2006 Moon Parallax and Semi-diameter

Lower Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Jan 1	77.0	-6	1	76.5	-19	1	75.2	-32	1	73.0	-44	1	69.9	-55	1	66.0	-66	1	61.4	-75	1	56.2	-84	1	50.3	-91	1	43.9	-97	1	37.2	-102	1	27.0	-105	0	16.5
Jan 2	77.1	-6	-1	76.7	-19	-1	75.3	-32	-1	73.1	-44	-1	70.0	-55	-1	66.2	-66	-1	61.6	-75	-1	56.3	-84	-1	50.4	-91	-1	44.0	-97	-1	37.2	-102	-1	27.0	-105	0	16.5
Jan 3	77.0	-6	-4	76.5	-19	-4	75.2	-32	-4	72.9	-44	-4	69.9	-55	-3	66.0	-65	-3	61.4	-75	-3	56.2	-83	-3	50.3	-91	-2	43.9	-96	-2	37.2	-102	-2	27.0	-105	-1	16.5
Jan 4	76.5	-6	-6	76.0	-19	-5	74.7	-31	-5	72.5	-43	-5	69.5	-55	-5	65.6	-65	-5	61.0	-74	-4	55.8	-83	-4	50.0	-90	-3	43.7	-96	-3	36.9	-101	-2	26.8	-104	-2	16.4
Jan 5	75.8	-6	-7	75.4	-19	-6	74.1	-31	-6	71.9	-43	-6	68.8	-54	-6	65.0	-64	-5	60.5	-74	-5	55.3	-82	-5	49.6	-89	-4	43.3	-95	-3	36.6	-100	-3	26.6	-103	-2	16.2
Jan 6	75.0	-6	-7	74.6	-19	-7	73.3	-31	-7	71.1	-42	-6	68.1	-53	-6	64.4	-64	-6	59.9	-73	-5	54.8	-81	-5	49.0	-88	-4	42.8	-94	-4	36.2	-99	-3	26.3	-102	-2	16.1
Jan 7	74.2	-6	-7	73.8	-18	-7	72.5	-30	-7	70.3	-42	-6	67.4	-53	-6	63.6	-63	-6	59.2	-72	-5	54.1	-80	-5	48.5	-87	-4	42.4	-93	-4	35.8	-98	-3	26.0	-101	-2	15.9
Jan 8	73.4	-6	-7	72.9	-18	-6	71.6	-30	-6	69.5	-41	-6	66.6	-52	-6	62.9	-62	-5	58.6	-71	-5	53.5	-79	-5	47.9	-86	-4	41.9	-92	-3	35.4	-97	-3	25.7	-100	-2	15.7
Jan 9	72.6	-6	-6	72.1	-18	-6	70.9	-30	-6	68.8	-41	-6	65.9	-52	-5	62.3	-62	-5	57.9	-71	-5	53.0	-79	-4	47.4	-85	-4	41.4	-91	-3	35.0	-96	-3	25.4	-99	-2	15.5
Jan 10	71.8	-6	-5	71.4	-18	-5	70.2	-29	-5	68.1	-41	-5	65.2	-51	-5	61.6	-61	-5	57.3	-70	-4	52.4	-78	-4	47.0	-84	-3	41.0	-90	-3	34.7	-95	-2	25.2	-98	-2	15.4
Jan 11	71.2	-6	-5	70.8	-18	-5	69.5	-29	-5	67.5	-40	-5	64.6	-51	-4	61.1	-60	-4	56.8	-69	-4	51.9	-77	-3	46.5	-84	-3	40.6	-89	-3	34.4	-94	-2	25.0	-97	-1	15.2
Jan 12	70.6	-6	-4	70.2	-18	-4	68.9	-29	-4	66.9	-40	-4	64.1	-50	-4	60.6	-60	-4	56.3	-69	-3	51.5	-76	-3	46.1	-83	-3	40.3	-88	-2	34.1	-93	-2	24.8	-96	-1	15.1
Jan 13	70.1	-6	-4	69.7	-17	-4	68.4	-29	-4	66.4	-40	-3	63.6	-50	-3	60.1	-60	-3	55.9	-68	-3	51.1	-76	-3	45.8	-82	-2	40.0	-88	-2	33.8	-92	-2	24.6	-95	-1	15.0
Jan 14	69.6	-6	-3	69.2	-17	-3	68.0	-29	-3	66.0	-39	-3	63.2	-50	-3	59.7	-59	-3	55.6	-68	-2	50.8	-76	-2	45.5	-82	-2	39.7	-87	-2	33.6	-92	-1	24.4	-95	-1	14.9
Jan 15	69.3	-6	-2	68.8	-17	-2	67.6	-28	-2	65.6	-39	-2	62.9	-50	-2	59.4	-59	-2	55.3	-68	-2	50.5	-75	-2	45.3	-82	-1	39.5	-87	-1	33.4	-91	-1	24.3	-94	-1	14.8
Jan 16	69.0	-6	-1	68.6	-17	-1	67.4	-28	-1	65.4	-39	-1	62.6	-49	-1	59.2	-59	-1	55.0	-67	-1	50.3	-75	-1	45.1	-81	-1	39.4	-87	-1	33.3	-91	-1	24.2	-94	0	14.8
Jan 17	68.8	-6	0	68.4	-17	0	67.2	-28	0	65.2	-39	0	62.5	-49	0	59.0	-59	0	54.9	-67	0	50.2	-75	0	45.0	-81	0	39.3	-86	0	33.2	-91	0	24.1	-94	0	14.7
Jan 18	68.8	-6	1	68.3	-17	1	67.1	-28	1	65.2	-39	1	62.4	-49	1	59.0	-59	1	54.9	-67	1	50.2	-75	1	44.9	-81	1	39.3	-86	1	33.2	-91	0	24.1	-94	0	14.7
Jan 19	68.9	-6	2	68.5	-17	2	67.3	-28	2	65.3	-39	2	62.5	-49	2	59.1	-59	2	55.0	-67	2	50.3	-75	2	45.0	-82	1	39.3	-87	1	33.3	-91	1	24.1	-94	1	14.7
Jan 20	69.2	-6	4	68.8	-17	4	67.5	-29	4	65.5	-39	4	62.8	-50	4	59.3	-59	3	55.2	-68	3	50.5	-75	3	45.2	-82	2	39.5	-87	2	33.4	-92	2	24.2	-95	1	14.8
Jan 21	69.6	-6	6	69.2	-17	6	68.0	-29	6	66.0	-40	5	63.2	-50	5	59.7	-60	5	55.6	-68	4	50.8	-76	4	45.5	-83	4	39.8	-88	3	33.6	-93	2	24.4	-96	2	14.9
Jan 22	70.3	-6	7	69.9	-18	7	68.7	-29	7	66.7	-40	7	63.9	-51	7	60.3	-60	6	56.1	-69	6	51.3	-77	5	46.0	-84	5	40.2	-89	4	34.0	-94	3	24.7	-97	2	15.1
Jan 23	71.2	-6	9	70.8	-18	9	69.6	-30	8	67.5	-41	8	64.7	-51	8	61.1	-61	7	56.8	-70	7	52.0	-78	6	46.5	-85	5	40.7	-90	5	34.4	-95	4	25.0	-98	2	15.3
Jan 24	72.3	-6	10	71.9	-18	10	70.6	-30	10	68.5	-41	9	65.6	-52	9	62.0	-62	8	57.7	-71	8	52.7	-79	7	47.2	-86	6	41.3	-92	5	34.9	-96	4	25.3	-99	3	15.5
Jan 25	73.5	-6	10	73.0	-19	10	71.8	-31	10	69.6	-42	10	66.7	-53	9	63.0	-63	9	58.6	-72	8	53.6	-81	7	48.0	-87	6	41.9	-93	5	35.5	-98	4	25.8	-101	3	15.7
Jan 26	74.7	-6	10	74.3	-19	10	73.0	-31	9	70.8	-43	9	67.8	-54	9	64.1	-64	8	59.6	-74	8	54.5	-82	7	48.8	-89	6	42.6	-95	5	36.1	-100	4	26.2	-103	3	16.0
Jan 27	75.9	-6	8	75.4	-19	8	74.1	-31	8	71.9	-43	8	68.9	-55	7	65.1	-65	7	60.6	-75	6	55.4	-83	6	49.6	-90	5	43.3	-96	4	36.6	-101	4	26.6	-104	2	16.2
Jan 28	76.9	-6	6	76.4	-19	6	75.1	-32	6	72.9	-44	6	69.8	-55	5	66.0	-66	5	61.4	-76	5	56.1	-84	4	50.3	-91	4	43.9	-97	3	37.1	-102	3	27.0	-105	2	16.5
Jan 29	77.6	-7	3	77.2	-19	3	75.8	-32	3	73.6	-44	3	70.5	-56	3	66.6	-66	2	62.0	-76	2	56.6	-85	2	50.7	-92	2	44.3	-98	2	37.5	-103	1	27.2	-106	1	16.6
Jan 30	78.0	-7	-1	77.5	-19	-1	76.1	-32	-1	73.9	-44	-1	70.8	-56	-1	66.9	-67	-1	62.2	-76	0	56.9	-85	0	51.0	-92	0	44.5	-98	0	37.6	-103	0	27.3	-106	0	16.7
Jan 31	77.9	-6	-4	77.4	-19	-4	76.1	-32	-4	73.8	-44	-4	70.7	-56	-3	66.8	-66	-3	62.2	-76	-3	56.8	-84	-3	50.9	-92	-2	44.5	-98	-2	37.6	-103	-2	27.3	-106	-1	16.7
Feb 1	77.4	-6	-7	77.0	-19	-6	75.6	-32	-6	73.4	-44	-6	70.3	-55	-6	66.4	-66	-5	61.8	-75	-5	56.5	-84	-5	50.6	-91	-4	44.2	-97	-3	37.4	-102	-3	27.1	-105	-2	16.6
Feb 2	76.6	-6	-8	76.2	-19	-8	74.8	-31	-8	72.6	-43	-8	69.6	-55	-7	65.7	-65	-7	61.2	-74	-6	55.9	-83	-6	50.1	-90	-5	43.8	-96	-4	37.0	-101	-3	26.9	-104	-2	16.4
Feb 3	75.6	-6	-9	75.2	-19	-9	73.9	-31	-9	71.7	-43	-8	68.7	-54	-8	64.9	-64	-8	60.4	-73	-7	55.2	-82	-6	49.4	-89	-6	43.2	-94	-5	36.5	-99	-4	26.5	-102	-3	16.2
Feb 4	74.5	-6	-9	74.1	-18	-9	72.8	-31	-9	70.6	-42	-9	67.7	-53	-8	63.9	-63	-8	59.5	-72	-7	54.4	-80	-6	48.7	-87	-6	42.6	-93	-5	36.0	-98	-4	26.1	-101	-3	16.0
