

Date	Time (UTC)	Magnitude	Latitude	Longitude	Pacific Time	Dawn/Dusk?	Closest Perigee	Closest Apogee	Closest New	Closest Full	Days:	From Perigee	From Apogee	From New	From Full	
3/11/33	01:54:09.9	6.4	33.631	-117.999	17:54:09.9	dusk	3/15/33 17:28	3/3/33 18:06	2/24/33 12:46	3/12/33 2:47		4.65	-7.33	-14.55	1.04	
12/30/34	13:52:03.3	6.33	32	-114.9	05:52:03.3	dawn										
12/31/34	18:45:44.44	6.42	32.18	-115.175	10:45:44.44		1/6/35 11:43	12/25/34 9:46	1/5/35 5:20	12/20/34 20:53		5.71	-6.37	4.44	-10.91	
3/25/37	16:49:02.2	6	33.4	-116.25	08:49:02.2		3/15/37 3:03	3/31/37 1:06	3/12/37 19:32	3/26/37 23:11		-10.57	5.35	-12.89	1.27	
5/19/40	04:36:41.41	6.9	32.844	-115.381	20:36:41.41		5/18/40 19:31		5/7/40 12:07	5/21/40 13:32		-0.38		-11.69	2.37	
12/7/40	22:17:00.0	6.05	31.069	-114.853	14:17:00.0		11/27/40 12:08	12/9/40 7:58	11/29/40 8:42	12/14/40 19:39		-10.42	1.40	-8.57	6.89	
10/21/42	16:22:12.12	6.6	32.975	-115.785	08:22:12.12		10/14/42 4:27	10/29/42 20:56	10/10/42 4:05	10/24/42 4:04		-7.50	8.19	-11.51	2.49	
3/15/46	13:49:37.37	6.3	35.702	-117.944	05:49:37.37	dawn	3/7/46 1:04	3/22/46 23:35	3/3/46 18:03	3/17/46 19:11		-8.53	7.41	-11.82	2.22	
4/10/47	15:58:05.5	6.5	34.983	-116.531	07:58:05.5		3/29/47 12:31	4/12/47 13:22	4/21/47 4:20	4/5/47 15:28		-12.14	1.89	10.52	-5.02	
12/4/48	23:43:16.16	6	33.983	-116.331	15:43:16.16		11/26/48 0:52	12/8/48 11:21	11/30/48 18:45	12/16/48 9:12		-8.95	3.48	-4.21	11.39	
7/21/52	11:52:15.15	7.5	34.958	-118.998	03:52:15.15		7/8/52 11:08	7/23/52 8:10	7/21/52 23:31	7/7/52 12:35		-13.03	1.85	0.49	-13.97	
11/22/52	07:46:36.36	6.2	35.723	-121.328	23:46:36.36		11/23/52 8:12	11/10/52 5:43	11/17/52 12:55	12/1/52 12:41		1.02	-12.09	-4.79	9.20	
3/19/54	09:54:28.28	6.4	33.298	-116.081	01:54:28.28		3/6/54 9:35	3/21/54 17:58	3/5/54 3:12	3/19/54 12:43		-13.01	2.34	-14.28	0.12	
11/12/54	12:26:54.54	6.09	31.934	-116.313	04:26:54.54		11/10/54 13:20	11/23/54 23:30	11/25/54 12:31	11/10/54 14:30		-1.96	11.46	13.00	-1.91	
2/9/56	14:32:42.42	6.8	31.832	-116.231	06:32:42.42	dawn	1/26/56 12:52	2/7/56 18:40	2/11/56 21:39	1/27/56 14:40		-14.07	-1.83	2.30	-12.99	
2/9/56	15:24:24.24	6.2	31.517	-115.915	07:24:24.24	dawn										
2/14/56	18:33:28.28	6.43	31.02	-115.482	10:33:28.28											
2/15/56	01:20:35.35	6.52	31.149	-115.485	17:20:35.35	dusk	2/23/56 18:31	2/7/56 18:40	2/11/56 21:39	2/26/56 1:41		8.72	-7.28	-3.15	11.01	
8/7/66	17:36:10.10	6.35	31.04	-113.777	09:36:10.10		8/17/66 6:33	8/4/66 15:57	8/16/66 11:48	8/1/66 9:06		9.54	-3.07	8.76	-6.35	
4/9/68	02:28:58.58	6.6	33.18	-116.103	18:28:58.58	dusk	4/14/68 6:50	4/1/68 23:30	3/28/68 22:50	4/13/68 4:53		5.18	-7.12	-11.15	4.10	
2/9/71	14:00:42.42	6.6	34.416	-118.37	06:00:42.42	dawn	1/28/71 10:26	2/13/71 1:13	1/26/71 22:55	2/10/71 7:41		-12.15	3.47	-13.63	0.74	
10/15/79	23:16:54.54	6.4	32.667	-115.359	15:16:54.54		10/4/79 15:05	10/16/79 20:26	10/21/79 2:23	10/5/79 19:36		-11.34	0.88	5.13	-10.15	
6/9/80	03:28:19.19	6.3	32.2	-115.122	19:28:19.19	dusk	6/9/80 3:42	6/21/80 5:36	6/12/80 20:41	5/29/80 21:30		0.01	12.09	3.72	-10.25	
11/24/87	01:54:15.15	6.2	33.09	-115.792	17:54:15.15	dusk										
11/24/87	13:15:57.57	6.6	33.015	-115.852	05:15:57.57	dawn	11/24/87 14:48	11/12/87 17:55	11/21/87 6:33	12/5/87 8:02		0.06	-11.81	-3.28	10.78	
4/23/92	04:50:23.23	6.1	33.96	-116.317	20:50:23.23		4/13/92 6:52	4/25/92 9:50	5/2/92 17:46	4/17/92 4:43		-9.92	2.21	9.54	-6.01	
6/28/92	11:57:34.34	7.3	34.2	-116.437	03:57:34.34		7/2/92 0:35	6/19/92 21:56	6/30/92 12:19	6/15/92 4:51		3.53	-8.58	2.01	-13.30	
6/28/92	15:05:31.31	6.3	34.203	-116.827	07:05:31.31	dawn										
1/17/94	12:30:55.55	6.7	34.213	-118.537	04:30:55.55		1/6/94 1:19	1/19/94 5:16	1/11/94 23:12	1/27/94 13:24		-11.47	1.70	-5.55	10.04	

\*Dawn/Dusk = 4:45-7:55 AM and PM