00	21:25			
07/20/2019	Sat+	84.1	-10.560			02:39:07		08:00	21:51			
07/21/2019	Sun+	76.6	-6.323			03:21:49		09:00	22:16			
07/22/2019	Mon+	68.1	-1.871			04:03:26		10:00	22:39			
07/23/2019	Tue+	58.8	2.659			04:44:46	10:49:19	11:00	23:02	23:32:17		
07/24/2019	Wed+	49.0	7.125			05:26:44	11:11:49	12:02	23:26			
07/25/2019	Thr+	39.0	11.365		00:35:43	06:10:20	11:36:16	13:05	23:54			
07/26/2019	Fri+	29.2	15.177		01:41:12	06:56:34	12:04:10	14:10				
07/27/2019	Sat+	20.0	18.319	00:25	02:48:47	07:46:19	12:37:26	15:17				
07/28/2019	Sun+	11.9	20.509	01:03	03:57:32	08:40:10	13:18:19	16:24				
07/29/2019	Mon+	5.5	21.468	01:50	05:05:05	09:38:01	14:09:04	17:30				
07/30/2019	Tue+	1.4	20.987	02:46	06:08:07	10:38:49	15:10:48	18:29				
07/31/2019	Wed+	0.0	19.006	03:53	07:03:39	11:40:43	16:22:19	19:21				
08/01/2019	Thr+	1.7	15.649	05:07	07:50:33	12:41:40	17:40:07	20:05				
08/02/2019	Fri+	6.3	11.202	06:25	08:29:41	13:40:11	19:00:08	20:43				
08/03/2019	Sat+	13.4	6.041	07:44	09:02:56	14:35:46	20:19:29	21:15				
08/04/2019	Sun+	22.5	0.558	09:00	09:32:21	15:28:43	21:36:52	21:45				
08/05/2019	Mon+	32.9	-4.889	10:15		16:19:48		22:14				
08/06/2019	Tue+	43.9	-9.996	11:28		17:09:56		22:43				
08/07/2019	Wed+	54.9	-14.510	12:39		17:59:55		23:13				
08/08/2019	Thr+	65.3	-18.228	13:47		18:50:22		23:47				
08/09/2019	Fri+	74.8	-20.989	14:53		19:41:28						
08/10/2019	Sat+	83.1	-22.679					00:26	15:54		20:33:03	
08/11/2019	Sun+	89.9	-23.247					01:10	16:50		21:24:31	
08/12/2019	Mon+	95.0	-22.705					01:59	17:39		22:15:09	
08/13/2019	Tue+	98.3	-21.132					02:54	18:21		23:04:14	
08/14/2019	Wed+	99.8	-18.657					03:52	18:57		23:51:21	
08/15/2019	Thr+	99.5	-15.441					04:51	19:28			
08/16/2019	Fri+	97.4	-11.653			00:36:23		05:52	19:55			
08/17/2019	Sat+	93.7	-7.461			01:19:36		06:52	20:19			
08/18/2019	Sun+	88.3	-3.021			02:01:28		07:52	20:43			
08/19/2019	Mon+	81.6	1.516			02:42:41		08:52	21:05	21:23:03		
08/20/2019	Tue+	73.6	6.004			03:24:00	09:15:27	09:52	21:29	22:25:13		
08/21/2019	Wed+	64.6	10.285			04:06:20	09:38:35	10:54	21:55	23:28:46		
08/22/2019	Thr+	54.8	14.184			04:50:33	10:04:20	11:57	22:23			

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.									
08/23/2019	Fri+	44.5	17.491		00:34:00	05:37:35	10:34:18	13:02	22:57			
08/24/2019	Sat+	34.1	19.969		01:40:31	06:28:08	11:10:30	14:07	23:39			
08/25/2019	Sun+	24.1	21.361		02:46:55	07:22:34	11:55:11	15:12				
08/26/2019	Mon+	15.1	21.439	00:29	03:50:37	08:20:32	12:50:13	16:13				
08/27/2019	Tue+	7.7	20.065	01:30	04:48:42	09:20:53	13:56:01	17:08				
08/28/2019	Wed+	2.5	17.251	02:40	05:39:12	10:21:55	15:10:39	17:55				
08/29/2019	Thr+	0.2	13.178	03:56	06:21:56	11:21:55	16:30:31	18:36				
08/30/2019	Fri+	1.0	8.169	05:16	06:58:12	12:19:50	17:52:00	19:11				
08/31/2019	Sat+	4.7	2.624	06:35	07:29:52	13:15:23	19:12:46	19:43				
09/01/2019	Sun+	11.1	-3.050	07:54	07:58:50	14:08:58		20:12				
09/02/2019	Mon+	19.6	-8.477	09:10		15:01:18		20:42				
09/03/2019	Tue+	29.4	-13.347	10:24		15:53:05		21:13				
09/04/2019	Wed+	39.9	-17.414	11:36		16:44:53		21:47				
09/05/2019	Thr+	50.5	-20.501	12:45		17:36:57		22:24				
09/06/2019	Fri+	60.7	-22.492	13:48		18:29:11		23:07				
09/07/2019	Sat+	70.3	-23.340	14:46		19:21:06		23:55				
09/08/2019	Sun+	78.8	-23.058	15:38		20:12:05						
09/09/2019	Mon+	86.1	-21.721					00:48	16:21		21:01:32	
09/10/2019	Tue+	92.0	-19.446					01:45	16:59		21:49:03	
09/11/2019	Wed+	96.3	-16.382					02:44	17:31		22:34:32	
09/12/2019	Thr+	98.9	-12.690					03:45	17:59		23:18:10	
09/13/2019	Fri+	99.8	-8.534					04:45	18:24			
09/14/2019	Sat+	99.0	-4.079			00:00:24		05:45	18:47			
09/15/2019	Sun+	96.3	0.517			00:41:48		06:45	19:10	19:16:10		
09/16/2019	Mon+	91.9	5.093			01:23:04	07:20:10	07:46	19:33	20:18:11		
09/17/2019	Tue+	86.0	9.482			02:04:57	07:42:36	08:47	19:58	21:21:12		
09/18/2019	Wed+	78.5	13.506			02:48:16	08:07:02	09:49	20:25	22:25:27		
09/19/2019	Thr+	69.8	16.969			03:33:48	08:34:54	10:53	20:56	23:30:41		
09/20/2019	Fri+	60.0	19.657			04:22:11	09:07:54	11:57	21:34			
09/21/2019	Sat+	49.5	21.348		00:35:52	05:13:52	09:48:00	13:01	22:19			
09/22/2019	Sun+	38.7	21.836		01:39:00	06:08:46	10:37:09	14:01	23:13			
09/23/2019	Mon+	28.2	20.975		02:37:35	07:06:14	11:36:24	14:57				
09/24/2019	Tue+	18.4	18.722	00:17	03:29:33	08:05:05	12:45:09	15:46				
09/25/2019	Wed+	10.1	15.167	01:29	04:14:12	09:03:56	14:00:59	16:28				
09/26/2019	Thr+	4.1	10.533	02:46	04:52:17	10:01:42	15:20:45	17:05				
09/27/2019	Fri+	0.7	5.147	04:05	05:25:22	10:57:54	16:41:48	17:38				
09/28/2019	Sat+	0.4	-0.601	05:24	05:55:15	11:52:37	18:02:36	18:08				
09/29/2019	Sun+	3.1	-6.309	06:43		12:46:22		18:38				
09/30/2019	Mon+	8.5	-11.599	08:00		13:39:45		19:09				
10/01/2019	Tue+	15.9	-16.152	09:16		14:33:15		19:42				
10/02/2019	Wed+	24.8	-19.726	10:29		15:27:06		20:19				
10/03/2019	Thr+	34.6	-22.162	11:37		16:21:05		21:01				
10/04/2019	Fri+	44.8	-23.393	12:40		17:14:40		21:48				
10/05/2019	Sat+	54.8	-23.431	13:34		18:07:07		22:41				
10/06/2019	Sun+	64.4	-22.357	14:21		18:57:45		23:37				
10/07/2019	Mon+	73.2	-20.298	15:01		19:46:11						
10/08/2019	Tue+	81.1	-17.404					00:36	15:34		20:32:21	
10/09/2019	Wed+	87.9	-13.833					01:37	16:03		21:16:27	
10/10/2019	Thr+	93.3	-9.744					02:37	16:29		21:59:00	
10/11/2019	Fri+	97.1	-5.294					03:37	16:52		22:40:35	

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.									
10/12/2019	Sat+	99.3	-0.640					04:38	17:15		23:21:56	
10/13/2019	Sun+	99.7	4.053				05:25:22	05:39	17:38	18:10:43		
10/14/2019	Mon+	98.3	8.608			00:03:46	05:47:18	06:40	18:02	19:14:03		
10/15/2019	Tue+	94.9	12.833			00:46:52	06:10:55	07:43	18:28	20:18:38		
10/16/2019	Wed+	89.8	16.521			01:31:56	06:37:30	08:46	18:58	21:24:11		
10/17/2019	Thr+	82.9	19.452			02:19:34	07:08:34	09:51	19:33	22:29:43		
10/18/2019	Fri+	74.4	21.408			03:10:06	07:45:56	10:55	20:15	23:33:21		
10/19/2019	Sat+	64.7	22.201			04:03:28	08:31:21	11:56	21:05			
10/20/2019	Sun+	54.1	21.701		00:32:41	04:59:06	09:26:00	12:52	22:04			
10/21/2019	Mon+	43.0	19.871		01:25:35	05:55:58	10:29:42	13:42	23:11			
10/22/2019	Tue+	32.0	16.775		02:11:11	06:52:54	11:40:43	14:25				
10/23/2019	Wed+	21.7	12.581	00:24	02:49:59	07:48:59	12:56:27	15:02				
10/24/2019	Thr+	12.8	7.542	01:40	03:23:25	08:43:48	14:14:33	15:35				
10/25/2019	Fri+	5.9	1.973	02:57	03:53:15	09:37:26	15:33:32	16:05				
10/26/2019	Sat+	1.6	-3.770	04:14	04:21:10	10:30:26		16:35				
10/27/2019	Sun+	0.2	-9.317	05:32		11:23:27		17:04				
10/28/2019	Mon+	1.6	-14.308	06:49		12:17:06		17:36				
10/29/2019	Tue+	5.6	-18.429	08:05		13:11:41		18:11				
10/30/2019	Wed+	11.7	-21.442	09:18		14:07:05		18:51				
10/31/2019	Thr+	19.5	-23.211	10:25		15:02:36		19:37				
11/01/2019	Fri+	28.4	-23.706	11:25		15:57:18		20:29				
11/02/2019	Sat+	37.9	-22.997	12:17		16:50:09		21:26				
11/03/2019	Sun	47.6	-21.219	13:00		17:40:30		22:25				
11/04/2019	Mon	57.1	-18.539	13:36		18:28:06		23:26				
11/05/2019	Tue	66.3	-15.131	14:07		19:13:10						
11/06/2019	Wed	74.9	-11.158					00:27	14:33		19:56:14	
11/07/2019	Thr	82.5	-6.773					01:27	14:57		20:38:00	
11/08/2019	Fri	89.1	-2.124					02:28	15:20		21:19:15	
11/09/2019	Sat	94.3	2.636					03:28	15:42	15:59:57	22:00:50	
11/10/2019	Sun	97.9	7.338				03:51:50	04:30	16:05	17:03:21	22:43:35	
11/11/2019	Mon	99.7	11.788				04:14:38	05:32	16:31	18:08:16	23:28:19	
11/12/2019	Tue	99.5	15.765				04:40:03	06:37	16:59	19:14:40		
11/13/2019	Wed	97.3	19.024			00:15:40	05:09:35	07:42	17:33	20:21:41		
11/14/2019	Thr	93.0	21.321			01:06:02	05:45:01	08:48	18:13	21:27:25		
11/15/2019	Fri	86.6	22.444			01:59:20	06:28:08	09:51	19:01	22:29:13		
11/16/2019	Sat	78.5	22.256			02:54:57	07:20:15	10:50	19:58	23:24:32		
11/17/2019	Sun	68.9	20.726			03:51:42	08:21:18	11:42	21:02			
11/18/2019	Mon	58.2	17.933		00:12:02	04:48:15	09:29:40	12:26	22:12			
11/19/2019	Tue	46.9	14.053		00:52:02	05:43:35	10:42:41	13:04	23:25			
11/20/2019	Wed	35.6	9.323		01:25:57	06:37:13	11:57:57	13:37				
11/21/2019	Thr	25.0	4.020	00:39	01:55:35	07:29:18	13:14:01	14:07				
11/22/2019	Fri	15.6	-1.558	01:54	02:22:44	08:20:27	14:30:23	14:35				
11/23/2019	Sat	8.1	-7.096	03:09		09:11:29		15:03				
11/24/2019	Sun	3.0	-12.269	04:24		10:03:14		15:32				
11/25/2019	Mon	0.4	-16.759	05:40		10:56:22		16:05				
11/26/2019	Tue	0.4	-20.283	06:54		11:51:04		16:42				
11/27/2019	Wed	2.9	-22.626	08:05		12:46:57		17:25				
11/28/2019	Thr	7.6	-23.681	09:10		13:43:03		18:15				
11/29/2019	Fri	14.0	-23.456	10:07		14:38:02		19:10				
11/30/2019	Sat	21.7	-22.060	10:55		15:30:46		20:10				