Feb 5	73.4	-6	-9	73.0	-18	-8	71.7	-30	-8	69.6	-41	-8	66.7	-52	-8	63.0	-62	-7	58.6	-71	-7	53.6	-79	-6	48.0	-86	-5	41.9	-92	-5	35.5	-96	-4	25.7	-100	-2	15.7
Feb 6	72.4	-6	-8	72.0	-18	-8	70.7	-30	-7	68.6	-41	-7	65.7	-52	-7	62.1	-61	-6	57.8	-70	-6	52.8	-78	-5	47.3	-85	-5	41.3	-90	-4	35.0	-95	-3	25.4	-98	-2	15.5
Feb 7	71.5	-6	-7	71.1	-18	-6	69.8	-29	-6	67.8	-40	-6	64.9	-51	-6	61.3	-61	-5	57.1	-70	-5	52.2	-77	-5	46.7	-84	-4	40.8	-89	-3	34.5	-94	-3	25.1	-97	-2	15.3
Feb 8	70.7	-6	-5	70.3	-18	-5	69.0	-29	-5	67.0	-40	-5	64.2	-50	-5	60.6	-60	-4	56.4	-69	-4	51.6	-77	-4	46.2	-83	-3	40.4	-88	-3	34.1	-93	-2	24.8	-96	-2	15.1
Feb 9	70.1	-6	-4	69.6	-17	-4	68.4	-29	-4	66.4	-40	-4	63.6	-50	-4	60.1	-60	-4	55.9	-68	-3	51.1	-76	-3	45.8	-82	-3	40.0	-88	-2	33.8	-92	-2	24.6	-95	-1	15.0
Feb 10	69.5	-6	-3	69.1	-17	-3	67.9	-29	-3	65.9	-39	-3	63.1	-50	-3	59.7	-59	-3	55.5	-68	-2	50.7	-75	-2	45.4	-82	-2	39.7	-87	-2	33.6	-92	-1	24.4	-95	-1	14.9
Feb 11	69.2	-6	-2	68.7	-17	-2	67.5	-28	-2	65.5	-39	-2	62.8	-49	-2	59.3	-59	-2	55.2	-67	-2	50.5	-75	-2	45.2	-82	-1	39.5	-87	-1	33.4	-91	-1	24.2	-94	-1	14.8
Feb 12	68.9	-6	-1	68.5	-17	-1	67.3	-28	-1	65.3	-39	-1	62.5	-49	-1	59.1	-59	-1	55.0	-67	-1	50.3	-75	-1	45.0	-81	-1	39.3	-86	-1	33.3	-91	-1	24.2	-94	0	14.8
Feb 13	68.7	-6	0	68.3	-17	0	67.1	-28	0	65.1	-39	0	62.4	-49	0	59.0	-59	0	54.8	-67	0	50.1	-75	0	44.9	-81	0	39.2	-86	0	33.2	-91	0	24.1	-94	0	14.7
Feb 14	68.7	-6	0	68.3	-17	0	67.1	-28	0	65.1	-39	0	62.3	-49	0	58.9	-59	0	54.8	-67	0	50.1	-75	0	44.9	-81	0	39.2	-86	0	33.2	-91	0	24.1	-94	0	14.7
Feb 15	68.7	-6	1	68.3	-17	1	67.1	-28	1	65.1	-39	1	62.4	-49	1	59.0	-59	1	54.8	-67	1	50.1	-75	1	44.9	-81	1	39.2	-86	1	33.2	-91	1	24.1	-94	0	14.7

2006 Moon Parallax and Semi-diameter

Upper Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Jan 1	44.0	-6	1	43.6	-19	1	42.2	-32	1	40.0	-44	1	36.9	-55	1	33.1	-66	1	28.5	-75	1	23.2	-84	1	17.3	-91	1	11.0	-97	1	4.2	-102	1	-6.0	-105	0	-16.5
Jan 2	44.1	-6	-1	43.6	-19	-1	42.3	-32	-1	40.1	-44	-1	37.0	-55	-1	33.1	-66	-1	28.5	-75	-1	23.2	-84	-1	17.4	-91	-1	11.0	-97	-1	4.2	-102	-1	-6.0	-105	0	-16.5
Jan 3	44.0	-6	-4	43.5	-19	-4	42.2	-32	-4	40.0	-44	-4	36.9	-55	-3	33.1	-65	-3	28.5	-75	-3	23.2	-83	-3	17.3	-91	-2	11.0	-96	-2	4.2	-102	-2	-6.0	-105	-1	-16.5
Jan 4	43.7	-6	-6	43.3	-19	-5	41.9	-31	-5	39.7	-43	-5	36.7	-55	-5	32.9	-65	-5	28.3	-74	-4	23.1	-83	-4	17.2	-90	-3	10.9	-96	-3	4.2	-101	-2	-5.9	-104	-2	-16.4
Jan 5	43.3	-6	-7	42.9	-19	-6	41.6	-31	-6	39.4	-43	-6	36.4	-54	-6	32.6	-64	-5	28.0	-74	-5	22.9	-82	-5	17.1	-89	-4	10.8	-95	-3	4.1	-100	-3	-5.9	-103	-2	-16.2
Jan 6	42.9	-6	-7	42.5	-19	-7	41.1	-31	-7	39.0	-42	-6	36.0	-53	-6	32.2	-64	-6	27.8	-73	-5	22.6	-81	-5	16.9	-88	-4	10.7	-94	-4	4.1	-99	-3	-5.8	-102	-2	-16.1
Jan 7	42.4	-6	-7	42.0	-18	-7	40.7	-30	-7	38.5	-42	-6	35.6	-53	-6	31.9	-63	-6	27.4	-72	-5	22.4	-80	-5	16.7	-87	-4	10.6	-93	-4	4.1	-98	-3	-5.8	-101	-2	-15.9
Jan 8	41.9	-6	-7	41.5	-18	-6	40.2	-30	-6	38.1	-41	-6	35.2	-52	-6	31.5	-62	-5	27.1	-71	-5	22.1	-79	-5	16.5	-86	-4	10.5	-92	-3	4.0	-97	-3	-5.7	-100	-2	-15.7
Jan 9	41.5	-6	-6	41.1	-18	-6	39.8	-30	-6	37.7	-41	-6	34.8	-52	-5	31.2	-62	-5	26.8	-71	-5	21.9	-79	-4	16.3	-85	-4	10.3	-91	-3	4.0	-96	-3	-5.6	-99	-2	-15.5
Jan 10	41.1	-6	-5	40.7	-18	-5	39.4	-29	-5	37.3	-41	-5	34.5	-51	-5	30.9	-61	-5	26.6	-70	-4	21.7	-78	-4	16.2	-84	-3	10.2	-90	-3	3.9	-95	-2	-5.6	-98	-2	-15.4
Jan 11	40.7	-6	-5	40.3	-18	-5	39.0	-29	-5	37.0	-40	-5	34.1	-51	-4	30.6	-60	-4	26.3	-69	-4	21.5	-77	-3	16.0	-84	-3	10.2	-89	-3	3.9	-94	-2	-5.5	-97	-1	-15.2
Jan 12	40.4	-6	-4	39.9	-18	-4	38.7	-29	-4	36.7	-40	-4	33.9	-50	-4	30.3	-60	-4	26.1	-69	-3	21.3	-76	-3	15.9	-83	-3	10.1	-88	-2	3.9	-93	-2	-5.5	-96	-1	-15.1
Jan 13	40.1	-6	-4	39.7	-17	-4	38.4	-29	-4	36.4	-40	-3	33.6	-50	-3	30.1	-60	-3	25.9	-68	-3	21.1	-76	-3	15.8	-82	-2	10.0	-88	-2	3.8	-92	-2	-5.4	-95	-1	-15.0
Jan 14	39.8	-6	-3	39.4	-17	-3	38.2	-29	-3	36.2	-39	-3	33.4	-50	-3	29.9	-59	-3	25.7	-68	-2	21.0	-76	-2	15.7	-82	-2	9.9	-87	-2	3.8	-92	-1	-5.4	-95	-1	-14.9
Jan 15	39.6	-6	-2	39.2	-17	-2	38.0	-28	-2	36.0	-39	-2	33.2	-50	-2	29.7	-59	-2	25.6	-68	-2	20.9	-75	-2	15.6	-82	-1	9.9	-87	-1	3.8	-91	-1	-5.4	-94	-1	-14.8
Jan 16	39.4	-6	-1	39.0	-17	-1	37.8	-28	-1	35.8	-39	-1	33.1	-49	-1	29.6	-59	-1	25.5	-67	-1	20.8	-75	-1	15.5	-81	-1	9.8	-87	-1	3.8	-91	-1	-5.4	-94	0	-14.8
Jan 17	39.3	-6	0	38.9	-17	0	37.7	-28	0	35.7	-39	0	33.0	-49	0	29.6	-59	0	25.4	-67	0	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Jan 18	39.3	-6	1	38.9	-17	1	37.7	-28	1	35.7	-39	1	33.0	-49	1	29.5	-59	1	25.4	-67	1	20.7	-75	1	15.5	-81	1	9.8	-86	1	3.8	-91	0	-5.3	-94	0	-14.7
Jan 19	39.4	-6	2	39.0	-17	2	37.8	-28	2	35.8	-39	2	33.0	-49	2	29.6	-59	2	25.5	-67	2	20.8	-75	2	15.5	-82	1	9.8	-87	1	3.8	-91	1	-5.3	-94	1	-14.7
Jan 20	39.5	-6	4	39.1	-17	4	37.9	-29	4	35.9	-39	4	33.2	-50	4	29.7	-59	3	25.6	-68	3	20.8	-75	3	15.6	-82	2	9.9	-87	2	3.8	-92	2	-5.4	-95	1	-14.8
Jan 21	39.8	-6	6	39.4	-17	6	38.2	-29	6	36.2	-40	5	33.4	-50	5	29.9	-60	5	25.8	-68	4	21.0	-76	4	15.7	-83	4	9.9	-88	3	3.8	-93	2	-5.4	-96	2	-14.9
Jan 22	40.2	-6	7	39.8	-18	7	38.6	-29	7	36.5	-40	7	33.7	-51	7	30.2	-60	6	26.0	-69	6	21.2	-77	5	15.8	-84	5	10.0	-89	4	3.8	-94	3	-5.5	-97	2	-15.1
Jan 23	40.7	-6	9	40.3	-18	9	39.1	-30	8	37.0	-41	8	34.2	-51	8	30.6	-61	7	26.3	-70	7	21.5	-78	6	16.0	-85	5	10.2	-90	5	3.9	-95	4	-5.5	-98	2	-15.3
