

Date	Time (UTC)	Epoch 2000				Distance (AU)		Est Mag	Elong
		RA	Dec	Alt.	Az	Sun	Earth		
01/25/21	00:00:00	01h47.4m	-04°37'	+47.8°	156.3°	01.0257	00.5410	+10.4	078.6°
01/26/21	00:00:00	01h55.1m	-04°23'	+47.7°	154.8°	01.0350	00.5440	+10.6	079.6°
01/27/21	00:00:00	02h02.8m	-04°09'	+47.6°	153.4°	01.0444	00.5474	+10.7	080.5°
01/28/21	00:00:00	02h10.4m	-03°54'	+47.5°	152.0°	01.0539	00.5512	+10.8	081.4°
01/29/21	00:00:00	02h17.9m	-03°40'	+47.4°	150.7°	01.0635	00.5556	+10.9	082.2°
01/30/21	00:00:00	02h25.2m	-03°25'	+47.2°	149.4°	01.0732	00.5603	+11.0	083.1°
01/31/21	00:00:00	02h32.5m	-03°11'	+47.1°	148.1°	01.0829	00.5656	+11.1	083.9°
02/01/21	00:00:00	02h39.7m	-02°56'	+47.0°	146.9°	01.0928	00.5712	+11.2	084.7°
02/02/21	00:00:00	02h46.7m	-02°41'	+46.8°	145.8°	01.1026	00.5773	+11.4	085.5°
02/03/21	00:00:00	02h53.6m	-02°26'	+46.7°	144.6°	01.1126	00.5837	+11.5	086.3°
02/04/21	00:00:00	03h00.4m	-02°12'	+46.6°	143.5°	01.1226	00.5906	+11.6	087.0°
02/05/21	00:00:00	03h07.1m	-01°57'	+46.5°	142.5°	01.1327	00.5979	+11.7	087.7°
02/06/21	00:00:00	03h13.7m	-01°43'	+46.3°	141.5°	01.1429	00.6055	+11.9	088.4°
02/07/21	00:00:00	03h20.1m	-01°28'	+46.2°	140.6°	01.1531	00.6135	+12.0	089.1°
02/08/21	00:00:00	03h26.4m	-01°14'	+46.1°	139.7°	01.1633	00.6219	+12.1	089.7°
02/09/21	00:00:00	03h32.5m	-01°00'	+46.0°	138.8°	01.1736	00.6306	+12.2	090.3°
02/10/21	00:00:00	03h38.5m	-00°46'	+45.9°	138.0°	01.1839	00.6397	+12.4	090.8°
02/11/21	00:00:00	03h44.4m	-00°33'	+45.8°	137.2°	01.1943	00.6491	+12.5	091.4°
02/12/21	00:00:00	03h50.2m	-00°19'	+45.8°	136.5°	01.2047	00.6588	+12.6	091.9°
02/13/21	00:00:00	03h55.9m	-00°06'	+45.7°	135.8°	01.2151	00.6689	+12.7	092.4°
02/14/21	00:00:00	04h01.4m	+00°07'	+45.7°	135.2°	01.2256	00.6792	+12.9	092.8°
02/15/21	00:00:00	04h06.8m	+00°20'	+45.6°	134.6°	01.2361	00.6898	+13.0	093.2°
02/16/21	00:00:00	04h12.1m	+00°32'	+45.6°	134.0°	01.2466	00.7007	+13.1	093.6°
02/17/21	00:00:00	04h17.2m	+00°45'	+45.6°	133.5°	01.2571	00.7119	+13.2	094.0°
02/18/21	00:00:00	04h22.3m	+00°57'	+45.6°	133.0°	01.2677	00.7234	+13.4	094.3°
02/19/21	00:00:00	04h27.2m	+01°09'	+45.6°	132.6°	01.2783	00.7351	+13.5	094.6°
02/20/21	00:00:00	04h32.1m	+01°20'	+45.6°	132.1°	01.2889	00.7471	+13.6	094.9°