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.									
12/01/2019	Sun	30.4	-19.668	11:35		16:20:34		21:12				
12/02/2019	Mon	39.5	-16.473	12:08		17:07:21		22:13				
12/03/2019	Tue	49.0	-12.660	12:36		17:51:32		23:15				
12/04/2019	Wed	58.4	-8.394	13:01		18:33:47						
12/05/2019	Thr	67.5	-3.824					00:15	13:24		19:14:59	
12/06/2019	Fri	76.0	0.911					01:15	13:46	13:46:15	19:56:04	
12/07/2019	Sat	83.7	5.662				01:55:47	02:16	14:08	14:48:49	20:37:59	
12/08/2019	Sun	90.3	10.256				02:17:37	03:18	14:32	15:52:58	21:21:40	
12/09/2019	Mon	95.4	14.487				02:41:36	04:22	14:59	16:59:04	22:08:00	
12/10/2019	Tue	98.7	18.105				03:09:13	05:28	15:31	18:06:45	22:57:38	
12/11/2019	Wed	100.0	20.836				03:42:16	06:34	16:08	19:14:34	23:50:45	
12/12/2019	Thr	99.0	22.414				04:22:46	07:40	16:54	20:19:48		
12/13/2019	Fri	95.6	22.642			00:46:54	05:12:28	08:42	17:49	21:19:18		
12/14/2019	Sat	89.9	21.444			01:44:52	06:11:53	09:38	18:52	22:10:47		
12/15/2019	Sun	82.1	18.895			02:42:59	07:19:35	10:26	20:02	22:53:52		
12/16/2019	Mon	72.6	15.190			03:39:45	08:32:33	11:07	21:15	23:29:47		
12/17/2019	Tue	61.9	10.604			04:34:19	09:47:45	11:41	22:29			
12/18/2019	Wed	50.6	5.433		00:00:25	05:26:35	11:03:11	12:11	23:43			
12/19/2019	Thr	39.2	-0.024		00:27:41	06:17:06	12:18:08	12:39				
12/20/2019	Fri	28.4	-5.480	00:56		07:06:46		13:06				
12/21/2019	Sat	18.8	-10.653	02:09		07:56:34		13:34				
12/22/2019	Sun	10.9	-15.268	03:22		08:47:24		14:04				
12/23/2019	Mon	4.9	-19.062	04:35		09:39:52		14:38				
12/24/2019	Tue	1.3	-21.806	05:46		10:34:04		15:17				
12/25/2019	Wed	0.0	-23.341	06:53		11:29:28		16:03				
12/26/2019	Thr	1.0	-23.604	07:54		12:24:54		16:56				
12/27/2019	Fri	4.1	-22.646	08:46		13:19:02		17:54				
12/28/2019	Sat	9.0	-20.605	09:30		14:10:44		18:56				
12/29/2019	Sun	15.4	-17.671	10:06		14:59:27		19:58				
12/30/2019	Mon	23.0	-14.047	10:37		15:45:12		21:01				
12/31/2019	Tue	31.4	-9.920	11:03		16:28:30		22:02				
01/01/2020	Wed	40.5	-5.455	11:27		17:10:05		23:02				
01/02/2020	Thr	49.8	-0.797	11:49		17:50:53	23:59:17					
01/03/2020	Fri	59.3	3.916					00:02	12:11	12:33:46	18:31:53	
01/04/2020	Sat	68.5	8.538				00:20:17	01:03	12:34	13:36:21	19:14:05	
01/05/2020	Sun	77.3	12.895				00:42:46	02:05	12:59	14:40:41	19:58:30	
01/06/2020	Mon	85.2	16.772				01:08:08	03:09	13:27	15:47:02	20:46:02	
01/07/2020	Tue	91.8	19.907				01:38:06	04:15	14:02	16:54:43	21:37:20	
01/08/2020	Wed	96.7	22.010				02:14:44	05:21	14:44	18:01:49	22:32:28	
01/09/2020	Thr	99.5	22.812				03:00:17	06:26	15:35	19:05:13	23:30:41	
01/10/2020	Fri	99.8	22.137				03:56:16	07:26	16:36	20:01:43		
01/11/2020	Sat	97.5	19.972			00:30:23	05:02:20	08:19	17:46	20:49:41		
01/12/2020	Sun	92.6	16.480			01:29:41	06:15:52	09:04	19:00	21:29:30		
01/13/2020	Mon	85.3	11.955			02:27:02	07:33:05	09:42	20:17	22:02:52		
01/14/2020	Tue	76.1	6.751			03:21:46	08:50:53	10:14	21:32	22:31:49		
01/15/2020	Wed	65.6	1.221			04:14:01	10:07:41	10:43	22:47	22:58:15		
01/16/2020	Thr	54.4	-4.311			05:04:32		11:11				
01/17/2020	Fri	43.1	-9.556	00:00		05:54:18		11:38				
01/18/2020	Sat	32.3	-14.259	01:13		06:44:17		12:07				
01/19/2020	Sun	22.6	-18.187	02:24		07:35:17		12:38				

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.									
01/20/2020	Mon	14.3	-21.140	03:35		08:27:44		13:15				
01/21/2020	Tue	7.7	-22.964	04:42		09:21:30		13:58				
01/22/2020	Wed	3.1	-23.576	05:44		10:15:55		14:47				
01/23/2020	Thr	0.6	-22.982	06:39		11:09:50		15:42				
01/24/2020	Fri	0.1	-21.275	07:25		12:02:07		16:43				
01/25/2020	Sat	1.7	-18.615	08:04		12:51:55		17:45				
01/26/2020	Sun	5.0	-15.194	08:37		13:38:55		18:48				
01/27/2020	Mon	10.0	-11.207	09:05		14:23:19		19:50				
01/28/2020	Tue	16.4	-6.836	09:29		15:05:38		20:50				
01/29/2020	Wed	23.9	-2.241	09:52		15:46:39		21:51				
01/30/2020	Thr	32.4	2.432	10:14	10:21:16	16:27:14	22:23:19	22:51				
01/31/2020	Fri	41.5	7.041	10:36	11:22:45	17:08:20	22:44:42	23:51				
02/01/2020	Sat	51.1	11.435	10:59	12:25:17	17:50:55	23:08:09					
02/02/2020	Sun	60.8	15.437					00:53	11:26	13:29:25	18:35:59	23:35:10
02/03/2020	Mon	70.4	18.830					01:57	11:56	14:35:06	19:24:21	
02/04/2020	Tue	79.4	21.355				00:07:38	03:02	12:33	15:41:21	20:16:34	
02/05/2020	Wed	87.3	22.733				00:47:48	04:06	13:19	16:45:53	21:12:33	
02/06/2020	Thr	93.8	22.719				01:37:51	05:09	14:15	17:45:41	22:11:25	
02/07/2020	Fri	98.1	21.176				02:38:53	06:05	15:21	18:38:09	23:11:32	
02/08/2020	Sat	99.9	18.144				03:49:50	06:54	16:35	19:22:27		
02/09/2020	Sun	98.8	13.842			00:11:05	05:07:26	07:36	17:53	19:59:33		
02/10/2020	Mon	94.9	8.629			01:08:44	06:27:50	08:12	19:12	20:31:16		
02/11/2020	Tue	88.3	2.916			02:04:01	07:48:14	08:43	20:30	20:59:33		
02/12/2020	Wed	79.6	-2.891			02:57:11	09:07:21	09:12	21:47			
02/13/2020	Thr	69.5	-8.432			03:48:59		09:40	23:02			
02/14/2020	Fri	58.6	-13.407			04:40:18		10:09				
02/15/2020	Sat	47.5	-17.574	00:15		05:31:57		10:40				
02/16/2020	Sun	36.8	-20.742	01:27		06:24:26		11:15				
02/17/2020	Mon	27.0	-22.779	02:35		07:17:48		11:56				
02/18/2020	Tue	18.4	-23.618	03:39		08:11:39		12:43				
02/19/2020	Wed	11.3	-23.268	04:35		09:05:07		13:36				
02/20/2020	Thr	5.8	-21.807	05:23		09:57:15		14:34				
02/21/2020	Fri	2.1	-19.373	06:04		10:47:16		15:35				
02/22/2020	Sat	0.3	-16.137	06:38		11:34:46		16:38				
02/23/2020	Sun	0.4	-12.283	07:07		12:19:46		17:40				
02/24/2020	Mon	2.3	-7.993	07:33		13:02:39		18:41				
02/25/2020	Tue	5.9	-3.435	07:56		13:44:01		19:41				
02/26/2020	Wed	11.0	1.234	08:17		14:24:38	20:27:19	20:41				
02/27/2020	Thr	17.5	5.863	08:39	09:13:06	15:05:19	20:48:03	21:42				
02/28/2020	Fri	25.3	10.303	09:02	10:14:54	15:46:54	21:10:14	22:43				
02/29/2020	Sat	34.0	14.390	09:26	11:17:42	16:30:17	21:35:09	23:45				
03/01/2020	Sun	43.5	17.937	09:54	12:21:39	17:16:17	22:04:25					
03/02/2020	Mon	53.5	20.729					00:48	10:28	13:26:15	18:05:30	22:39:59
03/03/2020	Tue	63.7	22.523					01:51	11:08	14:29:57	18:58:15	23:24:00
03/04/2020	Wed	73.6	23.081					02:53	11:58	15:30:23	19:54:11	
03/05/2020	Thr	82.7	22.215				00:18:13	03:51	12:57	16:24:59	20:52:21	
03/06/2020	Fri	90.4	19.850				01:23:02	04:42	14:06	17:12:16	21:51:18	
03/07/2020	Sat	96.2	16.074				02:36:42	05:27	15:22	17:52:19	22:49:40	
03/08/2020	Sun+	99.3	11.137				03:55:59	06:05	16:41	18:26:29	23:46:35	
03/09/2020	Mon+	99.5	5.417				05:17:41	06:38	18:02	18:56:36		

