

Date	Star	Mag	Ph	El	Kansas City				Denver				New Mex., Ariz						
					W 94.5,		N 39.0		W 105.0,		N 39.8		W 109.0,		N 34.0				
					U.T.	a	b	P	U.T.	a	b	P	U.T.	a	b	P			
y	m	d	No	h	m	m	o	h	m	m	o	h	m	m	o				
17 Jan 6	192	5.1	DD	93	3	33.0	+2.3	-5.8	136	3	6.2	+2.3	-2.3	114					
17 Jan 9	635	3.7	DD	136	9	0.0	+0.0	-1.8	114	8	57.4	+0.2	-2.2	120	9	15.5	-0.6	-5.6	155
17 Jan 18	1821	2.8	RD	108	6	5.8	+0.3	+0.5	293										
17 Feb 6	741	5.5	DD	117						7	6.0	+0.9	-0.3	63	7	5.7	+1.0	-0.9	85
17 Feb 17	2128	5.8	RD	104											12	33.5	+1.7	-2.2	327
17 Mar 2	249	4.5	DD	44	1	39.0	+0.8	-2.1	110	1	27.0	+1.2	-1.8	103	1	36.3	+1.8	-4.2	130
17 Mar 4	671	3.4	DD	83	23	32.6	+2.6	-1.9	125										
17 Mar 5	677	4.8	DD	84	0	36.9	+2.0	+0.3	76										
17 Mar 5	692	0.9	DD	85	3	47.3	+1.2	+0.4	50	3	33.5	+1.5	+0.6	52	3	26.0	+1.7	-0.2	74
17 Mar 5	692	0.9	RB	85	4	40.4	+0.3	-2.3	301	4	33.2	+0.7	-2.2	297	4	39.1	+1.1	-1.2	274
17 Mar 8	1158	5.0	DD	126	6	42.6	+1.2	-0.4	66	6	27.7	+1.5	-0.6	76	6	26.6	+1.5	-1.2	98
17 Apr 1	635	3.7	DD	54	3	36.0	+0.0	-1.6	109	3	33.0	+0.3	-2.0	114	3	47.5	-0.1	-3.8	144
17 Apr 15	2399	4.9	RD	134	10	10.7	+2.0	-2.0	322	9	49.2	+1.8	-1.3	317	9	46.9	+2.2	-0.7	299
17 Apr 28	692	0.9	DD	32	16	11.3	+0.3	+2.0	53	16	11.7	-0.1	+2.2	39	16	0.3	-0.1	+1.8	50
17 Apr 28	692	0.9	RB	32	17	10.5	+1.2	+0.9	274	17	0.1	+1.0	+0.6	289	16	52.5	+0.7	+0.8	278
17 Apr 29	741	5.5	DD	36	2	50.0	-0.1	-1.3	100	2	48.7	+0.1	-1.6	107	2	59.6	-0.1	-2.4	131
17 May 2	1207	5.6	DD	77	2	46.3	+1.1	-1.4	101	2	32.0	+1.4	-1.5	110	2	37.6	+1.3	-2.4	132
17 May 3	1336	5.2	DD	90	2	29.8	+2.8	+1.4	52	2	3.1	+2.5	+0.8	67					
17 Jun 1	1547	3.8	DD	85	4	37.7	+0.7	-1.3	91	4	27.6	+1.0	-1.5	99	4	33.0	+1.0	-1.8	116
17 Jun 13	2981	5.1	RD	138	10	38.0	+0.6	+2.5	196	10	27.3	+1.5	+1.5	214	10	8.3	+1.6	+3.1	201
17 Jun 13	2987	4.9	RD	137											11	50.2	+2.3	-0.7	271
17 Jun 20	364	4.3	RD	52	10	3.3	-0.2	+3.1	192	10	7.0	-0.1	+2.4	205	9	52.4	-0.4	+3.2	189
17 Jun 22	671	3.4	RD	23						11	5.4	-0.3	+1.5	240					
17 Jun 22	692	0.9	DB	22	13	18.6	+0.8	+1.5	72	13	14.1	+0.3	+1.8	58	13	3.1	+0.3	+1.5	68
17 Jun 22	692	0.9	RD	22	14	25.7	+1.3	+1.3	255	14	14.3	+1.1	+1.1	269	14	3.4	+0.8	+1.3	259
17 Jul 1	1821	2.8	DD	91	2	35.7	+1.0	-2.6	151	2	23.7	+0.8	-3.1	165					
17 Jul 1	1821	2.8	RB	91	3	39.8	+1.4	-1.0	261	3	20.1	+2.2	-0.3	251					
17 Jul 1	1825	5.9	DD	91											3	41.8	+1.1	-2.8	151
17 Jul 6	2399	4.9	DD	147						3	34.0	+3.5	+3.2	45	3	9.1	+2.6	+1.6	73
17 Jul 12	3206	5.1	RD	144	9	23.4	+2.8	-1.1	290	8	49.6	+3.3	-1.9	312	8	44.3	+3.0	-0.8	297
17 Aug 1	2223	3.9	DD	106	2	21.6	+1.9	-1.8	135						2	9.5	+1.0	-3.4	167