Jan 24	41.3	-6	10	40.9	-18	10	39.6	-30	10	37.5	-41	9	34.7	-52	9	31.0	-62	8	26.7	-71	8	21.8	-79	7	16.3	-86	6	10.3	-92	5	3.9	-96	4	-5.6	-99	3	-15.5
Jan 25	42.0	-6	10	41.6	-19	10	40.3	-31	10	38.2	-42	10	35.2	-53	9	31.6	-63	9	27.2	-72	8	22.1	-81	7	16.6	-87	6	10.5	-93	5	4.0	-98	4	-5.7	-101	3	-15.7
Jan 26	42.7	-6	10	42.3	-19	10	41.0	-31	9	38.8	-43	9	35.8	-54	9	32.1	-64	8	27.6	-74	8	22.5	-82	7	16.8	-89	6	10.7	-95	5	4.1	-100	4	-5.8	-103	3	-16.0
Jan 27	43.4	-6	8	42.9	-19	8	41.6	-31	8	39.4	-43	8	36.4	-55	7	32.6	-65	7	28.1	-75	6	22.9	-83	6	17.1	-90	5	10.8	-96	4	4.1	-101	4	-5.9	-104	2	-16.2
Jan 28	44.0	-6	6	43.5	-19	6	42.2	-32	6	39.9	-44	6	36.9	-55	5	33.0	-66	5	28.4	-76	5	23.2	-84	4	17.3	-91	4	11.0	-97	3	4.2	-102	3	-6.0	-105	2	-16.5
Jan 29	44.4	-7	3	43.9	-19	3	42.6	-32	3	40.3	-44	3	37.2	-56	3	33.3	-66	2	28.7	-76	2	23.4	-85	2	17.5	-92	2	11.1	-98	2	4.2	-103	1	-6.0	-106	1	-16.6
Jan 30	44.6	-7	-1	44.1	-19	-1	42.8	-32	-1	40.5	-44	-1	37.4	-56	-1	33.5	-67	-1	28.8	-76	0	23.5	-85	0	17.6	-92	0	11.1	-98	0	4.3	-103	0	-6.1	-106	0	-16.7
Jan 31	44.5	-6	-4	44.1	-19	-4	42.7	-32	-4	40.5	-44	-4	37.4	-56	-3	33.5	-66	-3	28.8	-76	-3	23.5	-84	-3	17.5	-92	-2	11.1	-98	-2	4.3	-103	-2	-6.1	-106	-1	-16.7
Feb 1	44.3	-6	-7	43.8	-19	-6	42.5	-32	-6	40.2	-44	-6	37.1	-55	-6	33.3	-66	-5	28.6	-75	-5	23.3	-84	-5	17.4	-91	-4	11.0	-97	-3	4.2	-102	-3	-6.0	-105	-2	-16.6
Feb 2	43.8	-6	-8	43.4	-19	-8	42.0	-31	-8	39.8	-43	-8	36.8	-55	-7	32.9	-65	-7	28.3	-74	-6	23.1	-83	-6	17.3	-90	-5	10.9	-96	-4	4.2	-101	-3	-6.0	-104	-2	-16.4
Feb 3	43.2	-6	-9	42.8	-19	-9	41.5	-31	-9	39.3	-43	-8	36.3	-54	-8	32.5	-64	-8	28.0	-73	-7	22.8	-82	-6	17.0	-89	-6	10.8	-94	-5	4.1	-99	-4	-5.9	-102	-3	-16.2
Feb 4	42.6	-6	-9	42.2	-18	-9	40.9	-31	-9	38.7	-42	-9	35.8	-53	-8	32.0	-63	-8	27.6	-72	-7	22.5	-80	-6	16.8	-87	-6	10.6	-93	-5	4.1	-98	-4	-5.8	-101	-3	-16.0
Feb 5	42.0	-6	-9	41.6	-18	-8	40.3	-30	-8	38.2	-41	-8	35.2	-52	-8	31.5	-62	-7	27.2	-71	-7	22.1	-79	-6	16.5	-86	-5	10.5	-92	-5	4.0	-96	-4	-5.7	-100	-2	-15.7
Feb 6	41.4	-6	-8	41.0	-18	-8	39.7	-30	-7	37.6	-41	-7	34.7	-52	-7	31.1	-61	-6	26.8	-70	-6	21.8	-78	-5	16.3	-85	-5	10.3	-90	-4	4.0	-95	-3	-5.6	-98	-2	-15.5
Feb 7	40.9	-6	-7	40.4	-18	-6	39.2	-29	-6	37.1	-40	-6	34.3	-51	-6	30.7	-61	-5	26.4	-70	-5	21.5	-77	-5	16.1	-84	-4	10.2	-89	-3	3.9	-94	-3	-5.6	-97	-2	-15.3
Feb 8	40.4	-6	-5	40.0	-18	-5	38.8	-29	-5	36.7	-40	-5	33.9	-50	-5	30.4	-60	-4	26.1	-69	-4	21.3	-77	-4	15.9	-83	-3	10.1	-88	-3	3.9	-93	-2	-5.5	-96	-2	-15.1
Feb 9	40.0	-6	-4	39.6	-17	-4	38.4	-29	-4	36.4	-40	-4	33.6	-50	-4	30.1	-60	-4	25.9	-68	-3	21.1	-76	-3	15.8	-82	-3	10.0	-88	-2	3.8	-92	-2	-5.4	-95	-1	-15.0
Feb 10	39.8	-6	-3	39.3	-17	-3	38.1	-29	-3	36.1	-39	-3	33.4	-50	-3	29.9	-59	-3	25.7	-68	-2	21.0	-75	-2	15.7	-82	-2	9.9	-87	-2	3.8	-92	-1	-5.4	-95	-1	-14.9
Feb 11	39.5	-6	-2	39.1	-17	-2	37.9	-28	-2	35.9	-39	-2	33.2	-49	-2	29.7	-59	-2	25.6	-67	-2	20.8	-75	-2	15.6	-82	-1	9.9	-87	-1	3.8	-91	-1	-5.4	-94	-1	-14.8
Feb 12	39.4	-6	-1	39.0	-17	-1	37.8	-28	-1	35.8	-39	-1	33.0	-49	-1	29.6	-59	-1	25.5	-67	-1	20.8	-75	-1	15.5	-81	-1	9.8	-86	-1	3.8	-91	-1	-5.4	-94	0	-14.8
Feb 13	39.3	-6	0	38.9	-17	0	37.7	-28	0	35.7	-39	0	33.0	-49	0	29.5	-59	0	25.4	-67	0	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Feb 14	39.3	-6	0	38.9	-17	0	37.7	-28	0	35.7	-39	0	32.9	-49	0	29.5	-59	0	25.4	-67	0	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Feb 15	39.3	-6	1	38.9	-17	1	37.7	-28	1	35.7	-39	1	33.0	-49	1	29.5	-59	1	25.4	-67	1	20.7	-75	1	15.5	-81	1	9.8	-86	1	3.8	-91	1	-5.3	-94	0	-14.7

2006 Moon Parallax and Semi-diameter

Lower Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Feb 16	68.9	-6	3	68.5	-17	3	67.3	-28	2	65.3	-39	2	62.6	-49	2	59.1	-59	2	55.0	-68	2	50.3	-75	2	45.0	-82	2	39.3	-87	1	33.3	-91	1	24.2	-94	1	14.8
Feb 17	69.2	-6	4	68.8	-17	4	67.6	-29	4	65.6	-39	4	62.8	-50	3	59.4	-59	3	55.2	-68	3	50.5	-76	3	45.2	-82	2	39.5	-87	2	33.4	-92	2	24.3	-95	1	14.8
Feb 18	69.7	-6	5	69.3	-17	5	68.0	-29	5	66.0	-40	5	63.3	-50	5	59.8	-60	4	55.6	-68	4	50.8	-76	4	45.5	-83	3	39.8	-88	3	33.6	-93	2	24.4	-95	1	14.9
Feb 19	70.3	-6	7	69.9	-18	6	68.6	-29	6	66.6	-40	6	63.8	-51	6	60.3	-60	5	56.1	-69	5	51.3	-77	5	45.9	-83	4	40.1	-89	3	33.9	-94	3	24.6	-96	2	15.0
Feb 20	71.1	-6	8	70.7	-18	8	69.4	-29	8	67.4	-41	7	64.5	-51	7	61.0	-61	7	56.7	-70	6	51.9	-78	5	46.4	-85	5	40.6	-90	4	34.3	-95	3	24.9	-98	2	15.2
Feb 21	72.0	-6	9	71.6	-18	9	70.3	-30	9	68.3	-41	8	65.4	-52	8	61.8	-62	8	57.5	-71	7	52.6	-79	6	47.1	-86	6	41.1	-91	5	34.8	-96	4	25.2	-99	3	15.4
Feb 22	73.1	-6	10	72.7	-18	10	71.4	-30	9	69.3	-42	9	66.4	-53	9	62.7	-63	8	58.4	-72	8	53.3	-80	7	47.8	-87	6	41.7	-93	5	35.3	-98	4	25.6	-101	3	15.7
Feb 23	74.3	-6	10	73.9	-19	10	72.6	-31	10	70.4	-43	9	67.5	-54	9	63.7	-64	8	59.3	-73	8	54.2	-81	7	48.6	-88	6	42.4	-94	5	35.9	-99	4	26.0	-102	3	15.9
Feb 24	75.5	-6	9	75.0	-19	9	73.7	-31	9	71.5	-43	9	68.5	-54	8	64.8	-65	8	60.2	-74	7	55.1	-83	6	49.3	-90	6	43.1	-96	5	36.4	-101	4	26.5	-104	3	16.2
Feb 25	76.6	-6	7	76.1	-19	7	74.8	-32	7	72.6	-44	7	69.5	-55	7	65.7	-66	6	61.1	-75	6	55.9	-84	5	50.0	-91	5	43.7	-97	4	37.0	-102	3	26.8	-105	2	16.4
Feb 26	77.5	-7	5	77.0	-19	5	75.7	-32	4	73.4	-44	4	70.3	-56	4	66.5	-66	4	61.8	-76	4	56.5	-85	3	50.6	-92	3	44.2	-98	2	37.4	-103	2	27.2	-106	1	16.6
Feb 27	78.0	-7	1	77.6	-20	1	76.2	-32	1	74.0	-44	1	70.9	-56	1	66.9	-67	1	62.3	-76	1	56.9	-85	1	51.0	-92	1	44.5	-98	1	37.7	-103	1	27.4	-107	0	16.7
Feb 28	78.2	-7	-2	77.7	-19	-2	76.4	-32	-2	74.1	-44	-2	71.0	-56	-2	67.1	-67	-2	62.4	-76	-2	57.0	-85	-2	51.1	-92	-1	44.6	-98	-1	37.8	-103	-1	27.4	-106	-1	16.7