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.									
03/10/2020	Tue+	96.7	-0.647			00:41:51	06:39:38	07:09	19:22	19:24:28		
03/11/2020	Wed+	91.1	-6.613			01:35:53		07:38	20:40			
03/12/2020	Thr+	83.2	-12.082			02:29:22		08:07	21:58			
03/13/2020	Fri+	73.7	-16.729			03:22:59		08:38	23:14			
03/14/2020	Sat+	63.3	-20.317			04:17:11		09:13				
03/15/2020	Sun+	52.6	-22.695	00:26		05:12:02		09:53				
03/16/2020	Mon+	42.1	-23.805	01:33		06:07:03		10:39				
03/17/2020	Tue+	32.2	-23.674	02:32		07:01:27		11:31				
03/18/2020	Wed+	23.3	-22.401	03:23		07:54:18		12:28				
03/19/2020	Thr+	15.6	-20.132	04:06		08:44:52		13:28				
03/20/2020	Fri+	9.3	-17.039	04:41		09:32:47		14:30				
03/21/2020	Sat+	4.6	-13.299	05:11		10:18:09		15:32				
03/22/2020	Sun+	1.5	-9.083	05:37		11:01:19		16:33				
03/23/2020	Mon+	0.2	-4.557	06:01		11:42:54		17:34				
03/24/2020	Tue+	0.7	0.124	06:22		12:23:35	18:32:35	18:34				
03/25/2020	Wed+	3.0	4.804	06:44	07:05:37	13:04:09	18:52:52	19:35				
03/26/2020	Thr+	6.9	9.328	07:06	08:07:26	13:45:22	19:14:15	20:35				
03/27/2020	Fri+	12.5	13.530	07:29	09:10:04	14:28:01	19:37:51	21:37				
03/28/2020	Sat+	19.5	17.228	07:56	10:13:36	15:12:49	20:05:05	22:40				
03/29/2020	Sun+	27.8	20.223	08:27	11:17:38	16:00:19	20:37:37	23:43				
03/30/2020	Mon+	37.2	22.302	09:04	12:20:54	16:50:49	21:17:23					
03/31/2020	Tue+	47.4	23.255					00:44	9:48	13:21:21	17:44:11	22:06:07
04/01/2020	Wed+	57.9	22.906					01:42	10:42	14:16:42	18:39:44	23:04:45
04/02/2020	Thr+	68.5	21.154					02:34	11:45	15:05:15	19:36:27	
04/03/2020	Fri+	78.5	18.008				00:12:31	03:20	12:56	15:46:45	20:33:11	
04/04/2020	Sat+	87.3	13.610				01:27:14	03:59	14:12	16:22:09	21:29:11	
04/05/2020	Sun+	94.1	8.223				02:46:07	04:34	15:30	16:53:04	22:24:08	
04/06/2020	Mon+	98.4	2.215				04:07:01	05:05	16:50	17:21:16	23:18:21	
04/07/2020	Tue+	99.8	-3.986				05:28:42	05:34	18:10			
04/08/2020	Wed+	98.1	-9.927			00:12:24		06:03	19:30			
04/09/2020	Thr+	93.6	-15.187			01:06:59		06:33	20:50			
04/10/2020	Fri+	86.8	-19.419			02:02:36		07:07	22:07			
04/11/2020	Sat+	78.1	-22.381			02:59:18		07:45	23:19			
04/12/2020	Sun+	68.4	-23.963			03:56:34		08:30				
04/13/2020	Mon+	58.2	-24.180	00:24		04:53:21		09:21				
04/14/2020	Tue+	48.0	-23.149	01:20		05:48:29		10:19				
04/15/2020	Wed+	38.1	-21.047	02:06		06:40:58		11:19				
04/16/2020	Thr+	28.9	-18.073	02:44		07:30:20		12:22				
04/17/2020	Fri+	20.7	-14.422	03:16		08:16:40		13:24				
04/18/2020	Sat+	13.6	-10.270	03:43		09:00:25		14:26				
04/19/2020	Sun+	7.8	-5.778	04:06		09:42:16		15:27				
04/20/2020	Mon+	3.6	-1.096	04:28		10:22:59		16:27				
04/21/2020	Tue+	1.0	3.630	04:49	04:58:00	11:03:26	16:58:44	17:27				
04/22/2020	Wed+	0.1	8.246	05:11	05:59:55	11:44:23	17:19:27	18:28				
04/23/2020	Thr+	1.1	12.584	05:34	07:02:41	12:26:40	17:42:04	19:30				
04/24/2020	Fri+	4.0	16.459	05:59	08:06:31	13:10:57	18:07:54	20:33				
04/25/2020	Sat+	8.7	19.669	06:28	09:11:04	13:57:47	18:38:29	21:37				
04/26/2020	Sun+	15.1	22.002	07:03	10:15:07	14:47:25	19:15:35	22:39				
04/27/2020	Mon+	23.0	23.257	07:45	11:16:41	15:39:41	20:00:56	23:38				
04/28/2020	Tue+	32.3	23.272	08:35	12:13:20	16:33:55	20:55:28					

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.									
04/29/2020	Wed+	42.6	21.955					00:31	9:34	13:03:12	17:29:08	21:58:49
04/30/2020	Thr+	53.5	19.306					01:18	10:40	13:45:47	18:24:16	23:09:09
05/01/2020	Fri+	64.6	15.429					01:58	11:52	14:21:51	19:18:34	
05/02/2020	Sat+	75.1	10.517				00:24:02	02:33	13:07	14:52:56	20:11:50	
05/03/2020	Sun+	84.6	4.848				01:41:26	03:04	14:24	15:20:47	21:04:22	
05/04/2020	Mon+	92.2	-1.234				03:00:15	03:32	15:41	15:47:07	21:56:49	
05/05/2020	Tue+	97.4	-7.329					04:00	17:00		22:50:02	
05/06/2020	Wed+	99.8	-13.010					04:29	18:20		23:44:47	
05/07/2020	Thr+	99.2	-17.862					05:00	19:39			
05/08/2020	Fri+	95.8	-21.534			00:41:26		05:36	20:56			
05/09/2020	Sat+	90.1	-23.795			01:39:43		06:18	22:07			
05/10/2020	Sun+	82.5	-24.575			02:38:36		07:08	23:09			
05/11/2020	Mon+	73.7	-23.951			03:36:32		08:04				
05/12/2020	Tue+	64.1	-22.114	00:02		04:32:01		09:06				
05/13/2020	Wed+	54.3	-19.298	00:44		05:24:06		10:09				
05/14/2020	Thr+	44.5	-15.738	01:18		06:12:33		11:13				
05/15/2020	Fri+	35.1	-11.639	01:47		06:57:46		12:16				
05/16/2020	Sat+	26.3	-7.176	02:12		07:40:28		13:18				
05/17/2020	Sun+	18.4	-2.500	02:34		08:21:32		14:18				
05/18/2020	Mon+	11.7	2.250	02:55		09:01:56	15:04:44	15:19				
05/19/2020	Tue+	6.3	6.932	03:16	03:50:29	09:42:33	15:24:53	16:19				
05/20/2020	Wed+	2.5	11.388	03:38	04:53:05	10:24:19	15:46:35	17:21				
05/21/2020	Thr+	0.4	15.440	04:02	05:56:57	11:08:02	16:11:07	18:24				
05/22/2020	Fri+	0.2	18.880	04:30	07:02:01	11:54:21	16:40:00	19:28				
05/23/2020	Sat+	2.1	21.488	05:03	08:07:18	12:43:36	17:15:01	20:32				
05/24/2020	Sun+	6.0	23.048	05:43	09:10:51	13:35:42	17:57:56	21:33				
05/25/2020	Mon+	11.8	23.383	06:31	10:10:02	14:29:58	18:49:58	22:29				
05/26/2020	Tue+	19.5	22.396	07:28	11:02:28	15:25:15	19:50:55	23:18				
05/27/2020	Wed+	28.7	20.091	08:32	11:47:08	16:20:17	20:59:00					
05/28/2020	Thr+	39.2	16.574					00:00	9:41	12:24:35	17:14:10	22:11:37
05/29/2020	Fri+	50.4	12.031					00:36	10:54	12:56:18	18:06:31	23:26:31
05/30/2020	Sat+	61.7	6.710					01:07	12:08	13:24:06	18:57:35	
05/31/2020	Sun+	72.6	0.900				00:42:28	01:35	13:23	13:49:43	19:48:06	
06/01/2020	Mon+	82.4	-5.072				01:59:12	02:01	14:38		20:38:59	
06/02/2020	Tue+	90.5	-10.842					02:28	15:55		21:31:14	
06/03/2020	Wed+	96.3	-16.024					02:57	17:13		22:25:37	
06/04/2020	Thr+	99.4	-20.238					03:30	18:30		23:22:26	
06/05/2020	Fri+	99.8	-23.168					04:08	19:45			
06/06/2020	Sat+	97.6	-24.622			00:21:07		04:54	20:52			
06/07/2020	Sun+	93.1	-24.574			01:20:18		05:47	21:50			
06/08/2020	Mon+	86.6	-23.158			02:18:10		06:48	22:38			
06/09/2020	Tue+	78.8	-20.609			03:13:08		07:52	23:17			
06/10/2020	Wed+	70.0	-17.194			04:04:23		08:58	23:49			
06/11/2020	Thr+	60.7	-13.162			04:51:53		10:03				
06/12/2020	Fri+	51.1	-8.723	00:15		05:36:13		11:06				
06/13/2020	Sat+	41.6	-4.047	00:38		06:18:14		12:07				
06/14/2020	Sun+	32.4	0.721	01:00		06:58:56		13:08				
06/15/2020	Mon+	23.9	5.446	01:21	01:38:57	07:39:22	13:29:43	14:08				
06/16/2020	Tue+	16.2	9.986	01:42	02:41:06	08:20:29	13:50:35	15:09				
06/17/2020	Wed+	9.7	14.179	02:05	03:44:23	09:03:17	14:13:46	16:12				