02/21/21	00:00:00	04h36.8m	+01°31'	+45.6°	131.8°	01.2995	00.7593	+13.7	095.1°
02/22/21	00:00:00	04h41.4m	+01°42'	+45.7°	131.4°	01.3101	00.7717	+13.9	095.4°
02/23/21	00:00:00	04h45.9m	+01°53'	+45.7°	131.1°	01.3208	00.7844	+14.0	095.6°
02/24/21	00:00:00	04h50.4m	+02°04'	+45.8°	130.8°	01.3314	00.7973	+14.1	095.7°
02/25/21	00:00:00	04h54.7m	+02°14'	+45.9°	130.5°	01.3421	00.8104	+14.2	095.9°
02/26/21	00:00:00	04h59.0m	+02°24'	+45.9°	130.3°	01.3527	00.8238	+14.4	096.0°
02/27/21	00:00:00	05h03.2m	+02°33'	+46.0°	130.1°	01.3634	00.8373	+14.5	096.1°
02/28/21	00:00:00	05h07.2m	+02°43'	+46.1°	129.9°	01.3741	00.8510	+14.6	096.2°
03/01/21	00:00:00	05h11.2m	+02°52'	+46.2°	129.7°	01.3848	00.8650	+14.7	096.3°
03/02/21	00:00:00	05h15.2m	+03°01'	+46.4°	129.6°	01.3955	00.8791	+14.8	096.3°
03/03/21	00:00:00	05h19.0m	+03°10'	+46.5°	129.5°	01.4062	00.8934	+15.0	096.4°
03/04/21	00:00:00	05h22.8m	+03°18'	+46.6°	129.4°	01.4168	00.9079	+15.1	096.4°
03/05/21	00:00:00	05h26.5m	+03°27'	+46.8°	129.3°	01.4275	00.9225	+15.2	096.4°
03/06/21	00:00:00	05h30.2m	+03°35'	+46.9°	129.3°	01.4382	00.9373	+15.3	096.4°
03/07/21	00:00:00	05h33.7m	+03°42'	+47.1°	129.3°	01.4489	00.9523	+15.4	096.3°
03/08/21	00:00:00	05h37.3m	+03°50'	+47.2°	129.3°	01.4596	00.9675	+15.5	096.3°
03/09/21	00:00:00	05h40.7m	+03°57'	+47.4°	129.3°	01.4702	00.9828	+15.6	096.2°
03/10/21	00:00:00	05h44.1m	+04°04'	+47.6°	129.4°	01.4809	00.9983	+15.8	096.1°
03/11/21	00:00:00	05h47.5m	+04°11'	+47.8°	129.4°	01.4916	01.0139	+15.9	096.0°
03/12/21	00:00:00	05h50.7m	+04°18'	+47.9°	129.5°	01.5022	01.0296	+16.0	095.9°
03/13/21	00:00:00	05h54.0m	+04°24'	+48.1°	129.6°	01.5128	01.0456	+16.1	095.7°
03/14/21	00:00:00	05h57.2m	+04°30'	+48.3°	129.7°	01.5235	01.0616	+16.2	095.6°
03/15/21	00:00:00	06h00.3m	+04°36'	+48.5°	129.9°	01.5341	01.0778	+16.3	095.4°
03/16/21	00:00:00	06h03.4m	+04°42'	+48.8°	130.0°	01.5447	01.0941	+16.4	095.3°
03/17/21	00:00:00	06h06.4m	+04°48'	+49.0°	130.2°	01.5553	01.1105	+16.5	095.1°
03/18/21	00:00:00	06h09.4m	+04°53'	+49.2°	130.4°	01.5659	01.1271	+16.6	094.9°
03/19/21	00:00:00	06h12.4m	+04°58'	+49.4°	130.6°	01.5764	01.1438	+16.7	094.7°
03/20/21	00:00:00	06h15.3m	+05°03'	+49.6°	130.8°	01.5870	01.1606	+16.8	094.5°
03/21/21	00:00:00	06h18.2m	+05°08'	+49.9°	131.1°	01.5975	01.1776	+16.9	094.2°

