

Date	Time (UTC)	Epoch 2000		Alt	Az	Distance (AU)		Est Mag	Elong
		RA	Dec			Sun	Earth		
12/10/20	00:00:00	20h41.6m	-09°37'	+43.2°	201.0°	00.8145	00.8240	+10.6	052.6°
12/11/20	00:00:00	20h46.3m	-09°34'	+43.3°	200.8°	00.8125	00.8131	+10.5	052.7°
12/12/20	00:00:00	20h51.0m	-09°31'	+43.4°	200.6°	00.8110	00.8021	+10.5	052.8°
12/13/20	00:00:00	20h55.8m	-09°27'	+43.5°	200.3°	00.8097	00.7913	+10.4	052.9°
12/14/20	00:00:00	21h00.6m	-09°24'	+43.6°	200.1°	00.8088	00.7804	+10.4	053.0°
12/15/20	00:00:00	21h05.6m	-09°21'	+43.8°	199.8°	00.8082	00.7697	+10.3	053.2°
12/16/20	00:00:00	21h10.6m	-09°18'	+43.9°	199.4°	00.8079	00.7590	+10.3	053.3°
12/17/20	00:00:00	21h15.7m	-09°14'	+44.0°	199.0°	00.8080	00.7484	+10.2	053.5°
12/18/20	00:00:00	21h20.9m	-09°11'	+44.1°	198.7°	00.8084	00.7378	+10.2	053.7°
12/19/20	00:00:00	21h26.2m	-09°08'	+44.3°	198.2°	00.8092	00.7274	+10.2	053.9°
12/20/20	00:00:00	21h31.6m	-09°04'	+44.4°	197.8°	00.8102	00.7172	+10.2	054.2°
12/21/20	00:00:00	21h37.1m	-09°01'	+44.6°	197.3°	00.8117	00.7070	+10.2	054.4°
12/22/20	00:00:00	21h42.7m	-08°58'	+44.7°	196.7°	00.8134	00.6970	+10.2	054.7°
12/23/20	00:00:00	21h48.3m	-08°54'	+44.9°	196.2°	00.8154	00.6872	+10.3	055.0°
12/24/20	00:00:00	21h54.1m	-08°50'	+45.1°	195.6°	00.8178	00.6775	+10.3	055.4°
12/25/20	00:00:00	22h00.0m	-08°47'	+45.2°	194.9°	00.8205	00.6680	+10.3	055.7°
12/26/20	00:00:00	22h06.0m	-08°43'	+45.4°	194.2°	00.8235	00.6588	+10.4	056.1°
12/27/20	00:00:00	22h12.1m	-08°39'	+45.6°	193.5°	00.8268	00.6497	+10.4	056.5°
12/28/20	00:00:00	22h18.3m	-08°35'	+45.7°	192.8°	00.8304	00.6409	+10.5	056.9°
12/29/20	00:00:00	22h24.6m	-08°31'	+45.9°	191.9°	00.8343	00.6324	+10.6	057.4°
12/30/20	00:00:00	22h31.0m	-08°27'	+46.1°	191.1°	00.8385	00.6240	+10.7	057.8°
12/31/20	00:00:00	22h37.6m	-08°22'	+46.2°	190.2°	00.8430	00.6160	+10.7	058.3°
01/01/21	00:00:00	22h44.2m	-08°18'	+46.4°	189.2°	00.8478	00.6083	+10.8	058.9°
01/02/21	00:00:00	22h51.0m	-08°13'	+46.6°	188.3°	00.8528	00.6008	+10.9	059.4°
01/03/21	00:00:00	22h57.8m	-08°08'	+46.8°	187.2°	00.8581	00.5937	+11.0	060.0°
01/04/21	00:00:00	23h04.8m	-08°02'	+46.9°	186.1°	00.8636	00.5870	+11.2	060.7°
01/05/21	00:00:00	23h11.9m	-07°56'	+47.1°	185.0°	00.8694	00.5805	+11.3	061.3°