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.									
06/18/2020	Thr+	4.6	17.831	02:32	04:49:07	09:48:35	14:40:47	17:16				
06/19/2020	Fri+	1.3	20.722	03:02	05:54:52	10:36:59	15:13:25	18:21				
06/20/2020	Sat+	0.0	22.618	03:40	07:00:05	11:28:39	15:53:38	19:24				
06/21/2020	Sun+	0.9	23.312	04:25	08:02:08	12:23:05	16:43:05	20:23				
06/22/2020	Mon+	4.0	22.670	05:20	08:58:09	13:19:10	17:42:09	21:15				
06/23/2020	Tue+	9.5	20.669	06:23	09:46:19	14:15:26	18:49:21	22:00				
06/24/2020	Wed+	16.9	17.410	07:32	10:26:32	15:10:31	20:01:47	22:38				
06/25/2020	Thr+	26.2	13.090	08:44	11:00:07	16:03:43	21:16:35	23:11				
06/26/2020	Fri+	36.7	7.970	09:58	11:28:53	16:55:01	22:31:58	23:39				
06/27/2020	Sat+	48.1	2.340	11:12	11:54:42	17:44:58	23:47:22					
06/28/2020	Sun+	59.6	-3.492					00:06	12:26		18:34:32	
06/29/2020	Mon+	70.6	-9.208					00:32	13:40		19:24:46	
06/30/2020	Tue+	80.5	-14.475					00:59	14:55		20:16:39	
07/01/2020	Wed+	88.8	-18.953					01:29	16:11		21:10:51	
07/02/2020	Thr+	94.9	-22.323					02:03	17:25		22:07:25	
07/03/2020	Fri+	98.7	-24.336					02:45	18:35		23:05:35	
07/04/2020	Sat+	100.0	-24.872					03:34	19:37			
07/05/2020	Sun+	98.9	-23.967			00:03:48		04:31	20:29			
07/06/2020	Mon+	95.5	-21.799			01:00:17		05:34	21:12			
07/07/2020	Tue+	90.3	-18.622			01:53:42		06:40	21:47			
07/08/2020	Wed+	83.6	-14.711			02:43:27		07:47	22:16			
07/09/2020	Thr+	75.7	-10.311			03:29:41		08:51	22:41			
07/10/2020	Fri+	67.0	-5.628			04:13:06		09:54	23:03			
07/11/2020	Sat+	57.8	-0.829			04:54:35		10:55	23:24	23:26:15		
07/12/2020	Sun+	48.3	3.944			05:35:09	11:33:41	11:56	23:45			
07/13/2020	Mon+	38.9	8.553	00:28:07		06:15:49	11:53:54	12:57				
07/14/2020	Tue+	29.8	12.852	00:08	01:30:36	06:57:36	12:15:50	13:58				
07/15/2020	Wed+	21.3	16.673	00:32	02:34:19	07:41:28	12:40:53	15:01				
07/16/2020	Thr+	13.7	19.813	01:01	03:39:20	08:28:14	13:10:46	16:06				
07/17/2020	Fri+	7.4	22.046	01:35	04:44:48	09:18:24	13:47:30	17:09				
07/18/2020	Sat+	2.9	23.142	02:17	05:48:38	10:11:57	14:33:10	18:11				
07/19/2020	Sun+	0.4	22.921	03:08	06:47:56	11:08:05	15:29:02	19:07				
07/20/2020	Mon+	0.3	21.301	04:09	07:40:09	12:05:25	16:34:30	19:56				
07/21/2020	Tue+	2.7	18.334	05:17	08:24:15	13:02:20	17:47:01	20:37				
07/22/2020	Wed+	7.7	14.201	06:31	09:00:54	13:57:37	19:03:11	21:12				
07/23/2020	Thr+	14.9	9.176	07:46	09:31:50	14:50:46	20:20:17	21:42				
07/24/2020	Fri+	24.1	3.578	09:02	09:58:56	15:42:01	21:37:01	22:10				
07/25/2020	Sat+	34.7	-2.260	10:16	10:24:01	16:32:09		22:36				
07/26/2020	Sun+	46.0	-8.010	11:31		17:22:08		23:03				
07/27/2020	Mon+	57.5	-13.352	12:45		18:13:00		23:31				
07/28/2020	Tue+	68.4	-17.978	14:00		19:05:33						
07/29/2020	Wed+	78.3	-21.598					00:04	15:13		20:00:10	
07/30/2020	Thr+	86.7	-23.972					00:42	16:23		20:56:34	
07/31/2020	Fri+	93.2	-24.948					01:27	17:27		21:53:41	
08/01/2020	Sat+	97.5	-24.499					02:20	18:22		22:50:02	
08/02/2020	Sun+	99.7	-22.733					03:21	19:08		23:44:10	
08/03/2020	Mon+	99.6	-19.859					04:25	19:45			
08/04/2020	Tue+	97.5	-16.135			00:35:10		05:31	20:16			
08/05/2020	Wed+	93.6	-11.820			01:22:49		06:37	20:43			
08/06/2020	Thr+	88.0	-7.143			02:07:29		07:41	21:06			

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.									
08/07/2020	Fri+	81.2	-2.301			02:49:52		08:43	21:27			
08/08/2020	Sat+	73.2	2.541			03:30:51	09:37:14	09:44	21:48	22:15:50		
08/09/2020	Sun+	64.5	7.237			04:11:23	09:57:03	10:45	22:10	23:17:52		
08/10/2020	Mon+	55.2	11.645			04:52:27	10:17:59	11:46	22:33			
08/11/2020	Tue+	45.6	15.609		00:20:37	05:35:00	10:41:17	12:48	22:59			
08/12/2020	Wed+	36.0	18.955		01:24:25	06:19:55	11:08:31	13:51	23:31			
08/13/2020	Thr+	26.8	21.479		02:28:57	07:07:54	11:41:33	14:54				
08/14/2020	Fri+	18.2	22.963	00:08	03:32:54	07:59:18	12:22:31	15:56				
08/15/2020	Sat+	10.8	23.206	00:55	04:33:52	08:53:51	13:13:21	16:54				
08/16/2020	Sun+	5.0	22.070	01:51	05:29:10	09:50:39	14:14:39	17:46				
08/17/2020	Mon+	1.3	19.532	02:57	06:16:59	10:48:14	15:25:01	18:31				
08/18/2020	Tue+	0.2	15.704	04:09	06:57:08	11:45:10	16:41:21	19:09				
08/19/2020	Wed+	1.8	10.824	05:26	07:30:53	12:40:28	18:00:20	19:42				
08/20/2020	Thr+	6.1	5.219	06:44	08:00:00	13:33:56	19:19:45	20:11				
08/21/2020	Fri+	13.0	-0.744	08:01	08:26:21	14:25:59		20:38				
08/22/2020	Sat+	22.0	-6.690	09:18		15:17:23		21:05				
08/23/2020	Sun+	32.4	-12.263	10:34		16:09:04		21:33				
08/24/2020	Mon+	43.5	-17.134	11:50		17:01:51		22:05				
08/25/2020	Tue+	54.8	-21.016	13:05		17:56:10		22:41				
08/26/2020	Wed+	65.6	-23.680	14:16		18:51:55		23:24				
08/27/2020	Thr+	75.4	-24.979	15:21		19:48:22						
08/28/2020	Fri+	83.9	-24.876					00:14	16:18		20:44:17	
08/29/2020	Sat+	90.7	-23.447					01:12	17:06		21:38:22	
08/30/2020	Sun+	95.7	-20.866					02:15	17:46		22:29:42	
08/31/2020	Mon+	98.8	-17.360					03:20	18:18		23:17:56	
09/01/2020	Tue+	99.8	-13.174					04:25	18:45			
09/02/2020	Wed+	99.0	-8.542			00:03:15		05:29	19:09			
09/03/2020	Thr+	96.3	-3.672			00:46:13		06:32	19:31			
09/04/2020	Fri+	92.0	1.250			01:27:35		07:34	19:52	20:05:14		
09/05/2020	Sat+	86.1	6.060			02:08:11	08:00:53	08:35	20:13	21:07:19		
09/06/2020	Sun+	79.1	10.604			02:48:54	08:21:04	09:36	20:35	22:09:40		
09/07/2020	Mon+	70.9	14.727			03:30:37	08:43:04	10:37	21:00	23:12:43		
09/08/2020	Tue+	61.9	18.264			04:14:08	09:08:11	11:39	21:28			
09/09/2020	Wed+	52.4	21.035		00:16:20	05:00:10	09:38:04	12:41	22:02			
09/10/2020	Thr+	42.5	22.847		01:19:39	05:49:12	10:14:42	13:43	22:44			
09/11/2020	Fri+	32.6	23.512		02:20:52	06:41:17	11:00:02	14:42	23:35			
09/12/2020	Sat+	23.1	22.877		03:17:36	07:35:58	11:55:28	15:35				
09/13/2020	Sun+	14.6	20.868	00:35	04:07:47	08:32:14	13:00:49	16:23				
09/14/2020	Mon+	7.6	17.519	01:44	04:50:38	09:28:52	14:14:03	17:03				
09/15/2020	Tue+	2.6	12.986	02:59	05:26:48	10:24:47	15:32:12	17:38				
09/16/2020	Wed+	0.3	7.535	04:17	05:57:49	11:19:30	16:52:37	18:09				
09/17/2020	Thr+	0.9	1.517	05:36	06:25:28	12:13:06	18:13:43	18:37				
09/18/2020	Fri+	4.6	-4.669	06:55		13:06:08		19:04				
09/19/2020	Sat+	10.9	-10.610	08:15		13:59:23		19:33				
09/20/2020	Sun+	19.3	-15.913	09:34		14:53:36		20:04				
09/21/2020	Mon+	29.3	-20.235	10:52		15:49:12		20:39				
09/22/2020	Tue+	40.1	-23.311	12:07		16:46:05		21:21				
09/23/2020	Wed+	51.1	-24.980	13:15		17:43:31		22:09				
09/24/2020	Thr+	61.7	-25.205	14:16		18:40:15		23:05				
09/25/2020	Fri+	71.5	-24.066	15:06		19:35:02						