Mar 1	77.9	-6	-6	77.4	-19	-6	76.1	-32	-5	73.8	-44	-5	70.7	-56	-5	66.8	-66	-5	62.2	-76	-4	56.8	-84	-4	50.9	-92	-3	44.5	-97	-3	37.6	-103	-2	27.3	-106	-2	16.7
Mar 2	77.2	-6	-8	76.8	-19	-8	75.4	-32	-8	73.2	-44	-8	70.1	-55	-7	66.2	-65	-7	61.6	-75	-6	56.3	-83	-6	50.5	-91	-5	44.1	-96	-4	37.3	-102	-3	27.1	-105	-2	16.5
Mar 3	76.2	-6	-10	75.8	-19	-10	74.5	-31	-9	72.3	-43	-9	69.2	-54	-9	65.4	-65	-8	60.8	-74	-7	55.6	-82	-7	49.8	-89	-6	43.5	-95	-5	36.8	-100	-4	26.7	-103	-3	16.3
Mar 4	75.1	-6	-10	74.6	-19	-10	73.3	-31	-10	71.1	-42	-10	68.2	-53	-9	64.4	-64	-8	59.9	-73	-8	54.8	-81	-7	49.1	-88	-6	42.9	-94	-5	36.2	-99	-4	26.3	-102	-3	16.1
Mar 5	73.8	-6	-10	73.4	-18	-10	72.1	-30	-10	70.0	-42	-9	67.0	-52	-9	63.3	-62	-8	58.9	-72	-8	53.9	-80	-7	48.3	-86	-6	42.1	-92	-5	35.7	-97	-4	25.9	-100	-3	15.8
Mar 6	72.6	-6	-9	72.2	-18	-9	70.9	-30	-9	68.8	-41	-8	66.0	-52	-8	62.3	-62	-7	58.0	-70	-7	53.0	-78	-6	47.5	-85	-6	41.5	-91	-5	35.1	-95	-4	25.5	-98	-3	15.6
Mar 7	71.6	-6	-8	71.1	-18	-8	69.9	-29	-7	67.8	-40	-7	65.0	-51	-7	61.4	-61	-6	57.1	-70	-6	52.2	-77	-5	46.8	-84	-5	40.9	-89	-4	34.6	-94	-3	25.1	-97	-2	15.3
Mar 8	70.6	-6	-6	70.2	-18	-6	69.0	-29	-6	67.0	-40	-6	64.1	-50	-5	60.6	-60	-5	56.4	-69	-5	51.5	-76	-4	46.2	-83	-4	40.3	-88	-3	34.1	-93	-3	24.8	-96	-2	15.1
Mar 9	69.9	-6	-5	69.5	-17	-5	68.3	-29	-4	66.3	-40	-4	63.5	-50	-4	60.0	-59	-4	55.8	-68	-4	51.0	-76	-3	45.7	-82	-3	39.9	-88	-2	33.8	-92	-2	24.5	-95	-1	15.0
Mar 10	69.3	-6	-3	68.9	-17	-3	67.7	-29	-3	65.7	-39	-3	63.0	-50	-3	59.5	-59	-3	55.3	-68	-2	50.6	-75	-2	45.3	-82	-2	39.6	-87	-2	33.5	-92	-1	24.3	-94	-1	14.8
Mar 11	69.0	-6	-2	68.6	-17	-2	67.4	-28	-2	65.4	-39	-2	62.6	-49	-2	59.2	-59	-1	55.0	-67	-1	50.3	-75	-1	45.1	-81	-1	39.4	-87	-1	33.3	-91	-1	24.2	-94	-1	14.8
Mar 12	68.8	-6	-1	68.3	-17	-1	67.1	-28	-1	65.2	-39	-1	62.4	-49	-1	59.0	-59	-1	54.9	-67	0	50.2	-75	0	44.9	-81	0	39.2	-86	0	33.2	-91	0	24.1	-94	0	14.7
Mar 13	68.7	-6	0	68.3	-17	0	67.1	-28	0	65.1	-39	0	62.4	-49	0	58.9	-59	0	54.8	-67	0	50.1	-75	0	44.9	-81	0	39.2	-86	0	33.2	-91	0	24.1	-94	0	14.7
Mar 14	68.7	-6	1	68.3	-17	1	67.1	-28	1	65.1	-39	1	62.4	-49	1	59.0	-59	1	54.9	-67	1	50.2	-75	1	44.9	-81	1	39.2	-86	1	33.2	-91	1	24.1	-94	0	14.7
Mar 15	68.9	-6	2	68.5	-17	2	67.3	-28	2	65.3	-39	2	62.6	-49	2	59.1	-59	2	55.0	-67	2	50.3	-75	2	45.0	-82	1	39.3	-87	1	33.3	-91	1	24.2	-94	1	14.8
Mar 16	69.2	-6	3	68.8	-17	3	67.5	-29	3	65.5	-39	3	62.8	-50	3	59.3	-59	3	55.2	-68	2	50.5	-75	2	45.2	-82	2	39.5	-87	2	33.4	-92	1	24.2	-95	1	14.8
Mar 17	69.5	-6	4	69.1	-17	4	67.9	-29	4	65.9	-40	4	63.1	-50	3	59.6	-60	3	55.5	-68	3	50.7	-76	3	45.4	-82	2	39.7	-88	2	33.6	-92	2	24.4	-95	1	14.9
Mar 18	70.0	-6	5	69.6	-18	5	68.4	-29	5	66.3	-40	4	63.6	-50	4	60.0	-60	4	55.9	-69	4	51.1	-76	3	45.7	-83	3	40.0	-88	3	33.8	-93	2	24.5	-96	1	15.0
Mar 19	70.6	-6	6	70.1	-18	6	68.9	-29	5	66.9	-40	5	64.1	-51	5	60.5	-61	5	56.3	-69	4	51.5	-77	4	46.1	-84	3	40.3	-89	3	34.1	-94	2	24.7	-97	2	15.1
Mar 20	71.2	-6	7	70.8	-18	7	69.6	-30	6	67.5	-41	6	64.7	-51	6	61.1	-61	5	56.9	-70	5	52.0	-78	5	46.6	-85	4	40.7	-90	3	34.4	-95	3	25.0	-98	2	15.3
Mar 21	72.0	-6	7	71.6	-18	7	70.4	-30	7	68.3	-41	7	65.4	-52	7	61.8	-62	6	57.5	-71	6	52.6	-79	5	47.1	-86	5	41.1	-91	4	34.8	-96	3	25.3	-99	2	15.4
Mar 22	72.9	-6	8	72.5	-18	8	71.2	-30	8	69.1	-42	8	66.2	-53	7	62.6	-63	7	58.2	-72	6	53.2	-80	6	47.7	-87	5	41.6	-92	4	35.2	-97	3	25.6	-100	2	15.6
Mar 23	73.9	-6	8	73.5	-19	8	72.2	-31	8	70.1	-42	8	67.1	-53	7	63.4	-64	7	59.0	-73	6	53.9	-81	6	48.3	-88	5	42.2	-94	4	35.7	-98	4	25.9	-102	2	15.8
Mar 24	74.9	-6	8	74.5	-19	8	73.2	-31	8	71.0	-43	8	68.0	-54	7	64.3	-64	7	59.8	-74	6	54.7	-82	6	49.0	-89	5	42.8	-95	4	36.2	-100	3	26.3	-103	2	16.0
Mar 25	75.9	-6	7	75.5	-19	7	74.1	-31	7	71.9	-43	7	68.9	-55	6	65.1	-65	6	60.6	-75	5	55.4	-83	5	49.6	-90	4	43.3	-96	4	36.7	-101	3	26.6	-104	2	16.3
Mar 26	76.8	-6	5	76.3	-19	5	75.0	-32	5	72.8	-44	5	69.7	-55	5	65.8	-66	4	61.3	-75	4	56.0	-84	4	50.2	-91	3	43.8	-97	3	37.1	-102	2	26.9	-105	1	16.4
Mar 27	77.4	-6	2	76.9	-19	2	75.6	-32	2	73.3	-44	2	70.3	-56	2	66.4	-66	2	61.8	-76	2	56.5	-84	2	50.6	-92	2	44.2	-97	1	37.4	-103	1	27.1	-106	1	16.6
Mar 28	77.7	-6	-1	77.2	-19	-1	75.9	-32	-1	73.6	-44	-1	70.5	-56	-1	66.6	-66	-1	62.0	-76	-1	56.7	-84	0	50.8	-92	0	44.3	-98	0	37.5	-103	0	27.2	-106	0	16.6
Mar 29	77.6	-6	-4	77.1	-19	-4	75.8	-32	-4	73.5	-44	-4	70.5	-55	-3	66.6	-66	-3	61.9	-76	-3	56.6	-84	-3	50.7	-91	-2	44.3	-97	-2	37.5	-102	-2	27.2	-106	-1	16.6
Mar 30	77.1	-6	-7	76.7	-19	-7	75.3	-32	-6	73.1	-44	-6	70.0	-55	-6	66.2	-65	-6	61.6	-75	-5	56.3	-83	-5	50.4	-91	-4	44.0	-96	-4	37.2	-102	-3	27.0	-105	-2	16.5
Mar 31	76.3	-6	-9	75.9	-19	-9	74.5	-31	-8	72.3	-43	-8	69.3	-54	-8	65.5	-65	-7	60.9	-74	-7	55.7	-82	-6	49.9	-90	-5	43.6	-95	-5	36.9	-100	-4	26.8	-103	-2	16.3
Apr 1	75.3	-6	-10	74.8	-19	-10	73.5	-31	-9	71.4	-42	-9	68.4	-54	-9	64.6	-64	-8	60.1	-73	-7	54.9	-81	-7	49.2	-88	-6	43.0	-94	-5	36.4	-99	-4	26.4	-102	-3	16.1
Apr 2	74.1	-6	-10	73.7	-18	-10	72.4	-30	-10	70.2	-42	-9	67.3	-53	-9	63.6	-63	-8	59.1	-72	-8	54.1	-80	-7	48.4	-87	-6	42.3	-92	-5	35.8	-97	-4	26.0	-100	-3	15.9

2006 Moon Parallax and Semi-diameter

Upper Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Feb 16	39.4	-6	3	39.0	-17	3	37.8	-28	2	35.8	-39	2	33.0	-49	2	29.6	-59	2	25.5	-68	2	20.8	-75	2	15.5	-82	2	9.8	-87	1	3.8	-91	1	-5.4	-94	1	-14.8
Feb 17	39.6	-6	4	39.2	-17	4	37.9	-29	4	36.0	-39	4	33.2	-50	3	29.7	-59	3	25.6	-68	3	20.9	-76	3	15.6	-82	2	9.9	-87	2	3.8	-92	2	-5.4	-95	1	-14.8