Date	Time (UTC)	Epoch 2000				Distance (AU)		Est Mag	Elong
		RA	Dec	Alt	Az	Sun	Earth		
01/25/21	00:00:00	08h44.0m	-33°60'	-41.2°	107.2°	01.4134	00.5831	+11.1	126.9°
01/26/21	00:00:00	08h35.5m	-32°03'	-38.1°	106.0°	01.4138	00.5683	+11.0	129.2°
01/27/21	00:00:00	08h26.9m	-29°58'	-34.8°	104.9°	01.4144	00.5548	+11.0	131.4°
01/28/21	00:00:00	08h18.4m	-27°43'	-31.4°	103.9°	01.4151	00.5428	+10.9	133.7°
01/29/21	00:00:00	08h09.8m	-25°20'	-27.8°	102.9°	01.4160	00.5323	+10.9	135.8°
01/30/21	00:00:00	08h01.3m	-22°49'	-24.1°	101.9°	01.4170	00.5235	+10.9	137.7°
01/31/21	00:00:00	07h52.9m	-20°10'	-20.3°	101.0°	01.4181	00.5164	+10.9	139.5°
02/01/21	00:00:00	07h44.6m	-17°26'	-16.4°	100.1°	01.4194	00.5112	+10.8	141.0°
02/02/21	00:00:00	07h36.4m	-14°37'	-12.4°	099.3°	01.4208	00.5080	+10.8	142.1°
02/03/21	00:00:00	07h28.5m	-11°44'	-08.4°	098.5°	01.4224	00.5066	+10.8	142.8°
02/04/21	00:00:00	07h20.7m	-08°50'	-04.4°	097.7°	01.4242	00.5073	+10.9	143.0°
02/05/21	00:00:00	07h13.1m	-05°55'	-00.4°	097.0°	01.4260	00.5099	+10.9	142.9°
02/06/21	00:00:00	07h05.7m	-03°03'	+03.6°	096.2°	01.4280	00.5145	+10.9	142.2°
02/07/21	00:00:00	06h58.6m	-00°13'	+07.5°	095.5°	01.4302	00.5210	+11.0	141.2°
02/08/21	00:00:00	06h51.8m	+02°32'	+11.3°	094.8°	01.4325	00.5293	+11.0	139.9°
02/09/21	00:00:00	06h45.2m	+05°12'	+15.0°	094.1°	01.4349	00.5393	+11.1	138.3°
02/10/21	00:00:00	06h38.8m	+07°46'	+18.5°	093.4°	01.4375	00.5510	+11.1	136.5°
02/11/21	00:00:00	06h32.8m	+10°12'	+21.9°	092.7°	01.4402	00.5643	+11.2	134.6°
02/12/21	00:00:00	06h27.0m	+12°32'	+25.2°	092.0°	01.4431	00.5789	+11.3	132.5°
02/13/21	00:00:00	06h21.4m	+14°43'	+28.3°	091.4°	01.4461	00.5949	+11.4	130.5°
02/14/21	00:00:00	06h16.1m	+16°48'	+31.3°	090.7°	01.4492	00.6121	+11.5	128.4°
02/15/21	00:00:00	06h11.1m	+18°44'	+34.1°	090.0°	01.4525	00.6304	+11.6	126.3°
02/16/21	00:00:00	06h06.3m	+20°34'	+36.8°	089.2°	01.4558	00.6497	+11.6	124.2°
02/17/21	00:00:00	06h01.8m	+22°17'	+39.4°	088.5°	01.4594	00.6700	+11.7	122.1°
02/18/21	00:00:00	05h57.5m	+23°53'	+41.8°	087.8°	01.4630	00.6910	+11.8	120.2°
02/19/21	00:00:00	05h53.4m	+25°23'	+44.1°	087.0°	01.4668	00.7128	+11.9	118.2°
02/20/21	00:00:00	05h49.5m	+26°47'	+46.3°	086.2°	01.4707	00.7353	+12.0	116.3°