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.									
09/26/2020	Sat+	80.1	-21.735					00:07	15:48		20:26:56	
09/27/2020	Sun+	87.4	-18.433					01:11	16:22		21:15:37	
09/28/2020	Mon+	93.1	-14.393					02:16	16:50		22:01:17	
09/29/2020	Tue+	97.1	-9.842					03:21	17:14		22:44:29	
09/30/2020	Wed+	99.4	-4.983					04:24	17:36		23:25:59	
10/01/2020	Thr+	99.8	-0.006					05:25	17:57			
10/02/2020	Fri+	98.4	4.917			00:06:34	06:06:06	06:26	18:18	18:58:40		
10/03/2020	Sat+	95.3	9.617			00:47:05	06:25:42	07:27	18:39	20:01:04		
10/04/2020	Sun+	90.6	13.928			01:28:21	06:46:43	08:29	19:02	21:04:02		
10/05/2020	Mon+	84.4	17.678			02:11:05	07:10:19	09:31	19:29	22:07:29		
10/06/2020	Tue+	76.9	20.691			02:55:58	07:37:58	10:33	20:01	23:10:42		
10/07/2020	Wed+	68.3	22.785			03:43:25	08:11:22	11:34	20:39			
10/08/2020	Thr+	58.8	23.793		00:12:07	04:33:33	08:52:23	12:33	21:25			
10/09/2020	Fri+	48.7	23.576		01:09:37	05:26:04	09:42:30	13:28	22:20			
10/10/2020	Sat+	38.3	22.057		02:01:05	06:20:14	10:42:09	14:16	23:23			
10/11/2020	Sun+	28.1	19.235		02:45:30	07:15:03	11:50:12	14:58				
10/12/2020	Mon+	18.6	15.204	00:33	03:23:08	08:09:40	13:04:21	15:34				
10/13/2020	Tue+	10.5	10.149	01:48	03:55:14	09:03:34	14:22:15	16:06				
10/14/2020	Wed+	4.3	4.341	03:06	04:23:30	09:56:45	15:42:15	16:34				
10/15/2020	Thr+	0.8	-1.874	04:25	04:49:38	10:49:43		17:01				
10/16/2020	Fri+	0.3	-8.090	05:45		11:43:12		17:29				
10/17/2020	Sat+	2.9	-13.871	07:06		12:38:02		17:59				
10/18/2020	Sun+	8.3	-18.793	08:27		13:34:45		18:33				
10/19/2020	Mon+	16.0	-22.496	09:47		14:33:20		19:13				
10/20/2020	Tue+	25.2	-24.739	11:02		15:32:59		20:00				
10/21/2020	Wed+	35.5	-25.436	12:08		16:32:14		20:56				
10/22/2020	Thr+	46.0	-24.657	13:04		17:29:25		21:57				
10/23/2020	Fri+	56.4	-22.590	13:49		18:23:20		23:02				
10/24/2020	Sat+	66.2	-19.481	14:26		19:13:30						
10/25/2020	Sun+	75.2	-15.581					00:08	14:55		20:00:07	
10/26/2020	Mon+	83.0	-11.122					01:13	15:20		20:43:50	
10/27/2020	Tue+	89.5	-6.307					02:16	15:43		21:25:30	
10/28/2020	Wed+	94.6	-1.317					03:18	16:03		22:06:01	
10/29/2020	Thr+	98.0	3.679				04:12:36	04:19	16:23	16:50:43	22:46:17	
10/30/2020	Fri+	99.7	8.514				04:31:42	05:20	16:44	17:53:06	23:27:09	
10/31/2020	Sat+	99.7	13.014				04:51:54	06:21	17:07	18:56:09		
11/01/2020	Sun	97.8	16.997			00:09:24	05:14:21	07:23	17:32	19:59:55		
11/02/2020	Mon	94.3	20.273			00:53:41	05:40:23	08:26	18:02	21:03:45		
11/03/2020	Tue	89.0	22.653			01:40:24	06:11:37	09:28	18:37	22:06:12		
11/04/2020	Wed	82.2	23.964			02:29:40	06:49:45	10:28	19:20	23:05:04		
11/05/2020	Thr	74.0	24.078			03:21:09	07:36:17	11:24	20:11	23:58:07		
11/06/2020	Fri	64.7	22.927			04:14:05	08:31:49	12:14	21:11			
11/07/2020	Sat	54.5	20.520		00:43:59	05:07:31	09:35:30	12:57	22:17			
11/08/2020	Sun	43.7	16.943		01:22:43	06:00:35	10:45:23	13:34	23:28			
11/09/2020	Mon	32.9	12.346		01:55:27	06:52:47	11:59:15	14:05				
11/10/2020	Tue	22.7	6.939	00:41	02:23:48	07:44:09	13:15:32	14:34				
11/11/2020	Wed	13.6	0.987	01:57	02:49:28	08:35:11	14:33:38	15:00				
11/12/2020	Thr	6.4	-5.183	03:14		09:26:44		15:26				
11/13/2020	Fri	1.8	-11.185	04:34		10:19:47		15:54				
11/14/2020	Sat	0.0	-16.590	05:55		11:15:15		16:25				

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.									
11/15/2020	Sun	1.4	-20.968	07:17		12:13:32		17:02				
11/16/2020	Mon	5.5	-23.961	08:37		13:14:16		17:47				
11/17/2020	Tue	12.1	-25.357	09:50		14:15:59		18:40				
11/18/2020	Wed	20.3	-25.139	10:54		15:16:34		19:41				
11/19/2020	Thr	29.8	-23.467	11:45		16:14:04		20:47				
11/20/2020	Fri	39.7	-20.609	12:26		17:07:23		21:55				
11/21/2020	Sat	49.8	-16.860	12:58		17:56:23		23:02				
11/22/2020	Sun	59.6	-12.489	13:25		18:41:42						
11/23/2020	Mon	68.9	-7.720					00:07	13:48		19:24:14	
11/24/2020	Tue	77.3	-2.741					01:09	14:09		20:05:04	
11/25/2020	Wed	84.7	2.287					02:11	14:29	14:41:55	20:45:13	
11/26/2020	Thr	90.8	7.206				02:38:03	03:11	14:50	15:44:06	21:25:40	
11/27/2020	Fri	95.5	11.854				02:57:35	04:12	15:11	16:46:54	22:07:19	
11/28/2020	Sat	98.6	16.052				03:19:01	05:14	15:36	17:50:41	22:50:57	
11/29/2020	Sun	99.9	19.601				03:43:38	06:17	16:04	18:55:07	23:37:08	
11/30/2020	Mon	99.4	22.292				04:13:01	07:20	16:37	19:58:56		
12/01/2020	Tue	97.1	23.929			00:26:02	04:48:57	08:22	17:18	20:59:56		
12/02/2020	Wed	92.8	24.361			01:17:23	05:33:01	09:20	18:07	21:55:33		
12/03/2020	Thr	86.7	23.509			02:10:22	06:26:04	10:12	19:04	22:43:54		
12/04/2020	Fri	78.9	21.390			03:03:52	07:27:26	10:57	20:08	23:24:33		
12/05/2020	Sat	69.8	18.104			03:56:46	08:35:05	11:36	21:17	23:58:29		
12/06/2020	Sun	59.5	13.816			04:48:23	09:46:33	12:08	22:28			
12/07/2020	Mon	48.6	8.735		00:27:17	05:38:36	11:00:00	12:37	23:40			
12/08/2020	Tue	37.4	3.096		00:52:44	06:27:52	12:14:39	13:02				
12/09/2020	Wed	26.6	-2.833	00:54	01:16:29	07:17:00		13:27				
12/10/2020	Thr	16.9	-8.745	02:09		08:07:07		13:53				
12/11/2020	Fri	8.9	-14.286	03:27		08:59:20		14:21				
12/12/2020	Sat	3.3	-19.061	04:46		09:54:36		14:54				
12/13/2020	Sun	0.4	-22.677	06:06		10:53:15		15:33				
12/14/2020	Mon	0.3	-24.816	07:24		11:54:37		16:22				
12/15/2020	Tue	3.1	-25.320	08:33		12:56:50		17:20				
12/16/2020	Wed	8.1	-24.235	09:32		13:57:30		18:25				
12/17/2020	Thr	15.1	-21.780	10:20		14:54:35		19:35				
12/18/2020	Fri	23.4	-18.267	10:57		15:47:08		20:45				
12/19/2020	Sat	32.6	-14.010	11:27		16:35:18		21:52				
12/20/2020	Sun	42.2	-9.281	11:52		17:19:51		22:57				
12/21/2020	Mon	51.9	-4.300	12:14		18:01:52		00:00				
12/22/2020	Tue	61.3	0.756	12:34		18:42:28						
12/23/2020	Wed	70.2	5.734				00:43:24	01:01	12:55	13:33:05	19:22:47	
12/24/2020	Thr	78.4	10.485				01:02:32	02:02	13:15	14:35:33	20:03:50	
12/25/2020	Fri	85.7	14.848				01:23:03	03:03	13:38	15:38:50	20:46:34	
12/26/2020	Sat	91.7	18.637				01:46:15	04:06	14:05	16:43:05	21:31:44	
12/27/2020	Sun	96.2	21.643				02:13:39	05:09	14:36	17:47:33	22:19:49	
12/28/2020	Mon	99.0	23.648				02:47:06	06:12	15:15	18:50:23	23:10:48	
12/29/2020	Tue	100.0	24.460				03:28:28	07:12	16:01	19:48:57		
12/30/2020	Wed	98.9	23.956			00:04:03	04:19:05	08:07	16:56	20:40:46		
12/31/2020	Thr	95.6	22.115			00:58:25	05:18:51	08:56	17:59	21:24:38		
01/01/2021	Fri	90.3	19.034			01:52:32	06:25:52	09:37	19:08	22:01:02		
01/02/2021	Sat	83.0	14.897			02:45:19	07:37:19	10:11	20:19	22:31:27		
01/03/2021	Sun	74.1	9.941			03:36:16	08:50:40	10:41	21:31	22:57:41		

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.									
01/04/2021	Mon	63.9	4.431			04:25:35	10:04:35	11:07	22:44	23:21:28		
01/05/2021	Tue	52.8	-1.365			05:13:57	11:18:50	11:32	23:57			
01/06/2021	Wed	41.4	-7.164			06:02:23		11:56				
01/07/2021	Thr	30.4	-12.665	01:11		06:52:02		12:22				
01/08/2021	Fri	20.3	-17.543	02:27		07:44:02		12:52				
01/09/2021	Sat	11.8	-21.456	03:44		08:39:11		13:27				
01/10/2021	Sun	5.4	-24.085	05:00		09:37:34		14:10				
01/11/2021	Mon	1.4	-25.202	06:12		10:38:13		15:02				
01/12/2021	Tue	0.1	-24.739	07:16		11:39:12		16:04				
01/13/2021	Wed	1.3	-22.807	08:09		12:38:13		17:12				
01/14/2021	Thr	4.7	-19.658	08:51		13:33:35		18:23				
01/15/2021	Fri	10.2	-15.607	09:25		14:24:39		19:33				
01/16/2021	Sat	17.2	-10.959	09:52		15:11:43		20:40				
01/17/2021	Sun	25.3	-5.977	10:16		15:55:37		21:45				
01/18/2021	Mon	34.2	-0.873	10:37		16:37:24	22:47:01	22:48				
01/19/2021	Tue	43.5	4.181	10:58	11:19:49	17:18:10	23:06:06	23:49				
01/20/2021	Wed	52.9	9.032	11:18	12:22:32	17:58:59	23:25:58					
01/21/2021	Thr	62.2	13.533					00:51	11:40	13:25:28	18:40:54	23:47:52
01/22/2021	Fri	71.1	17.519					01:53	12:05	14:29:06	19:24:47	
01/23/2021	Sat	79.3	20.803				00:13:14	02:55	12:34	15:33:14	20:11:23	
01/24/2021	Sun	86.6	23.175				00:43:49	03:58	13:09	16:36:42	21:01:00	
01/25/2021	Mon	92.6	24.424				01:21:38	04:59	13:52	17:37:17	21:53:28	
01/26/2021	Tue	97.0	24.375				02:08:29	05:57	14:44	18:32:19	22:47:55	
01/27/2021	Wed	99.4	22.941				03:05:13	06:49	15:45	19:19:55	23:43:05	
01/28/2021	Thr	99.7	20.158				04:10:48	07:33	16:53	19:59:43		
01/29/2021	Fri	97.6	16.181			00:37:34	05:22:33	08:11	18:06	20:32:49		
01/30/2021	Sat	93.1	11.261			01:30:28	06:37:22	08:43	19:19	21:00:55		
01/31/2021	Sun	86.4	5.698			02:21:33	07:53:05	09:10	20:34	21:25:48		
02/01/2021	Mon	77.8	-0.190			03:11:10	09:08:46	09:36	21:48	21:49:08		
02/02/2021	Tue	67.6	-6.086			04:00:07		10:01	23:02			
02/03/2021	Wed	56.6	-11.679			04:49:29		10:26				
02/04/2021	Thr	45.2	-16.660	00:17		05:40:17		10:54				
02/05/2021	Fri	34.1	-20.729	01:32		06:33:27		11:26				
02/06/2021	Sat	23.9	-23.609	02:48		07:29:21		12:05				
02/07/2021	Sun	15.0	-25.087	04:00		08:27:38		12:53				
02/08/2021	Mon	8.0	-25.064	05:05		09:26:59		13:49				
02/09/2021	Tue	3.2	-23.587	06:00		10:25:34		14:54				
02/10/2021	Wed	0.6	-20.835	06:46		11:21:35		16:03				
02/11/2021	Thr	0.3	-17.072	07:22		12:14:02		17:13				
02/12/2021	Fri	2.2	-12.590	07:52		13:02:43		18:22				
02/13/2021	Sat	6.1	-7.664	08:17		13:48:07		19:29				
02/14/2021	Sun	11.6	-2.532	08:39		14:31:06		20:33				
02/15/2021	Mon	18.5	2.605	09:00	09:05:17	15:12:35	21:08:58	21:36				
02/16/2021	Tue	26.4	7.576	09:21	10:08:52	15:53:37	21:28:25	22:38				
02/17/2021	Wed	35.1	12.225	09:42	11:12:04	16:35:09	21:49:18	23:40				
02/18/2021	Thr	44.3	16.396	10:05	12:15:29	17:18:04	22:12:54					
02/19/2021	Fri	53.8	19.921					00:42	10:32	13:19:12	18:03:10	22:40:47
02/20/2021	Sat	63.2	22.615					01:44	11:04	14:22:33	18:50:58	23:14:51
02/21/2021	Sun	72.3	24.281					02:46	11:43	15:23:53	19:41:36	23:57:04
02/22/2021	Mon	80.7	24.731					03:45	12:30	16:20:54	20:34:42	