Feb 18	39.8	-6	5	39.4	-17	5	38.2	-29	5	36.2	-40	5	33.4	-50	5	29.9	-60	4	25.8	-68	4	21.0	-76	4	15.7	-83	3	9.9	-88	3	3.8	-93	2	-5.4	-95	1	-14.9
Feb 19	40.2	-6	7	39.8	-18	6	38.5	-29	6	36.5	-40	6	33.7	-51	6	30.2	-60	5	26.0	-69	5	21.2	-77	5	15.8	-83	4	10.0	-89	3	3.8	-94	3	-5.5	-96	2	-15.0
Feb 20	40.6	-6	8	40.2	-18	8	39.0	-29	8	36.9	-41	7	34.1	-51	7	30.5	-61	7	26.3	-70	6	21.4	-78	5	16.0	-85	5	10.1	-90	4	3.9	-95	3	-5.5	-98	2	-15.2
Feb 21	41.2	-6	9	40.8	-18	9	39.5	-30	9	37.4	-41	8	34.5	-52	8	30.9	-62	8	26.6	-71	7	21.7	-79	6	16.2	-86	6	10.3	-91	5	3.9	-96	4	-5.6	-99	3	-15.4
Feb 22	41.8	-6	10	41.4	-18	10	40.1	-30	9	38.0	-42	9	35.1	-53	9	31.4	-63	8	27.0	-72	8	22.0	-80	7	16.5	-87	6	10.4	-93	5	4.0	-98	4	-5.7	-101	3	-15.7
Feb 23	42.5	-6	10	42.0	-19	10	40.7	-31	10	38.6	-43	9	35.6	-54	9	31.9	-64	8	27.5	-73	8	22.4	-81	7	16.7	-88	6	10.6	-94	5	4.1	-99	4	-5.8	-102	3	-15.9
Feb 24	43.2	-6	9	42.7	-19	9	41.4	-31	9	39.2	-43	9	36.2	-54	8	32.4	-65	8	27.9	-74	7	22.7	-83	6	17.0	-90	6	10.8	-96	5	4.1	-101	4	-5.9	-104	3	-16.2
Feb 25	43.8	-6	7	43.3	-19	7	42.0	-32	7	39.8	-44	7	36.7	-55	7	32.9	-66	6	28.3	-75	6	23.1	-84	5	17.3	-91	5	10.9	-97	4	4.2	-102	3	-5.9	-105	2	-16.4
Feb 26	44.3	-7	5	43.8	-19	5	42.5	-32	4	40.2	-44	4	37.2	-56	4	33.3	-66	4	28.7	-76	4	23.3	-85	3	17.5	-92	3	11.0	-98	2	4.2	-103	2	-6.0	-106	1	-16.6
Feb 27	44.6	-7	1	44.2	-20	1	42.8	-32	1	40.5	-44	1	37.4	-56	1	33.5	-67	1	28.9	-76	1	23.5	-85	1	17.6	-92	1	11.1	-98	1	4.3	-103	1	-6.1	-107	0	-16.7
Feb 28	44.7	-7	-2	44.2	-19	-2	42.9	-32	-2	40.6	-44	-2	37.5	-56	-2	33.6	-67	-2	28.9	-76	-2	23.6	-85	-2	17.6	-92	-1	11.1	-98	-1	4.3	-103	-1	-6.1	-106	-1	-16.7
Mar 1	44.5	-6	-6	44.1	-19	-6	42.7	-32	-5	40.5	-44	-5	37.4	-56	-5	33.5	-66	-5	28.8	-76	-4	23.5	-84	-4	17.5	-92	-3	11.1	-97	-3	4.3	-103	-2	-6.1	-106	-2	-16.7
Mar 2	44.1	-6	-8	43.7	-19	-8	42.3	-32	-8	40.1	-44	-8	37.0	-55	-7	33.2	-65	-7	28.6	-75	-6	23.3	-83	-6	17.4	-91	-5	11.0	-96	-4	4.2	-102	-3	-6.0	-105	-2	-16.5
Mar 3	43.6	-6	-10	43.1	-19	-10	41.8	-31	-9	39.6	-43	-9	36.6	-54	-9	32.7	-65	-8	28.2	-74	-7	23.0	-82	-7	17.2	-89	-6	10.9	-95	-5	4.2	-100	-4	-5.9	-103	-3	-16.3
Mar 4	42.9	-6	-10	42.5	-19	-10	41.2	-31	-10	39.0	-42	-10	36.0	-53	-9	32.2	-64	-8	27.8	-73	-8	22.6	-81	-7	16.9	-88	-6	10.7	-94	-5	4.1	-99	-4	-5.8	-102	-3	-16.1
Mar 5	42.2	-6	-10	41.8	-18	-10	40.5	-30	-10	38.4	-42	-9	35.4	-52	-9	31.7	-62	-8	27.3	-72	-8	22.3	-80	-7	16.6	-86	-6	10.5	-92	-5	4.0	-97	-4	-5.7	-100	-3	-15.8
Mar 6	41.5	-6	-9	41.1	-18	-9	39.8	-30	-9	37.7	-41	-8	34.8	-52	-8	31.2	-62	-7	26.9	-70	-7	21.9	-78	-6	16.4	-85	-6	10.4	-91	-5	4.0	-95	-4	-5.6	-98	-3	-15.6
Mar 7	40.9	-6	-8	40.5	-18	-8	39.2	-29	-7	37.2	-40	-7	34.3	-51	-7	30.7	-61	-6	26.5	-70	-6	21.6	-77	-5	16.1	-84	-5	10.2	-89	-4	3.9	-94	-3	-5.6	-97	-2	-15.3
Mar 8	40.4	-6	-6	40.0	-18	-6	38.7	-29	-6	36.7	-40	-6	33.9	-50	-5	30.3	-60	-5	26.1	-69	-5	21.3	-76	-4	15.9	-83	-4	10.1	-88	-3	3.9	-93	-3	-5.5	-96	-2	-15.1
Mar 9	40.0	-6	-5	39.6	-17	-5	38.3	-29	-4	36.3	-40	-4	33.5	-50	-4	30.0	-59	-4	25.9	-68	-4	21.1	-76	-3	15.7	-82	-3	10.0	-88	-2	3.8	-92	-2	-5.4	-95	-1	-15.0
Mar 10	39.6	-6	-3	39.2	-17	-3	38.0	-29	-3	36.0	-39	-3	33.3	-50	-3	29.8	-59	-3	25.6	-68	-2	20.9	-75	-2	15.6	-82	-2	9.9	-87	-2	3.8	-92	-1	-5.4	-94	-1	-14.8
Mar 11	39.4	-6	-2	39.0	-17	-2	37.8	-28	-2	35.8	-39	-2	33.1	-49	-2	29.6	-59	-1	25.5	-67	-1	20.8	-75	-1	15.5	-81	-1	9.8	-87	-1	3.8	-91	-1	-5.4	-94	-1	-14.8
Mar 12	39.3	-6	-1	38.9	-17	-1	37.7	-28	-1	35.7	-39	-1	33.0	-49	-1	29.5	-59	-1	25.4	-67	0	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Mar 13	39.3	-6	0	38.9	-17	0	37.7	-28	0	35.7	-39	0	32.9	-49	0	29.5	-59	0	25.4	-67	0	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Mar 14	39.3	-6	1	38.9	-17	1	37.7	-28	1	35.7	-39	1	33.0	-49	1	29.5	-59	1	25.4	-67	1	20.7	-75	1	15.5	-81	1	9.8	-86	1	3.8	-91	1	-5.3	-94	0	-14.7
Mar 15	39.4	-6	2	39.0	-17	2	37.8	-28	2	35.8	-39	2	33.0	-49	2	29.6	-59	2	25.5	-67	2	20.8	-75	2	15.5	-82	1	9.8	-87	1	3.8	-91	1	-5.4	-94	1	-14.8
Mar 16	39.5	-6	3	39.1	-17	3	37.9	-29	3	35.9	-39	3	33.2	-50	3	29.7	-59	3	25.6	-68	2	20.8	-75	2	15.6	-82	2	9.9	-87	2	3.8	-92	1	-5.4	-95	1	-14.8
Mar 17	39.7	-6	4	39.3	-17	4	38.1	-29	4	36.1	-40	4	33.4	-50	3	29.9	-60	3	25.7	-68	3	21.0	-76	3	15.7	-82	2	9.9	-88	2	3.8	-92	2	-5.4	-95	1	-14.9
Mar 18	40.0	-6	5	39.6	-18	5	38.4	-29	5	36.4	-40	4	33.6	-50	4	30.1	-60	4	25.9	-69	4	21.1	-76	3	15.8	-83	3	10.0	-88	3	3.8	-93	2	-5.4	-96	1	-15.0
Mar 19	40.3	-6	6	39.9	-18	6	38.7	-29	5	36.7	-40	5	33.8	-51	5	30.3	-61	5	26.1	-69	4	21.3	-77	4	15.9	-84	3	10.1	-89	3	3.9	-94	2	-5.5	-97	2	-15.1
Mar 20	40.7	-6	7	40.3	-18	7	39.1	-30	6	37.0	-41	6	34.2	-51	6	30.6	-61	5	26.3	-70	5	21.5	-78	5	16.1	-85	4	10.2	-90	3	3.9	-95	3	-5.5	-98	2	-15.3
Mar 21	41.2	-6	7	40.8	-18	7	39.5	-30	7	37.4	-41	7	34.6	-52	7	30.9	-62	6	26.6	-71	6	21.7	-79	5	16.2	-86	5	10.3	-91	4	3.9	-96	3	-5.6	-99	2	-15.4
Mar 22	41.7	-6	8	41.3	-18	8	40.0	-30	8	37.9	-42	8	35.0	-53	7	31.3	-63	7	27.0	-72	6	22.0	-80	6	16.4	-87	5	10.4	-92	4	4.0	-97	3	-5.7	-100	2	-15.6
Mar 23	42.3	-6	8	41.8	-19	8	40.5	-31	8	38.4	-42	8	35.5	-53	7	31.8	-64	7	27.3	-73	6	22.3	-81	6	16.7	-88	5	10.5	-94	4	4.0	-98	4	-5.7	-102	2	-15.8
Mar 24	42.8	-6	8	42.4	-19	8	41.1	-31	8	38.9	-43	8	35.9	-54	7	32.2	-64	7	27.7	-74	6	22.6	-82	6	16.9	-89	5	10.7	-95	4	4.1	-100	3	-5.8	-103	2	-16.0
Mar 25	43.4	-6	7	43.0	-19	7	41.6	-31	7	39.4	-43	7	36.4	-55	6	32.6	-65	6	28.1	-75	5	22.9	-83	5	17.1	-90	4	10.8	-96	4	4.1	-101	3	-5.9	-104	2	-16.3