02/21/21	00:00:00	05h45.8m	+28°06'	+48.3°	085.4°	01.4747	00.7583	+12.1	114.5°
02/22/21	00:00:00	05h42.4m	+29°20'	+50.3°	084.5°	01.4789	00.7819	+12.2	112.7°
02/23/21	00:00:00	05h39.1m	+30°29'	+52.1°	083.6°	01.4832	00.8059	+12.3	111.0°
02/24/21	00:00:00	05h36.0m	+31°33'	+53.9°	082.7°	01.4876	00.8304	+12.4	109.3°
02/25/21	00:00:00	05h33.1m	+32°34'	+55.6°	081.7°	01.4921	00.8553	+12.5	107.7°
02/26/21	00:00:00	05h30.4m	+33°31'	+57.2°	080.7°	01.4968	00.8804	+12.6	106.1°
02/27/21	00:00:00	05h27.8m	+34°25'	+58.7°	079.6°	01.5015	00.9059	+12.7	104.6°
02/28/21	00:00:00	05h25.4m	+35°15'	+60.1°	078.5°	01.5064	00.9316	+12.8	103.2°
03/01/21	00:00:00	05h23.1m	+36°03'	+61.5°	077.3°	01.5114	00.9576	+12.9	101.7°
03/02/21	00:00:00	05h21.0m	+36°48'	+62.8°	076.0°	01.5165	00.9837	+13.0	100.3°
03/03/21	00:00:00	05h19.0m	+37°30'	+64.1°	074.7°	01.5217	01.0101	+13.1	099.0°
03/04/21	00:00:00	05h17.1m	+38°11'	+65.2°	073.3°	01.5270	01.0365	+13.2	097.7°
03/05/21	00:00:00	05h15.3m	+38°49'	+66.4°	071.7°	01.5325	01.0631	+13.3	096.4°
03/06/21	00:00:00	05h13.7m	+39°25'	+67.4°	070.1°	01.5380	01.0897	+13.4	095.1°
03/07/21	00:00:00	05h12.2m	+39°59'	+68.4°	068.4°	01.5436	01.1165	+13.5	093.9°
03/08/21	00:00:00	05h10.7m	+40°32'	+69.4°	066.6°	01.5494	01.1433	+13.5	092.7°
03/09/21	00:00:00	05h09.4m	+41°04'	+70.3°	064.6°	01.5552	01.1702	+13.6	091.6°
03/10/21	00:00:00	05h08.2m	+41°34'	+71.1°	062.5°	01.5612	01.1970	+13.7	090.4°
03/11/21	00:00:00	05h07.1m	+42°02'	+71.9°	060.3°	01.5672	01.2239	+13.8	089.3°
03/12/21	00:00:00	05h06.0m	+42°30'	+72.7°	057.9°	01.5734	01.2508	+13.9	088.2°
03/13/21	00:00:00	05h05.0m	+42°56'	+73.3°	055.4°	01.5796	01.2777	+14.0	087.2°
03/14/21	00:00:00	05h04.2m	+43°21'	+74.0°	052.8°	01.5859	01.3045	+14.1	086.1°
03/15/21	00:00:00	05h03.4m	+43°45'	+74.5°	050.0°	01.5923	01.3314	+14.2	085.1°
03/16/21	00:00:00	05h02.6m	+44°09'	+75.1°	047.0°	01.5989	01.3581	+14.3	084.1°
03/17/21	00:00:00	05h02.0m	+44°31'	+75.5°	044.0°	01.6055	01.3848	+14.3	083.1°
03/18/21	00:00:00	05h01.4m	+44°53'	+75.9°	040.8°	01.6121	01.4115	+14.4	082.1°
03/19/21	00:00:00	05h00.9m	+45°14'	+76.3°	037.5°	01.6189	01.4381	+14.5	081.2°
03/20/21	00:00:00	05h00.4m	+45°34'	+76.5°	034.1°	01.6258	01.4646	+14.6	080.3°
03/21/21	00:00:00	04h60.0m	+45°54'	+76.8°	030.6°	01.6327	01.4910	+14.7	079.3°