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.									
02/23/2021	Tue	88.1	23.831				00:48:56	04:39	13:27	17:11:24	21:29:18	
02/24/2021	Wed	94.0	21.537				01:50:33	05:26	14:32	17:54:24	22:24:14	
02/25/2021	Thr	98.1	17.924				03:00:12	06:06	15:44	18:30:21	23:18:24	
02/26/2021	Fri	99.8	13.186				04:15:01	06:41	16:58	19:00:42		
02/27/2021	Sat	98.9	7.611			00:11:13	05:32:18	07:10	18:15	19:27:11		
02/28/2021	Sun	95.4	1.546			01:02:41	06:50:22	07:37	19:31	19:51:31		
03/01/2021	Mon	89.3	-4.637			01:53:20		08:03	20:48			
03/02/2021	Tue	81.0	-10.562			02:44:02		08:28	22:05			
03/03/2021	Wed	71.1	-15.872			03:35:43		08:56	23:22			
03/04/2021	Thr	60.2	-20.241			04:29:13		09:27				
03/05/2021	Fri	49.0	-23.396	00:39		05:24:57		10:04				
03/06/2021	Sat	37.9	-25.145	01:53		06:22:40		10:49				
03/07/2021	Sun	27.6	-25.407	03:00		07:21:20		11:42				
03/08/2021	Mon	18.6	-24.231	03:57		08:19:22		12:44				
03/09/2021	Tue	11.1	-21.777	04:44		09:15:12		13:51				
03/10/2021	Wed	5.5	-18.278	05:23		10:07:48		15:00				
03/11/2021	Thr	1.8	-13.999	05:54		10:56:53		16:08				
03/12/2021	Fri	0.3	-9.195	06:20		11:42:47		17:15				
03/13/2021	Sat	0.7	-4.102	06:43		12:26:14		18:20				
03/14/2021	Sun+	3.1	1.073	07:03		13:08:05	19:12:45	19:23				
03/15/2021	Mon+	7.2	6.142	07:24	07:56:12	13:49:14	19:31:48	20:26				
03/16/2021	Tue+	12.8	10.937	07:44	08:59:51	14:30:34	19:51:50	21:28				
03/17/2021	Wed+	19.7	15.292	08:07	10:03:30	15:12:55	20:14:02	22:30				
03/18/2021	Thr+	27.6	19.044	08:32	11:07:17	15:57:01	20:39:48	23:33				
03/19/2021	Fri+	36.4	22.018	09:01	12:10:44	16:43:24	21:10:46					
03/20/2021	Sat+	45.8	24.036					00:34	9:37	13:12:33	17:32:17	21:48:48
03/21/2021	Sun+	55.6	24.928					01:34	10:20	14:10:42	18:23:31	22:35:35
03/22/2021	Mon+	65.3	24.553					02:29	11:11	15:03:03	19:16:28	23:31:54
03/23/2021	Tue+	74.7	22.832					03:18	12:12	15:48:18	20:10:14	
03/24/2021	Wed+	83.3	19.773				00:36:59	04:01	13:19	16:26:26	21:03:52	
03/25/2021	Thr+	90.7	15.483				01:48:44	04:37	14:32	16:58:34	21:56:45	
03/26/2021	Fri+	96.1	10.172				03:04:38	05:08	15:48	17:26:20	22:48:44	
03/27/2021	Sat+	99.3	4.135				04:22:47	05:36	17:05	17:51:24	23:40:11	
03/28/2021	Sun+	99.6	-2.258				05:42:15	06:02	18:23			
03/29/2021	Mon+	97.1	-8.591			00:31:49		06:28	19:43			
03/30/2021	Tue+	91.8	-14.429			01:24:32		06:55	21:03			
03/31/2021	Wed+	84.1	-19.358			02:19:10		07:25	22:24			
04/01/2021	Thr+	74.6	-23.030			03:16:10		08:01	23:42			
04/02/2021	Fri+	64.0	-25.208			04:15:16		08:44				
04/03/2021	Sat+	52.9	-25.804	00:53		05:15:23		09:36				
04/04/2021	Sun+	42.0	-24.886	01:55		06:14:47		10:36				
04/05/2021	Mon+	31.7	-22.641	02:45		07:11:44		11:42				
04/06/2021	Tue+	22.5	-19.322	03:26		08:05:08		12:51				
04/07/2021	Wed+	14.6	-15.197	03:58		08:54:44		13:59				
04/08/2021	Thr+	8.3	-10.514	04:25		09:40:54		15:06				
04/09/2021	Fri+	3.7	-5.497	04:48		10:24:24		16:11				
04/10/2021	Sat+	1.0	-0.343	05:09		11:06:08		17:14				
04/11/2021	Sun+	0.1	4.767	05:29	05:46:07	11:47:03	17:37:09	18:16				
04/12/2021	Mon+	1.1	9.661	05:49	06:49:45	12:28:01	17:56:24	19:18				
04/13/2021	Tue+	3.9	14.171	06:10	07:53:28	13:09:52	18:17:27	20:21				

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.									
04/14/2021	Wed+	8.3	18.125	06:34	08:57:27	13:53:17	18:41:33	21:24				
04/15/2021	Thr+	14.2	21.347	07:01	10:01:21	14:38:46	19:10:12	22:26				
04/16/2021	Fri+	21.4	23.662	07:34	11:03:57	15:26:34	19:45:07	23:26				
04/17/2021	Sat+	29.7	24.909	08:14	12:03:21	16:16:30	20:27:57					
04/18/2021	Sun+	39.0	24.957					00:22	9:01	12:57:21	17:08:04	21:19:41
04/19/2021	Mon+	48.9	23.729					01:13	9:57	13:44:24	18:00:25	22:20:03
04/20/2021	Tue+	59.1	21.215					01:57	11:01	14:24:09	18:52:43	23:27:27
04/21/2021	Wed+	69.2	17.479					02:35	12:10	14:57:31	19:44:23	
04/22/2021	Thr+	78.9	12.661				00:39:44	03:07	13:22	15:26:00	20:35:15	
04/23/2021	Fri+	87.3	6.973				01:55:03	03:35	14:37	15:51:17	21:25:41	
04/24/2021	Sat+	94.1	0.703				03:12:27	04:01	15:54	16:14:59	22:16:24	
04/25/2021	Sun+	98.4	-5.784					04:26	17:12		23:08:21	
04/26/2021	Mon+	99.9	-12.051					04:52	18:33			
04/27/2021	Tue+	98.4	-17.621			00:02:34		05:21	19:56			
04/28/2021	Wed+	93.9	-22.032			00:59:46		05:54	21:19			
04/29/2021	Thr+	86.9	-24.921			02:00:01		06:35	22:37			
04/30/2021	Fri+	78.0	-26.097			03:02:19		07:24	23:46			
05/01/2021	Sat+	67.9	-25.587			04:04:38		08:24				
05/02/2021	Sun+	57.2	-23.595	00:42		05:04:41		09:30				
05/03/2021	Mon+	46.5	-20.423	01:27		06:00:49		10:40				
05/04/2021	Tue+	36.3	-16.385	02:02		06:52:26		11:50				
05/05/2021	Wed+	26.9	-11.763	02:31		07:39:54		12:58				
05/06/2021	Thr+	18.6	-6.789	02:55		08:24:04		14:03				
05/07/2021	Fri+	11.7	-1.657	03:16		09:05:59		15:06				
05/08/2021	Sat+	6.2	3.462	03:36	03:38:16	09:46:43	15:44:04	16:09				
05/09/2021	Sun+	2.4	8.409	03:55	04:41:38	10:27:15	16:02:41	17:11				
05/10/2021	Mon+	0.4	13.023	04:16	05:45:02	11:08:30	16:22:46	18:13				
05/11/2021	Tue+	0.1	17.135	04:38	06:48:54	11:51:14	16:45:31	19:15				
05/12/2021	Wed+	1.7	20.565	05:04	07:53:04	12:36:01	17:12:22	20:18				
05/13/2021	Thr+	5.0	23.134	05:35	08:56:32	13:23:08	17:44:57	21:20				
05/14/2021	Fri+	10.0	24.673	06:12	09:57:26	14:12:28	18:24:56	22:18				
05/15/2021	Sat+	16.5	25.051	06:57	10:53:26	15:03:26	19:13:26	23:10				
05/16/2021	Sun+	24.4	24.192	07:50	11:42:35	15:55:11	20:10:25	23:56				
05/17/2021	Mon+	33.5	22.089	08:50	12:24:10	16:46:44	21:14:30					
05/18/2021	Tue+	43.5	18.806					00:35	9:55	12:58:49	17:37:25	22:23:29
05/19/2021	Wed+	54.0	14.464					01:08	11:05	13:27:58	18:27:01	23:35:29
05/20/2021	Thr+	64.8	9.232					01:37	12:16	13:53:20	19:15:47	
05/21/2021	Fri+	75.1	3.331				00:49:27	02:02	13:29	14:16:32	20:04:28	
05/22/2021	Sat+	84.4	-2.962				02:05:16	02:26	14:45		20:54:04	
05/23/2021	Sun+	92.1	-9.294					02:51	16:03		21:45:45	
05/24/2021	Mon+	97.4	-15.236					03:17	17:24		22:40:40	
05/25/2021	Tue+	99.9	-20.300					03:47	18:47		23:39:28	
05/26/2021	Wed+	99.3	-24.012					04:24	20:09			
05/27/2021	Thr+	95.7	-26.016			00:41:52		05:09	21:25			
05/28/2021	Fri+	89.6	-26.187			01:46:12		06:06	22:30			
05/29/2021	Sat+	81.5	-24.653			02:49:45		07:11	23:22			
05/30/2021	Sun+	72.1	-21.727			03:49:55		08:23				
05/31/2021	Mon+	61.9	-17.784	00:02		04:45:16		09:36				
06/01/2021	Tue+	51.6	-13.171	00:34		05:35:40		10:46				
06/02/2021	Wed+	41.5	-8.170	01:00		06:21:51		11:54				