Mar 26	43.9	-6	5	43.4	-19	5	42.1	-32	5	39.9	-44	5	36.8	-55	5	33.0	-66	4	28.4	-75	4	23.1	-84	4	17.3	-91	3	10.9	-97	3	4.2	-102	2	-6.0	-105	1	-16.4
Mar 27	44.2	-6	2	43.8	-19	2	42.4	-32	2	40.2	-44	2	37.1	-56	2	33.2	-66	2	28.6	-76	2	23.3	-84	2	17.4	-92	2	11.0	-97	1	4.2	-103	1	-6.0	-106	1	-16.6
Mar 28	44.4	-6	-1	43.9	-19	-1	42.6	-32	-1	40.3	-44	-1	37.3	-56	-1	33.4	-66	-1	28.7	-76	-1	23.4	-84	0	17.5	-92	0	11.1	-98	0	4.2	-103	0	-6.0	-106	0	-16.6
Mar 29	44.4	-6	-4	43.9	-19	-4	42.5	-32	-4	40.3	-44	-4	37.2	-55	-3	33.3	-66	-3	28.7	-76	-3	23.4	-84	-3	17.5	-91	-2	11.1	-97	-2	4.2	-102	-2	-6.0	-106	-1	-16.6
Mar 30	44.1	-6	-7	43.6	-19	-7	42.3	-32	-6	40.1	-44	-6	37.0	-55	-6	33.1	-65	-6	28.5	-75	-5	23.2	-83	-5	17.4	-91	-4	11.0	-96	-4	4.2	-102	-3	-6.0	-105	-2	-16.5
Mar 31	43.6	-6	-9	43.2	-19	-9	41.9	-31	-8	39.7	-43	-8	36.6	-54	-8	32.8	-65	-7	28.2	-74	-7	23.0	-82	-6	17.2	-90	-5	10.9	-95	-5	4.2	-100	-4	-5.9	-103	-2	-16.3
Apr 1	43.0	-6	-10	42.6	-19	-10	41.3	-31	-9	39.1	-42	-9	36.1	-54	-9	32.3	-64	-8	27.8	-73	-7	22.7	-81	-7	17.0	-88	-6	10.7	-94	-5	4.1	-99	-4	-5.8	-102	-3	-16.1
Apr 2	42.4	-6	-10	41.9	-18	-10	40.6	-30	-10	38.5	-42	-9	35.5	-53	-9	31.8	-63	-8	27.4	-72	-8	22.3	-80	-7	16.7	-87	-6	10.6	-92	-5	4.0	-97	-4	-5.8	-100	-3	-15.9

2006 Moon Parallax and Semi-diameter

Lower Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Apr 3	72.9	-6	-9	72.5	-18	-9	71.2	-30	-9	69.1	-41	-9	66.2	-52	-8	62.5	-62	-8	58.2	-71	-7	53.2	-79	-6	47.7	-85	-6	41.6	-91	-5	35.2	-96	-4	25.6	-99	-3	15.6
Apr 4	71.8	-6	-8	71.4	-18	-8	70.1	-29	-8	68.0	-41	-8	65.2	-51	-7	61.6	-61	-7	57.3	-70	-6	52.4	-78	-6	46.9	-84	-5	41.0	-90	-4	34.7	-94	-3	25.2	-97	-2	15.4
Apr 5	70.8	-6	-7	70.4	-18	-7	69.2	-29	-6	67.1	-40	-6	64.3	-50	-6	60.7	-60	-6	56.5	-69	-5	51.7	-77	-5	46.3	-83	-4	40.4	-88	-4	34.2	-93	-3	24.8	-96	-2	15.2
Apr 6	70.0	-6	-5	69.6	-17	-5	68.4	-29	-5	66.3	-40	-5	63.6	-50	-4	60.1	-59	-4	55.9	-68	-4	51.1	-76	-3	45.8	-82	-3	40.0	-88	-3	33.8	-92	-2	24.5	-95	-1	15.0
Apr 7	69.4	-6	-3	69.0	-17	-3	67.8	-29	-3	65.8	-39	-3	63.0	-50	-3	59.5	-59	-3	55.4	-68	-2	50.6	-75	-2	45.4	-82	-2	39.6	-87	-2	33.5	-92	-1	24.3	-94	-1	14.9
Apr 8	69.0	-6	-2	68.6	-17	-2	67.4	-28	-2	65.4	-39	-1	62.7	-49	-1	59.2	-59	-1	55.1	-67	-1	50.4	-75	-1	45.1	-81	-1	39.4	-87	-1	33.3	-91	-1	24.2	-94	0	14.8
Apr 9	68.8	-6	0	68.4	-17	0	67.2	-28	0	65.2	-39	0	62.5	-49	0	59.0	-59	0	54.9	-67	0	50.2	-75	0	45.0	-81	0	39.3	-87	0	33.2	-91	0	24.1	-94	0	14.7
Apr 10	68.8	-6	1	68.4	-17	1	67.2	-28	1	65.2	-39	1	62.5	-49	1	59.0	-59	1	54.9	-67	1	50.2	-75	1	45.0	-81	1	39.3	-87	1	33.2	-91	1	24.1	-94	0	14.7
Apr 11	69.0	-6	2	68.6	-17	2	67.4	-28	2	65.4	-39	2	62.6	-49	2	59.2	-59	2	55.0	-68	2	50.3	-75	2	45.1	-82	1	39.4	-87	1	33.3	-91	1	24.2	-94	1	14.8
Apr 12	69.2	-6	3	68.8	-17	3	67.6	-29	3	65.6	-39	3	62.9	-50	3	59.4	-59	3	55.3	-68	2	50.5	-76	2	45.3	-82	2	39.5	-87	2	33.4	-92	1	24.3	-95	1	14.8
Apr 13	69.6	-6	4	69.2	-17	4	68.0	-29	4	66.0	-40	4	63.2	-50	3	59.7	-60	3	55.6	-68	3	50.8	-76	3	45.5	-83	2	39.8	-88	2	33.6	-92	2	24.4	-95	1	14.9
Apr 14	70.1	-6	4	69.7	-18	4	68.5	-29	4	66.4	-40	4	63.7	-50	4	60.1	-60	4	56.0	-69	3	51.2	-77	3	45.8	-83	3	40.0	-88	2	33.9	-93	2	24.6	-96	1	15.0
Apr 15	70.6	-6	5	70.2	-18	5	69.0	-29	5	66.9	-40	5	64.1	-51	4	60.6	-61	4	56.4	-69	4	51.5	-77	3	46.2	-84	3	40.3	-89	3	34.1	-94	2	24.8	-97	1	15.1
Apr 16	71.2	-6	5	70.8	-18	5	69.6	-29	5	67.5	-41	5	64.7	-51	5	61.1	-61	4	56.8	-70	4	52.0	-78	4	46.5	-84	3	40.7	-90	3	34.4	-95	2	25.0	-98	1	15.3
Apr 17	71.9	-6	6	71.4	-18	5	70.2	-30	5	68.1	-41	5	65.2	-52	5	61.6	-62	5	57.3	-71	4	52.4	-79	4	47.0	-85	3	41.0	-91	3	34.7	-96	2	25.2	-99	2	15.4
Apr 18	72.5	-6	6	72.1	-18	6	70.8	-30	6	68.7	-41	5	65.8	-52	5	62.2	-62	5	57.9	-71	4	52.9	-79	4	47.4	-86	4	41.4	-92	3	35.0	-96	2	25.4	-99	2	15.5
Apr 19	73.2	-6	6	72.8	-18	6	71.5	-30	6	69.4	-42	6	66.5	-53	5	62.8	-63	5	58.4	-72	5	53.4	-80	4	47.9	-87	4	41.8	-92	3	35.4	-97	3	25.7	-100	2	15.7
Apr 20	73.9	-6	6	73.5	-19	6	72.2	-31	6	70.1	-42	6	67.1	-53	5	63.4	-63	5	59.0	-73	5	54.0	-81	4	48.3	-88	4	42.2	-93	3	35.7	-98	3	25.9	-101	2	15.8
Apr 21	74.7	-6	6	74.2	-19	6	72.9	-31	6	70.8	-43	5	67.8	-54	5	64.1	-64	5	59.6	-73	4	54.5	-82	4	48.8	-89	4	42.6	-94	3	36.1	-99	2	26.2	-102	2	16.0
Apr 22	75.4	-6	5	74.9	-19	5	73.6	-31	5	71.4	-43	5	68.4	-54	4	64.7	-65	4	60.2	-74	4	55.0	-82	4	49.3	-89	3	43.0	-95	3	36.4	-100	2	26.4	-103	1	16.1
Apr 23	76.0	-6	4	75.5	-19	4	74.2	-31	4	72.0	-43	4	69.0	-55	3	65.2	-65	3	60.6	-75	3	55.4	-83	3	49.7	-90	2	43.4	-96	2	36.7	-101	2	26.6	-104	1	16.3
Apr 24	76.4	-6	2	76.0	-19	2	74.7	-32	2	72.5	-44	2	69.4	-55	2	65.6	-65	2	61.0	-75	2	55.8	-83	1	50.0	-90	1	43.6	-96	1	36.9	-101	1	26.8	-104	1	16.4
Apr 25	76.7	-6	0	76.2	-19	0	74.9	-32	0	72.7	-44	0	69.6	-55	0	65.8	-65	0	61.2	-75	0	56.0	-83	0	50.1	-91	0	43.8	-96	0	37.0	-101	0	26.9	-105	0	16.4
Apr 26	76.7	-6	-3	76.2	-19	-3	74.9	-32	-3	72.7	-43	-2	69.6	-55	-2	65.8	-65	-2	61.2	-75	-2	55.9	-83	-2	50.1	-90	-2	43.8	-96	-1	37.0	-101	-1	26.9	-104	-1	16.4
Apr 27	76.4	-6	-5	75.9	-19	-5	74.6	-31	-5	72.4	-43	-5	69.3	-54	-4	65.5	-65	-4	60.9	-74	-4	55.7	-83	-3	49.9	-90	-3	43.6	-96	-3	36.9	-101	-2	26.8	-104	-1	16.4
Apr 28	75.8	-6	-7	75.3	-19	-7	74.0	-31	-7	71.8	-43	-6	68.8	-54	-6	65.0	-64	-6	60.5	-74	-5	55.3	-82	-5	49.5	-89	-4	43.2	-95	-4	36.6	-100	-3	26.6	-103	-2	16.2
Apr 29	74.9	-6	-8	74.5	-19	-8	73.2	-31	-8	71.0	-42	-8	68.0	-53	-7	64.3	-64	-7	59.8	-73	-6	54.7	-81	-6	49.0	-88	-5	42.8	-94	-4	36.2	-98	-3	26.3	-102	-2	16.0
