

Juno orbital data from Dr Glenn Orton, 2016 Nov.2:

Time (SCET) is UT at spacecraft.

Columns added by JHR give L1 and L2 as well as L3, for Juno at each perijove.

Penultimate column gives the nearest time (UT) at which this longitude will be on CM as viewed from Earth.

<u>Perijove</u>	<u>Date</u>	<u>Time (SCET)</u> hh:mm:ss	<u>L3 (equator crossing)</u>	<u>Interval</u>	<u>Longitudes from WinJUPOS:</u>			<u>Time on CM(Earth)</u> hh:mm	<u>Notes</u>
					<u>L1</u>	<u>L2</u>	<u>L3</u>		
PJ1	2016 Aug 27	12:51:20	96.1 deg W		33.0°	36.4°	96.1°	11:11.8	
				53d 5h					
PJ2	2016 Oct 19	18:12:01	348.83 deg W						(No data)
				52d 23h					
PJ3	2016 Dec 11	17:05:08	7.03 deg W		5.9°	279.1°	7.0°	15:56.8	
				52d 20h					
PJ4	2017 Feb 2	12:59:12	277.00 deg W		305.0°	175.0°	277.0°	11:51.9	
				52d 20h					
PJ5	2017 Mar 27	08:53:20	187.00 deg W		244.0°	70.9°	187.0°	07:36.9	
				52d 21h					Opposition 2017 April 7
PJ6	2017 May 19	06:01:51	142.00 deg W		228.3°	11.8°	142.0°	04:38.3	
				52d 20h					
PJ7	2017 Jul 11	01:55:56	52.00 deg W		167.4°	267.8°	52.0°	00:40.7	On or near GRS (L2 ~ 272)
				52d 20h					
PJ8	2017 Sep 1	21:50:01	322.00 deg W		106.5°	163.7°	322.0°	20:53.1	
				52d 20h					
PJ9	2017 Oct 24	17:44:04	232.00 deg W		45.7°	59.7°	232.0°	17:07.8	Solar conjunction 2017 Oct.26
				53d 00h					
PJ10	2017 Dec 16	17:58:48	299.50 deg W		143.6°	113.1°	299.5°	17:37.6	
				52d 20h					
PJ11	2018 Feb 7	13:53:23	209.50 deg W		82.7°	9.1°	209.5°	13:39.0	
				52d 20h					
PJ12	2018 Apr 1	09:47:24	119.50 deg W		21.8°	265.0°	119.5°	09:28.4	
				52d 22h					Opposition 2018 May 9
PJ13	2018 May 24	05:41:25	29.50 deg W		320.8°	161.0°	29.5°	05:12	

				53d 00h						
PJ14	2018 Jul 16	05:18:44	74.50 deg W		35.9°	191.8°	74.5°	04:50		
				52d 20h						
PJ15	2018 Sep 7	01:13:46	344.50 deg W		335.0°	87.8°	344.5°	00:58		
				52d 20h						
PJ16	2018 Oct 29	21:07:49	254.50 deg W		274.1°	343.7°	254.5°	21:13		
				52d 20h					Solar conjunction 2017 Nov.26	
PJ17	2018 Dec 21	17:01:52	164.50 deg W		213.2°	239.7°	164.5°	17:27		
				53d 00h						
PJ18	2019 Feb 12	17:36:13	243.25 deg W		322.5°	304.3°	243.3°	18:12		Near p. edge of GRS (L2 ~ 312)?
				52d 20h						
PJ19	2019 Apr 6	13:30:13	153.25 deg W		261.6°	200.3°	153.3°	14:07		
				52d 20h						
PJ20	2019 May 29	09:24:18	63.25 deg W		200.7°	96.3°	63.3°	09:52		
				52d 20h					Opposition 2019 June 10	
PJ21	2019 Jul 21	05:18:43	333.25 deg W		139.6°	352.2°	333.3°	05:39		
				52d 15h						
PJ22	2019 Sep 11	20:14:43	61.87 deg W		255.8°	66.8°	61.9°	20:41		