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

Date	DoW	9PM											
		Illum.	Decl.	Rise	East	Transit	West	Set	Rise	East	Transit	West	
06/03/2021	Thr+	32.0	-3.002	01:22		07:04:57		12:58					
06/04/2021	Fri+	23.3	2.160	01:42		07:46:11	13:50:56	14:01					
06/05/2021	Sat+	15.8	7.163	02:02	02:33:38	08:26:42	14:09:17	15:03					
06/06/2021	Sun+	9.5	11.860	02:22	03:36:53	09:07:33	14:28:41	16:05					
06/07/2021	Mon+	4.7	16.094	02:43	04:40:27	09:49:37	14:50:20	17:07					
06/08/2021	Tue+	1.5	19.696	03:08	05:44:32	10:33:39	15:15:38	18:10					
06/09/2021	Wed+	0.1	22.484	03:37	06:48:30	11:20:05	15:46:13	19:12					
06/10/2021	Thr+	0.5	24.282	04:12	07:50:46	12:08:57	16:23:49	20:12					
06/11/2021	Fri+	2.8	24.943	04:54	08:48:55	12:59:47	17:09:48	21:07					
06/12/2021	Sat+	6.9	24.377	05:45	09:40:39	13:51:39	18:04:30	21:55					
06/13/2021	Sun+	12.8	22.573	06:43	10:24:40	14:43:27	19:06:39	22:36					
06/14/2021	Mon+	20.3	19.596	07:47	11:01:14	15:34:15	20:14:00	23:11					
06/15/2021	Tue+	29.3	15.575	08:55	11:31:36	16:23:36	21:24:16	23:40					
06/16/2021	Wed+	39.3	10.683	10:04	11:57:30	17:11:35	22:36:00						
06/17/2021	Thr+	50.2	5.123					00:06	11:15	12:20:35	17:58:48	23:48:53	
06/18/2021	Fri+	61.3	-0.871					00:30	12:27	12:42:23	18:46:13		
06/19/2021	Sat+	72.1	-7.021					00:53	13:41		19:35:01		
06/20/2021	Sun+	82.0	-12.984					01:17	14:58		20:26:28		
06/21/2021	Mon+	90.2	-18.348					01:44	16:18		21:21:43		
06/22/2021	Tue+	96.2	-22.650					02:16	17:39		22:21:15		
06/23/2021	Wed+	99.4	-25.451					02:56	18:58		23:24:24		
06/24/2021	Thr+	99.7	-26.455					03:47	20:10				
06/25/2021	Fri+	97.2	-25.618			00:29:04		04:49	21:09				
06/26/2021	Sat+	92.1	-23.154			01:32:16		05:59	21:56				
06/27/2021	Sun+	85.0	-19.437			02:31:31		07:14	22:32				
06/28/2021	Mon+	76.5	-14.873			03:25:43		08:28	23:01				
06/29/2021	Tue+	67.1	-9.817			04:15:03		09:38	23:25				
06/30/2021	Wed+	57.2	-4.545			05:00:28		10:46	23:46				
07/01/2021	Thr+	47.3	0.733			05:43:09		11:50					
07/02/2021	Fri+	37.8	5.851	00:06	00:23:10	06:24:25	12:14:42	12:53					
07/03/2021	Sat+	28.8	10.665	00:26	01:27:04	07:05:22	12:33:45	13:56					
07/04/2021	Sun+	20.6	15.032	00:48	02:30:44	07:47:04	12:54:33	14:58					
07/05/2021	Mon+	13.5	18.797	01:11	03:34:43	08:30:23	13:18:28	16:01					
07/06/2021	Tue+	7.7	21.790	01:38	04:38:50	09:15:59	13:47:05	17:03					
07/07/2021	Wed+	3.4	23.836	02:11	05:41:57	10:04:08	14:22:14	18:04					
07/08/2021	Thr+	0.8	24.776	02:51	06:41:59	10:54:38	15:05:36	19:01					
07/09/2021	Fri+	0.1	24.495	03:39	07:36:23	11:46:42	15:57:59	19:52					
07/10/2021	Sat+	1.4	22.958	04:36	08:23:22	12:39:10	16:58:40	20:36					
07/11/2021	Sun+	4.7	20.216	05:39	09:02:33	13:30:56	18:05:26	21:13					
07/12/2021	Mon+	10.0	16.398	06:47	09:34:54	14:21:10	19:15:38	21:44					
07/13/2021	Tue+	17.2	11.688	07:56	10:02:04	15:09:43	20:27:15	22:10					
07/14/2021	Wed+	26.1	6.305	09:07	10:25:45	15:56:55	21:39:26	22:34					
07/15/2021	Thr+	36.2	0.486	10:18	10:47:32	16:43:35	22:52:19	22:57					
07/16/2021	Fri+	47.2	-5.509	11:29		17:30:47		23:20					
07/17/2021	Sat+	58.6	-11.386	12:43		18:19:45		23:46					
07/18/2021	Sun+	69.6	-16.805	13:59		19:11:42							
07/19/2021	Mon+	79.8	-21.373					00:14	15:18		20:07:33		
07/20/2021	Tue+	88.4	-24.681					00:50	16:36		21:07:24		
07/21/2021	Wed+	94.8	-26.376					01:34	17:49		22:10:10		
07/22/2021	Thr+	98.7	-26.276					02:29	18:54		23:13:29		

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.									
07/23/2021	Fri+	99.9	-24.440					03:36	19:46			
07/24/2021	Sat+	98.4	-21.142			00:14:39		04:49	20:27			
07/25/2021	Sun+	94.4	-16.776			01:11:42		06:04	20:59			
07/26/2021	Mon+	88.5	-11.736			02:04:02		07:18	21:26			
07/27/2021	Tue+	81.1	-6.363			02:52:04		08:28	21:49			
07/28/2021	Wed+	72.6	-0.923			03:36:47		09:36	22:10			
07/29/2021	Thr+	63.3	4.380			04:19:23	10:18:22	10:40	22:30	23:14:12		
07/30/2021	Fri+	53.8	9.381			05:01:01	10:37:21	11:44	22:50			
07/31/2021	Sat+	44.3	13.935		00:18:43	05:42:48	10:57:32	12:47	23:13			
08/01/2021	Sun+	35.0	17.897		01:23:02	06:25:41	11:20:13	13:50	23:39			
08/02/2021	Mon+	26.3	21.114		02:27:22	07:10:28	11:46:55	14:53				
08/03/2021	Tue+	18.4	23.420	00:09	03:31:01	07:57:39	12:19:26	15:54				
08/04/2021	Wed+	11.5	24.659	00:47	04:32:22	08:47:18	12:59:37	16:53				
08/05/2021	Thr+	6.1	24.699	01:32	05:29:06	09:38:58	13:48:51	17:46				
08/06/2021	Fri+	2.2	23.475	02:26	06:19:02	10:31:42	14:47:09	18:33				
08/07/2021	Sat+	0.3	21.001	03:27	07:01:12	11:24:20	15:52:54	19:12				
08/08/2021	Sun+	0.6	17.383	04:35	07:36:07	12:15:53	17:03:22	19:45				
08/09/2021	Mon+	3.1	12.797	05:45	08:05:11	13:05:49	18:16:02	20:14				
08/10/2021	Tue+	7.8	7.473	06:57	08:30:08	13:54:12	19:29:24	20:39				
08/11/2021	Wed+	14.7	1.669	08:08	08:52:35	14:41:35	20:43:04	21:02				
08/12/2021	Thr+	23.4	-4.337	09:21		15:28:54		21:25				
08/13/2021	Fri+	33.6	-10.246	10:34		16:17:13		21:49				
08/14/2021	Sat+	44.7	-15.735	11:49		17:07:42		22:16				
08/15/2021	Sun+	56.2	-20.457	13:06		18:01:16		22:49				
08/16/2021	Mon+	67.3	-24.050	14:22		18:58:24		23:29				
08/17/2021	Tue+	77.6	-26.185	15:36		19:58:34						
08/18/2021	Wed+	86.4	-26.645					00:18	16:42		21:00:11	
08/19/2021	Thr+	93.2	-25.396					01:19	17:38		22:00:57	
08/20/2021	Fri+	97.6	-22.605					02:28	18:22		22:58:48	
08/21/2021	Sat+	99.7	-18.587					03:42	18:57		23:52:37	
08/22/2021	Sun+	99.3	-13.714					04:57	19:26			
08/23/2021	Mon+	96.6	-8.345			00:42:21		06:09	19:50			
08/24/2021	Tue+	92.0	-2.787			01:28:39		07:18	20:12			
08/25/2021	Wed+	85.8	2.710			02:12:30	08:21:09	08:25	20:32	20:58:40		
08/26/2021	Thr+	78.3	7.944			02:54:58	08:40:08	09:29	20:53	22:04:26		
08/27/2021	Fri+	69.8	12.747			03:37:06	08:59:48	10:33	21:14	23:09:36		
08/28/2021	Sat+	60.8	16.965			04:19:51	09:21:23	11:37	21:39			
08/29/2021	Sun+	51.4	20.448		00:14:30	05:04:03	09:46:18	12:40	22:07			
08/30/2021	Mon+	42.0	23.046		01:18:46	05:50:17	10:16:12	13:43	22:41			
08/31/2021	Tue+	32.7	24.609		02:21:10	06:38:49	10:52:57	14:43	23:23			
09/01/2021	Wed+	24.0	25.011		03:19:42	07:29:28	11:38:12	15:38				
09/02/2021	Thr+	16.1	24.166	00:13	04:12:09	08:21:36	12:32:44	16:27				
09/03/2021	Fri+	9.4	22.056	01:12	04:57:10	09:14:14	13:35:44	17:09				
09/04/2021	Sat+	4.3	18.744	02:17	05:34:43	10:06:24	14:45:00	17:45				
09/05/2021	Sun+	1.1	14.370	03:27	06:05:57	10:57:23	15:57:55	18:15				
09/06/2021	Mon+	0.2	9.140	04:40	06:32:27	11:47:03	17:12:30	18:41				
09/07/2021	Tue+	1.8	3.312	05:53	06:55:55	12:35:42	18:27:52	19:05				
09/08/2021	Wed+	5.9	-2.815	07:07	07:17:53	13:24:04		19:28				
09/09/2021	Thr+	12.4	-8.917	08:22		14:13:05		19:52				
09/10/2021	Fri+	21.0	-14.642	09:38		15:03:49		20:19				