Apr 30	73.9	-6	-9	73.5	-18	-9	72.2	-30	-8	70.1	-42	-8	67.1	-53	-8	63.4	-63	-7	59.0	-72	-7	53.9	-80	-6	48.3	-87	-5	42.2	-92	-5	35.7	-97	-4	25.9	-100	-2	15.8
May 1	72.9	-6	-9	72.5	-18	-9	71.2	-30	-8	69.1	-41	-8	66.2	-52	-8	62.5	-62	-7	58.2	-71	-7	53.2	-79	-6	47.6	-85	-5	41.6	-91	-5	35.2	-96	-4	25.5	-99	-2	15.6
May 2	71.8	-6	-8	71.4	-18	-8	70.2	-29	-8	68.1	-41	-7	65.2	-51	-7	61.6	-61	-6	57.3	-70	-6	52.4	-78	-5	47.0	-84	-5	41.0	-90	-4	34.7	-94	-3	25.2	-97	-2	15.4
May 3	70.9	-6	-7	70.5	-18	-6	69.2	-29	-6	67.2	-40	-6	64.4	-51	-6	60.8	-60	-5	56.6	-69	-5	51.7	-77	-5	46.3	-83	-4	40.5	-89	-3	34.2	-93	-3	24.9	-96	-2	15.2
May 4	70.1	-6	-5	69.7	-17	-5	68.5	-29	-5	66.5	-40	-5	63.7	-50	-4	60.1	-60	-4	56.0	-68	-4	51.2	-76	-3	45.8	-82	-3	40.0	-88	-3	33.9	-92	-2	24.6	-95	-1	15.0
May 5	69.5	-6	-3	69.1	-17	-3	67.9	-29	-3	65.9	-39	-3	63.1	-50	-3	59.6	-59	-3	55.5	-68	-2	50.7	-75	-2	45.4	-82	-2	39.7	-87	-2	33.6	-92	-1	24.4	-95	-1	14.9
May 6	69.1	-6	-1	68.7	-17	-1	67.5	-28	-1	65.5	-39	-1	62.8	-49	-1	59.3	-59	-1	55.2	-68	-1	50.4	-75	-1	45.2	-82	-1	39.5	-87	-1	33.4	-91	-1	24.2	-94	0	14.8
May 7	69.0	-6	0	68.6	-17	0	67.4	-28	0	65.4	-39	0	62.6	-49	0	59.2	-59	0	55.0	-67	0	50.3	-75	0	45.1	-81	0	39.4	-87	0	33.3	-91	0	24.2	-94	0	14.8
May 8	69.0	-6	2	68.6	-17	2	67.4	-28	2	65.4	-39	2	62.7	-50	2	59.2	-59	2	55.1	-68	1	50.4	-75	1	45.1	-82	1	39.4	-87	1	33.3	-91	1	24.2	-94	1	14.8
May 9	69.2	-6	3	68.8	-17	3	67.6	-29	3	65.6	-39	3	62.9	-50	3	59.4	-59	3	55.3	-68	3	50.5	-76	2	45.3	-82	2	39.5	-87	2	33.4	-92	1	24.3	-95	1	14.8
May 10	69.6	-6	4	69.2	-17	4	68.0	-29	4	66.0	-40	4	63.2	-50	4	59.7	-60	4	55.6	-68	3	50.8	-76	3	45.5	-83	3	39.8	-88	2	33.6	-93	2	24.4	-95	1	14.9
May 11	70.2	-6	5	69.8	-18	5	68.5	-29	5	66.5	-40	5	63.7	-50	5	60.2	-60	4	56.0	-69	4	51.2	-77	4	45.9	-83	3	40.1	-89	3	33.9	-93	2	24.6	-96	1	15.0
May 12	70.8	-6	6	70.4	-18	5	69.1	-29	5	67.1	-40	5	64.3	-51	5	60.7	-61	5	56.5	-70	4	51.7	-77	4	46.3	-84	3	40.4	-89	3	34.2	-94	2	24.8	-97	2	15.2
May 13	71.5	-6	6	71.0	-18	6	69.8	-30	5	67.7	-41	5	64.9	-51	5	61.3	-61	5	57.0	-70	4	52.1	-78	4	46.7	-85	3	40.8	-90	3	34.5	-95	2	25.1	-98	2	15.3
May 14	72.1	-6	5	71.7	-18	5	70.5	-30	5	68.4	-41	5	65.5	-52	5	61.9	-62	5	57.6	-71	4	52.6	-79	4	47.1	-86	3	41.2	-91	3	34.8	-96	2	25.3	-99	2	15.4
May 15	72.8	-6	5	72.4	-18	5	71.1	-30	5	69.0	-42	5	66.1	-52	5	62.5	-62	4	58.1	-71	4	53.1	-80	4	47.6	-86	3	41.6	-92	3	35.2	-97	2	25.5	-100	1	15.6
May 16	73.4	-6	5	73.0	-18	5	71.7	-30	5	69.6	-42	4	66.7	-53	4	63.0	-63	4	58.6	-72	4	53.6	-80	3	48.0	-87	3	41.9	-93	2	35.5	-98	2	25.7	-101	1	15.7
May 17	74.0	-6	4	73.5	-19	4	72.3	-31	4	70.1	-42	4	67.2	-53	4	63.5	-63	3	59.0	-73	3	54.0	-81	3	48.4	-88	3	42.2	-93	2	35.7	-98	2	25.9	-101	1	15.8
May 18	74.5	-6	4	74.0	-19	4	72.7	-31	3	70.6	-42	3	67.6	-53	3	63.9	-64	3	59.4	-73	3	54.3	-81	2	48.7	-88	2	42.5	-94	2	36.0	-99	1	26.1	-102	1	15.9

2006 Moon Parallax and Semi-diameter

Upper Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Apr 3	41.7	-6	-9	41.3	-18	-9	40.0	-30	-9	37.9	-41	-9	35.0	-52	-8	31.3	-62	-8	27.0	-71	-7	22.0	-79	-6	16.4	-85	-6	10.4	-91	-5	4.0	-96	-4	-5.7	-99	-3	-15.6
Apr 4	41.0	-6	-8	40.6	-18	-8	39.4	-29	-8	37.3	-41	-8	34.4	-51	-7	30.8	-61	-7	26.5	-70	-6	21.6	-78	-6	16.2	-84	-5	10.2	-90	-4	3.9	-94	-3	-5.6	-97	-2	-15.4
Apr 5	40.5	-6	-7	40.1	-18	-7	38.8	-29	-6	36.8	-40	-6	34.0	-50	-6	30.4	-60	-6	26.2	-69	-5	21.3	-77	-5	16.0	-83	-4	10.1	-88	-4	3.9	-93	-3	-5.5	-96	-2	-15.2
Apr 6	40.0	-6	-5	39.6	-17	-5	38.4	-29	-5	36.4	-40	-5	33.6	-50	-4	30.1	-59	-4	25.9	-68	-4	21.1	-76	-3	15.8	-82	-3	10.0	-88	-3	3.8	-92	-2	-5.4	-95	-1	-15.0
Apr 7	39.7	-6	-3	39.3	-17	-3	38.1	-29	-3	36.1	-39	-3	33.3	-50	-3	29.8	-59	-3	25.7	-68	-2	20.9	-75	-2	15.6	-82	-2	9.9	-87	-2	3.8	-92	-1	-5.4	-94	-1	-14.9
Apr 8	39.5	-6	-2	39.0	-17	-2	37.8	-28	-2	35.9	-39	-1	33.1	-49	-1	29.6	-59	-1	25.5	-67	-1	20.8	-75	-1	15.5	-81	-1	9.8	-87	-1	3.8	-91	-1	-5.4	-94	0	-14.8
Apr 9	39.3	-6	0	38.9	-17	0	37.7	-28	0	35.8	-39	0	33.0	-49	0	29.6	-59	0	25.5	-67	0	20.7	-75	0	15.5	-81	0	9.8	-87	0	3.8	-91	0	-5.3	-94	0	-14.7
Apr 10	39.3	-6	1	38.9	-17	1	37.7	-28	1	35.7	-39	1	33.0	-49	1	29.6	-59	1	25.5	-67	1	20.7	-75	1	15.5	-81	1	9.8	-87	1	3.8	-91	1	-5.3	-94	0	-14.7
Apr 11	39.4	-6	2	39.0	-17	2	37.8	-28	2	35.8	-39	2	33.1	-49	2	29.6	-59	2	25.5	-68	2	20.8	-75	2	15.5	-82	1	9.8	-87	1	3.8	-91	1	-5.4	-94	1	-14.8
Apr 12	39.6	-6	3	39.2	-17	3	38.0	-29	3	36.0	-39	3	33.2	-50	3	29.7	-59	3	25.6	-68	2	20.9	-76	2	15.6	-82	2	9.9	-87	2	3.8	-92	1	-5.4	-95	1	-14.8
Apr 13	39.8	-6	4	39.4	-17	4	38.2	-29	4	36.2	-40	4	33.4	-50	3	29.9	-60	3	25.8	-68	3	21.0	-76	3	15.7	-83	2	9.9	-88	2	3.8	-92	2	-5.4	-95	1	-14.9
Apr 14	40.1	-6	4	39.7	-18	4	38.4	-29	4	36.4	-40	4	33.6	-50	4	30.1	-60	4	25.9	-69	3	21.1	-77	3	15.8	-83	3	10.0	-88	2	3.8	-93	2	-5.4	-96	1	-15.0
Apr 15	40.4	-6	5	40.0	-18	5	38.7	-29	5	36.7	-40	5	33.9	-51	4	30.3	-61	4	26.1	-69	4	21.3	-77	3	15.9	-84	3	10.1	-89	3	3.9	-94	2	-5.5	-97	1	-15.1
Apr 16	40.7	-6	5	40.3	-18	5	39.1	-29	5	37.0	-41	5	34.2	-51	5	30.6	-61	4	26.3	-70	4	21.5	-78	4	16.0	-84	3	10.2	-90	3	3.9	-95	2	-5.5	-98	1	-15.3
Apr 17	41.1	-6	6	40.7	-18	5	39.4	-30	5	37.3	-41	5	34.5	-52	5	30.9	-62	5	26.6	-71	4	21.7	-79	4	16.2	-85	3	10.2	-91	3	3.9	-96	2	-5.6	-99	2	-15.4
Apr 18	41.5	-6	6	41.0	-18	6	39.8	-30	6	37.7	-41	5	34.8	-52	5	31.2	-62	5	26.8	-71	4	21.9	-79	4	16.3	-86	4	10.3	-92	3	4.0	-96	2	-5.6	-99	2	-15.5