17 Aug 10	3421	4.9	RD	150	6	35.9	+1.7	+1.4	248	6	20.0	+1.5	+1.4	257	6	5.6	+1.3	+1.6	248
17 Sep 3	2981	5.1	DD	144						6	20.5	+2.4	-1.8	115	6	21.8	+3.4	-2.8	129
17 Sep 3	2987	4.9	DD	144						7	28.0	+0.9	+0.2	49	7	22.9	+1.3	+0.1	60
17 Sep 7	3526	4.9	RD	166	11	8.9	+1.4	-3.6	305						10	58.5	+2.3	-3.0	299
17 Sep 10	364	4.3	RD	129	5	13.6	+0.4	+2.0	232	5	11.6	+0.2	+1.7	241	5	0.8	+0.0	+1.8	232
17 Sep 11	508	4.1	RD	115	9	6.6	+1.0	+2.8	210	8	57.7	+1.0	+2.1	228	8	40.6	+0.7	+2.5	217
17 Sep 12	635	3.7	RD	103	5	1.6	+0.0	+0.8	287										
17 Sep 12	661	4.5	RD	102						7	24.9	-1.1	+4.9	182					
17 Sep 12	667	5.0	RD	101	9	6.1	+2.6	-1.4	311						8	36.5	+2.7	-2.4	321
17 Sep 12	669	3.8	RD	101	9	4.6	+0.8	+2.7	217	8	57.9	+0.8	+2.1	233	8	42.4	+0.5	+2.4	222
17 Sep 12	671	3.4	RD	101	8	48.5	-0.4	+5.2	186	8	49.8	+0.4	+2.9	210	8	30.7	-0.3	+3.7	195
17 Sep 12	677	4.8	RD	101	10	24.3	+1.6	+1.8	235	10	9.7	+1.4	+1.5	249	9	54.5	+1.2	+1.9	237
17 Sep 12	692	0.9	DB	100	12	27.0	+2.1	-0.9	101	12	4.4	+2.1	+0.0	92	11	57.2	+2.6	-0.8	109
17 Sep 12	692	0.9	RD	100	13	41.2	+1.7	+0.5	238	13	23.3	+1.8	+0.7	242	13	7.8	+1.9	+2.2	221
17 Sep 13	814	5.4	RD	88	8	44.7	+0.6	+2.2	232	8	40.8	+0.4	+1.8	246	8	28.9	+0.2	+1.9	235
17 Sep 13	832	4.3	RD	87	11	25.8	+2.9	-3.7	323						10	58.2	+2.8	-2.3	317
17 Sep 13	836	5.7	RD	87						12	2.2	+2.3	-1.2	302	11	56.4	+2.2	-0.1	283
17 Sep 26	2399	4.9	DD	68											3	59.8	+0.3	+0.3	48
17 Oct 2	3206	5.1	DD	136						8	8.7	+1.0	-0.7	79					
17 Oct 11	947	5.2	RD	104	9	58.7	+1.8	+0.9	261	9	41.4	+1.6	+0.8	271	9	29.2	+1.4	+1.4	257
17 Oct 13	1236	5.1	RD	78	8	30.1	+0.6	+1.2	271	8	26.0	+0.3	+0.9	282	8	19.4	+0.1	+1.1	268
17 Oct 14	1375	5.4	RD	64	11	31.2	+1.6	+1.5	257	11	18.5	+1.1	+1.5	261	11	3.2	+0.8	+2.5	240
17 Oct 15	1487	1.4	DB	52	9	29.3	+0.2	+1.9	71	9	31.1	-0.2	+2.2	62					
17 Oct 15	1487	1.4	RD	52	10	22.9	+0.8	-0.4	315	10	15.7	+0.5	-0.6	322	10	15.2	+0.3	+0.1	302
17 Oct 16	1609	4.6	RD	39						12	26.7	+1.2	+7.4	216					
17 Oct 26	2734	5.2	DD	69	0	44.9	+1.5	+0.3	52	0	27.7	+1.9	+1.1	42					
17 Nov 6	692	0.9	RD	153	1	52.0	-0.1	+1.3	256	1	54.7	-0.2	+1.1	265					
17 Nov 11	1487	1.4	DB	80						17	14.9	+2.1	+0.7	51	17	8.4	+1.7	-0.6	78
17 Nov 11	1487	1.4	RD	79						17	45.6	-0.5	-3.9	356	18	4.1	+0.2	-2.6	330
17 Dec 8	1434	5.4	RD	113	12	51.0	-0.5	-5.3	359	12	44.9	+0.8	-3.3	339	12	55.3	+1.5	-2.1	313
17 Dec 23	3181	6.0	DD	52						3	4.4	+0.3	+0.0	50	3	3.5	+0.6	-0.3	64
17 Dec 29	405	4.3	DD	124	3	9.2	+1.8	+0.7	66	2	52.2	+1.5	+1.5	51	2	37.0	+1.8	+1.4	62
17 Dec 30	692	0.9	DD	150	23	7.0	+0.3	+1.1	91	23	6.4	+0.0	+1.3	80					
17 Dec 31	692	0.9	RB	150	0	2.2	+0.3	+1.9	235	0	0.7	+0.2	+1.6	247	23	51.0	+0.0	+1.6	238