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.									
09/11/2021	Sat+	31.1	-19.629	10:56		15:57:09		20:50				
09/12/2021	Sun+	42.2	-23.519	12:13		16:53:33		21:27				
09/13/2021	Mon+	53.6	-25.999	13:28		17:52:42		22:13				
09/14/2021	Tue+	64.7	-26.860	14:36		18:53:17		23:10				
09/15/2021	Wed+	75.0	-26.051	15:34		19:53:22						
09/16/2021	Thr+	83.9	-23.696					00:16	16:21		20:51:00	
09/17/2021	Fri+	91.0	-20.052					01:27	16:58		21:45:02	
09/18/2021	Sat+	96.1	-15.447					02:40	17:28		22:35:13	
09/19/2021	Sun+	99.1	-10.215					03:52	17:53		23:22:03	
09/20/2021	Mon+	99.8	-4.663					05:02	18:15			
09/21/2021	Tue+	98.5	0.943			00:06:23		06:09	18:35	18:43:05		
09/22/2021	Wed+	95.2	6.372			00:49:12	06:43:36	07:15	18:55	19:49:39		
09/23/2021	Thr+	90.2	11.428			01:31:28	07:02:42	08:20	19:16	20:55:34		
09/24/2021	Fri+	83.8	15.932			02:14:06	07:23:16	09:24	19:39	22:01:10		
09/25/2021	Sat+	76.3	19.722			02:57:53	07:46:35	10:28	20:06	23:06:14		
09/26/2021	Sun+	67.9	22.642			03:43:24	08:14:10	11:31	20:38			
09/27/2021	Mon+	58.8	24.551		00:09:45	04:30:57	08:47:45	12:32	21:16			
09/28/2021	Tue+	49.3	25.327		01:09:55	05:20:30	09:29:01	13:29	22:02			
09/29/2021	Wed+	39.7	24.888		02:04:33	06:11:34	10:19:08	14:20	22:56			
09/30/2021	Thr+	30.3	23.206		02:52:01	07:03:22	11:17:59	15:05	23:58			
10/01/2021	Fri+	21.4	20.314		03:31:55	07:55:03	12:24:01	15:42				
10/02/2021	Sat+	13.5	16.310	01:06	04:05:06	08:45:57	13:34:57	16:14				
10/03/2021	Sun+	7.0	11.351	02:17	04:33:02	09:35:50	14:48:46	16:41				
10/04/2021	Mon+	2.4	5.654	03:30	04:57:25	10:24:54	16:04:15	17:06				
10/05/2021	Tue+	0.3	-0.510	04:45	05:19:49	11:13:46	17:21:11	17:30				
10/06/2021	Wed+	0.8	-6.816	06:01		12:03:19		17:53				
10/07/2021	Thr+	4.1	-12.886	07:18		12:54:37		18:19				
10/08/2021	Fri+	10.1	-18.311	08:38		13:48:33		18:49				
10/09/2021	Sat+	18.3	-22.680	09:59		14:45:40		19:24				
10/10/2021	Sun+	28.2	-25.632	11:18		15:45:41		20:09				
10/11/2021	Mon+	39.1	-26.929	12:30		16:47:17		21:03				
10/12/2021	Tue+	50.4	-26.511	13:32		17:48:22		22:07				
10/13/2021	Wed+	61.4	-24.502	14:22		18:46:53		23:17				
10/14/2021	Thr+	71.6	-21.160	15:01		19:41:33						
10/15/2021	Fri+	80.7	-16.807					00:29	15:32		20:32:06	
10/16/2021	Sat+	88.2	-11.761					01:41	15:58		21:19:03	
10/17/2021	Sun+	93.9	-6.311					02:50	16:20		22:03:18	
10/18/2021	Mon+	97.8	-0.714					03:57	16:40		22:45:52	
10/19/2021	Tue+	99.7	4.804				04:49:00	05:03	17:00	17:37:05	23:27:47	
10/20/2021	Wed+	99.7	10.034				05:07:29	06:08	17:20	18:42:58		
10/21/2021	Thr+	97.8	14.784			00:09:57	05:27:04	07:12	17:42	19:48:46		
10/22/2021	Fri+	94.1	18.869			00:53:11	05:48:58	08:16	18:07	20:54:24		
10/23/2021	Sat+	89.0	22.117			01:38:03	06:14:36	09:20	18:36	21:59:00		
10/24/2021	Sun+	82.4	24.372			02:24:54	06:45:33	10:22	19:12	23:00:49		
10/25/2021	Mon+	74.7	25.511			03:13:40	07:23:29	11:21	19:54	23:57:37		
10/26/2021	Tue+	66.0	25.454			04:03:55	08:09:43	12:14	20:45			
10/27/2021	Wed+	56.7	24.177		00:47:27	04:54:54	09:04:28	13:01	21:43			
10/28/2021	Thr+	46.9	21.712		01:29:33	05:45:44	10:06:37	13:40	22:47			
10/29/2021	Fri+	36.9	18.146		02:04:27	06:35:48	11:14:10	14:13	23:55			
10/30/2021	Sat+	27.1	13.603		02:33:33	07:24:49	12:25:07	14:41				

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.									
10/31/2021	Sun+	18.1	8.250	01:06	02:58:33	08:12:58	13:38:15	15:07				
11/01/2021	Mon+	10.3	2.299	02:18	03:21:02	09:00:51	14:53:15	15:30				
11/02/2021	Tue+	4.3	-3.984	03:33	03:42:31	09:49:23		15:53				
11/03/2021	Wed+	0.8	-10.259	04:50		10:39:43		16:17				
11/04/2021	Thr+	0.1	-16.115	06:10		11:32:57		16:45				
11/05/2021	Fri+	2.5	-21.090	07:32		12:29:58		17:18				
11/06/2021	Sat+	7.7	-24.729	08:56		13:30:52		18:00				
11/07/2021	Sun	15.3	-26.684	10:14		14:34:29		18:52				
11/08/2021	Mon	24.7	-26.808	11:23		15:38:28		19:54				
11/09/2021	Tue	35.2	-25.197	12:19		16:40:04		21:05				
11/10/2021	Wed	46.1	-22.129	13:03		17:37:23		22:19				
11/11/2021	Thr	56.9	-17.963	13:37		18:29:51		23:32				
11/12/2021	Fri	67.1	-13.049	14:04		19:17:55						
11/13/2021	Sat	76.3	-7.692					00:42	14:26		20:02:37	
11/14/2021	Sun	84.3	-2.142					01:49	14:47		20:45:08	
11/15/2021	Mon	90.8	3.385					02:55	15:06	15:27:56	21:26:38	
11/16/2021	Tue	95.6	8.694				03:14:03	03:59	15:26	16:33:14	22:08:08	
11/17/2021	Wed	98.7	13.597				03:32:49	05:02	15:47	17:38:33	22:50:34	
11/18/2021	Thr	100.0	17.909				03:53:32	06:06	16:10	18:44:05	23:34:38	
11/19/2021	Fri	99.4	21.440				04:17:31	07:10	16:38	19:49:12		
11/20/2021	Sat	97.2	24.017			00:20:45	04:46:19	08:14	17:11	20:52:24		
11/21/2021	Sun	93.2	25.494			01:08:57	05:21:38	09:14	17:51	21:51:21		
11/22/2021	Mon	87.7	25.775			01:58:49	06:04:51	10:09	18:39	22:43:44		
11/23/2021	Tue	80.8	24.834			02:49:31	06:56:30	10:58	19:34	23:28:15		
11/24/2021	Wed	72.7	22.711			03:40:06	07:55:41	11:40	20:35			
11/25/2021	Thr	63.6	19.501		00:05:04	04:29:43	09:00:25	12:14	21:41			
11/26/2021	Fri	53.7	15.335		00:35:26	05:17:58	10:08:34	12:43	22:49			
11/27/2021	Sat	43.4	10.369		01:01:01	06:04:56	11:18:39	13:08	23:58			
11/28/2021	Sun	33.0	4.777		01:23:29	06:51:09	12:30:14	13:31				
11/29/2021	Mon	23.0	-1.235	01:09	01:44:22	07:37:32	13:43:43	13:54				
11/30/2021	Tue	14.1	-7.406	02:22		08:25:14		14:16				
12/01/2021	Wed	6.9	-13.402	03:38		09:15:36		14:41				
12/02/2021	Thr	2.0	-18.804	04:58		10:09:52		15:11				
12/03/2021	Fri	0.0	-23.128	06:22		11:08:53		15:48				
12/04/2021	Sat	1.1	-25.911	07:45		12:12:25		16:35				
12/05/2021	Sun	5.2	-26.839	09:02		13:18:32		17:34				
12/06/2021	Mon	11.8	-25.863	10:07		14:24:03		18:44				
12/07/2021	Tue	20.4	-23.204	10:58		15:25:54		20:00				
12/08/2021	Wed	30.2	-19.248	11:37		16:22:28		21:17				
12/09/2021	Thr	40.7	-14.415	12:07		17:13:41		22:30				
12/10/2021	Fri	51.2	-9.069	12:32		18:00:29		23:40				
12/11/2021	Sat	61.3	-3.499	12:53		18:44:10						
12/12/2021	Sun	70.7	2.066					00:46	13:13	13:19:41	19:26:04	
12/13/2021	Mon	79.1	7.439				01:20:49	01:51	13:32	14:25:07	20:07:24	
12/14/2021	Tue	86.3	12.447				01:39:10	02:55	13:52	15:30:05	20:49:15	
12/15/2021	Wed	92.1	16.918				01:59:01	03:58	14:15	16:35:10	21:32:29	
12/16/2021	Thr	96.4	20.670				02:21:41	05:02	14:41	17:40:14	22:17:43	
12/17/2021	Fri	99.1	23.523				02:48:39	06:05	15:12	18:44:09	23:05:12	
12/18/2021	Sat	100.0	25.309				03:21:40	07:07	15:49	19:44:49	23:54:42	
12/19/2021	Sun	99.1	25.906				04:02:20	08:04	16:35	20:39:42		

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.									
12/20/2021	Mon	96.4	25.260			00:45:27	04:51:33	08:55	17:28	21:26:58		
12/21/2021	Tue	92.0	23.400			01:36:23	05:48:46	09:39	18:28	22:06:11		
12/22/2021	Wed	86.0	20.426			02:26:26	06:52:03	10:16	19:32	22:38:18		
12/23/2021	Thr	78.5	16.489			03:14:56	07:58:57	10:46	20:39	23:04:57		
12/24/2021	Fri	69.8	11.763			04:01:42	09:07:33	11:12	21:46	23:27:48		
12/25/2021	Sat	59.9	6.431			04:47:06	10:16:59	11:35	22:54	23:48:27		
12/26/2021	Sun	49.4	0.687			05:31:55	11:27:23	11:57				
12/27/2021	Mon	38.6	-5.254	00:04	00:08:16	06:17:12		12:18				
12/28/2021	Tue	28.0	-11.131	01:16		07:04:16		12:41				
12/29/2021	Wed	18.2	-16.618	02:31		07:54:29		13:07				
12/30/2021	Thr	9.9	-21.306	03:51		08:49:09		13:39				
12/31/2021	Fri	3.9	-24.741	05:12		09:48:58		14:19				

+ 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 180113b