01/06/21	00:00:00	23h19.1m	-07°50'	+47.2°	183.8°	00.8754	00.5744	+11.4	062.0°
01/07/21	00:00:00	23h26.4m	-07°44'	+47.4°	182.6°	00.8817	00.5687	+11.5	062.7°
01/08/21	00:00:00	23h33.8m	-07°37'	+47.5°	181.3°	00.8882	00.5634	+11.7	063.4°
01/09/21	00:00:00	23h41.3m	-07°30'	+47.6°	180.0°	00.8949	00.5585	+11.8	064.2°
01/10/21	00:00:00	23h48.9m	-07°22'	+47.8°	178.7°	00.9018	00.5540	+12.0	065.0°
01/11/21	00:00:00	23h56.6m	-07°14'	+47.9°	177.3°	00.9089	00.5499	+12.1	065.8°
01/12/21	00:00:00	00h04.3m	-07°06'	+48.0°	175.9°	00.9162	00.5463	+12.3	066.6°
01/13/21	00:00:00	00h12.1m	-06°57'	+48.0°	174.5°	00.9237	00.5430	+12.5	067.5°
01/14/21	00:00:00	00h20.0m	-06°48'	+48.1°	173.0°	00.9314	00.5403	+12.6	068.4°
01/15/21	00:00:00	00h27.9m	-06°38'	+48.2°	171.5°	00.9392	00.5380	+12.8	069.3°
01/16/21	00:00:00	00h35.9m	-06°27'	+48.2°	170.0°	00.9472	00.5361	+13.0	070.2°
01/17/21	00:00:00	00h43.8m	-06°17'	+48.2°	168.4°	00.9554	00.5348	+13.1	071.1°
01/18/21	00:00:00	00h51.8m	-06°06'	+48.2°	166.9°	00.9637	00.5339	+13.3	072.0°
01/19/21	00:00:00	00h59.8m	-05°54'	+48.2°	165.4°	00.9722	00.5334	+13.5	073.0°
01/20/21	00:00:00	01h07.8m	-05°42'	+48.2°	163.8°	00.9808	00.5335	+13.7	073.9°
01/21/21	00:00:00	01h15.8m	-05°30'	+48.1°	162.3°	00.9895	00.5340	+13.9	074.9°
01/22/21	00:00:00	01h23.8m	-05°17'	+48.1°	160.8°	00.9984	00.5351	+14.1	075.8°
01/23/21	00:00:00	01h31.7m	-05°04'	+48.0°	159.2°	01.0074	00.5366	+14.3	076.8°
01/24/21	00:00:00	01h39.6m	-04°50'	+47.9°	157.8°	01.0165	00.5386	+14.5	077.7°
01/25/21	00:00:00	01h47.4m	-04°37'	+47.8°	156.3°	01.0257	00.5411	+14.7	078.6°
01/26/21	00:00:00	01h55.1m	-04°23'	+47.7°	154.8°	01.0350	00.5440	+14.9	079.6°
01/27/21	00:00:00	02h02.8m	-04°09'	+47.6°	153.4°	01.0444	00.5474	+15.1	080.5°
01/28/21	00:00:00	02h10.4m	-03°54'	+47.5°	152.0°	01.0539	00.5513	+15.3	081.4°
01/29/21	00:00:00	02h17.9m	-03°40'	+47.4°	150.7°	01.0635	00.5556	+15.6	082.2°
01/30/21	00:00:00	02h25.2m	-03°25'	+47.2°	149.4°	01.0732	00.5604	+15.8	083.1°
01/31/21	00:00:00	02h32.5m	-03°10'	+47.1°	148.1°	01.0829	00.5656	+16.0	083.9°
02/01/21	00:00:00	02h39.7m	-02°56'	+47.0°	146.9°	01.0928	00.5712	+16.2	084.7°
02/02/21	00:00:00	02h46.7m	-02°41'	+46.8°	145.8°	01.1026	00.5773	+16.4	085.5°
02/03/21	00:00:00	02h53.6m	-02°26'	+46.7°	144.6°	01.1126	00.5838	+16.6	086.3°