Apr 19	41.9	-6	6	41.4	-18	6	40.2	-30	6	38.0	-42	6	35.1	-53	5	31.5	-63	5	27.1	-72	5	22.1	-80	4	16.5	-87	4	10.4	-92	3	4.0	-97	3	-5.7	-100	2	-15.7
Apr 20	42.3	-6	6	41.8	-19	6	40.5	-31	6	38.4	-42	6	35.5	-53	5	31.8	-63	5	27.3	-73	5	22.3	-81	4	16.7	-88	4	10.5	-93	3	4.0	-98	3	-5.7	-101	2	-15.8
Apr 21	42.7	-6	6	42.3	-19	6	40.9	-31	6	38.8	-43	5	35.8	-54	5	32.1	-64	5	27.6	-73	4	22.5	-82	4	16.8	-89	4	10.6	-94	3	4.1	-99	2	-5.8	-102	2	-16.0
Apr 22	43.1	-6	5	42.6	-19	5	41.3	-31	5	39.2	-43	5	36.2	-54	4	32.4	-65	4	27.9	-74	4	22.7	-82	4	17.0	-89	3	10.7	-95	3	4.1	-100	2	-5.9	-103	1	-16.1
Apr 23	43.4	-6	4	43.0	-19	4	41.7	-31	4	39.5	-43	4	36.4	-55	3	32.6	-65	3	28.1	-75	3	22.9	-83	3	17.1	-90	2	10.8	-96	2	4.2	-101	2	-5.9	-104	1	-16.3
Apr 24	43.7	-6	2	43.3	-19	2	41.9	-32	2	39.7	-44	2	36.7	-55	2	32.8	-65	2	28.3	-75	2	23.0	-83	1	17.2	-90	1	10.9	-96	1	4.2	-101	1	-5.9	-104	1	-16.4
Apr 25	43.8	-6	0	43.4	-19	0	42.1	-32	0	39.8	-44	0	36.8	-55	0	32.9	-65	0	28.4	-75	0	23.1	-83	0	17.3	-91	0	10.9	-96	0	4.2	-101	0	-6.0	-105	0	-16.4
Apr 26	43.8	-6	-3	43.4	-19	-3	42.0	-32	-3	39.8	-43	-2	36.8	-55	-2	32.9	-65	-2	28.4	-75	-2	23.1	-83	-2	17.3	-90	-2	10.9	-96	-1	4.2	-101	-1	-6.0	-104	-1	-16.4
Apr 27	43.7	-6	-5	43.2	-19	-5	41.9	-31	-5	39.7	-43	-5	36.6	-54	-4	32.8	-65	-4	28.2	-74	-4	23.0	-83	-3	17.2	-90	-3	10.9	-96	-3	4.2	-101	-2	-5.9	-104	-1	-16.4
Apr 28	43.3	-6	-7	42.9	-19	-7	41.5	-31	-7	39.4	-43	-6	36.3	-54	-6	32.5	-64	-6	28.0	-74	-5	22.8	-82	-5	17.1	-89	-4	10.8	-95	-4	4.1	-100	-3	-5.9	-103	-2	-16.2
Apr 29	42.8	-6	-8	42.4	-19	-8	41.1	-31	-8	38.9	-42	-8	35.9	-53	-7	32.2	-64	-7	27.7	-73	-6	22.6	-81	-6	16.9	-88	-5	10.7	-94	-4	4.1	-98	-3	-5.8	-102	-2	-16.0
Apr 30	42.3	-6	-9	41.8	-18	-9	40.5	-30	-8	38.4	-42	-8	35.5	-53	-8	31.8	-63	-7	27.3	-72	-7	22.3	-80	-6	16.7	-87	-5	10.5	-92	-5	4.0	-97	-4	-5.7	-100	-2	-15.8
May 1	41.7	-6	-9	41.2	-18	-9	40.0	-30	-8	37.9	-41	-8	35.0	-52	-8	31.3	-62	-7	27.0	-71	-7	22.0	-79	-6	16.4	-85	-5	10.4	-91	-5	4.0	-96	-4	-5.7	-99	-2	-15.6
May 2	41.1	-6	-8	40.6	-18	-8	39.4	-29	-8	37.3	-41	-7	34.5	-51	-7	30.9	-61	-6	26.6	-70	-6	21.7	-78	-5	16.2	-84	-5	10.2	-90	-4	3.9	-94	-3	-5.6	-97	-2	-15.4
May 3	40.5	-6	-7	40.1	-18	-6	38.9	-29	-6	36.8	-40	-6	34.0	-51	-6	30.5	-60	-5	26.2	-69	-5	21.4	-77	-5	16.0	-83	-4	10.1	-89	-3	3.9	-93	-3	-5.5	-96	-2	-15.2
May 4	40.1	-6	-5	39.7	-17	-5	38.4	-29	-5	36.4	-40	-5	33.6	-50	-4	30.1	-60	-4	25.9	-68	-4	21.1	-76	-3	15.8	-82	-3	10.0	-88	-3	3.8	-92	-2	-5.4	-95	-1	-15.0
May 5	39.7	-6	-3	39.3	-17	-3	38.1	-29	-3	36.1	-39	-3	33.3	-50	-3	29.9	-59	-3	25.7	-68	-2	21.0	-75	-2	15.7	-82	-2	9.9	-87	-2	3.8	-92	-1	-5.4	-95	-1	-14.9
May 6	39.5	-6	-1	39.1	-17	-1	37.9	-28	-1	35.9	-39	-1	33.2	-49	-1	29.7	-59	-1	25.6	-68	-1	20.8	-75	-1	15.6	-82	-1	9.9	-87	-1	3.8	-91	-1	-5.4	-94	0	-14.8
May 7	39.4	-6	0	39.0	-17	0	37.8	-28	0	35.8	-39	0	33.1	-49	0	29.6	-59	0	25.5	-67	0	20.8	-75	0	15.5	-81	0	9.8	-87	0	3.8	-91	0	-5.4	-94	0	-14.8
May 8	39.5	-6	2	39.1	-17	2	37.8	-28	2	35.9	-39	2	33.1	-50	2	29.6	-59	2	25.5	-68	1	20.8	-75	1	15.5	-82	1	9.8	-87	1	3.8	-91	1	-5.4	-94	1	-14.8
May 9	39.6	-6	3	39.2	-17	3	38.0	-29	3	36.0	-39	3	33.2	-50	3	29.7	-59	3	25.6	-68	3	20.9	-76	2	15.6	-82	2	9.9	-87	2	3.8	-92	1	-5.4	-95	1	-14.8
May 10	39.8	-6	4	39.4	-17	4	38.2	-29	4	36.2	-40	4	33.4	-50	4	29.9	-60	4	25.8	-68	3	21.0	-76	3	15.7	-83	3	9.9	-88	2	3.8	-93	2	-5.4	-95	1	-14.9
May 11	40.1	-6	5	39.7	-18	5	38.5	-29	5	36.5	-40	5	33.7	-50	5	30.1	-60	4	26.0	-69	4	21.2	-77	4	15.8	-83	3	10.0	-89	3	3.8	-93	2	-5.5	-96	1	-15.0
May 12	40.5	-6	6	40.1	-18	5	38.8	-29	5	36.8	-40	5	34.0	-51	5	30.4	-61	5	26.2	-70	4	21.3	-77	4	15.9	-84	3	10.1	-89	3	3.9	-94	2	-5.5	-97	2	-15.2
May 13	40.9	-6	6	40.4	-18	6	39.2	-30	5	37.1	-41	5	34.3	-51	5	30.7	-61	5	26.4	-70	4	21.5	-78	4	16.1	-85	3	10.2	-90	3	3.9	-95	2	-5.6	-98	2	-15.3
May 14	41.2	-6	5	40.8	-18	5	39.6	-30	5	37.5	-41	5	34.6	-52	5	31.0	-62	5	26.7	-71	4	21.7	-79	4	16.3	-86	3	10.3	-91	3	3.9	-96	2	-5.6	-99	2	-15.4
May 15	41.6	-6	5	41.2	-18	5	39.9	-30	5	37.8	-42	5	34.9	-52	5	31.3	-62	4	26.9	-71	4	21.9	-80	4	16.4	-86	3	10.4	-92	3	4.0	-97	2	-5.7	-100	1	-15.6
May 16	42.0	-6	5	41.5	-18	5	40.3	-30	5	38.1	-42	4	35.2	-53	4	31.5	-63	4	27.2	-72	4	22.1	-80	3	16.5	-87	3	10.5	-93	2	4.0	-98	2	-5.7	-101	1	-15.7
May 17	42.3	-6	4	41.9	-19	4	40.6	-31	4	38.4	-42	4	35.5	-53	4	31.8	-63	3	27.4	-73	3	22.3	-81	3	16.7	-88	3	10.6	-93	2	4.0	-98	2	-5.7	-101	1	-15.8
May 18	42.6	-6	4	42.1	-19	4	40.8	-31	3	38.7	-42	3	35.7	-53	3	32.0	-64	3	27.5	-73	3	22.4	-81	2	16.8	-88	2	10.6	-94	2	4.1	-99	1	-5.8	-102	1	-15.9

2006 Moon Parallax and Semi-diameter

Lower Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
May 19	74.9	-6	3	74.5	-19	3	73.2	-31	3	71.0	-43	3	68.0	-54	3	64.3	-64	2	59.8	-73	2	54.7	-82	2	49.0	-89	2	42.8	-94	2	36.2	-99	1	26.3	-102	1	16.0
May 20	75.3	-6	2	74.8	-19	2	73.5	-31	2	71.3	-43	2	68.3	-54	2	64.6	-64	2	60.1	-74	2	54.9	-82	2	49.2	-89	1	43.0	-95	1	36.3	-100	1	26.4	-103	1	16.1
May 21	75.5	-6	1	75.1	-19	1	73.8	-31	1	71.6	-43	1	68.6	-54	1	64.8	-65	1	60.3	-74	1	55.1	-82	1	49.4	-89	1	43.1	-95	1	36.5	-100	1	26.5	-103	0	16.2
May 22	75.7	-6	0	75.2	-19	0	73.9	-31	0	71.7	-43	0	68.7	-54	0	64.9	-65	0	60.4	-74	0	55.2	-82	0	49.5	-89	0	43.2	-95	0	36.5	-100	0	26.5	-103	0	16.2
May 23	75.7	-6	-1	75.3	-19	-1	73.9	-31	-1	71.7	-43	-1	68.7	-54	-1	64.9	-65	-1	60.4	-74	-1	55.2	-82	-1	49.5	-89	-1	43.2	-95	-1	36.6	-100	0	26.5	-103	0	16.2
May 24	75.6	-6	-3	75.1	-19	-3	73.8	-31	-3	71.6	-43	-2	68.6	-54	-2	64.8	-64	-2	60.3	-74	-2	55.1	-82	-2	49.4	-89	-2	43.1	-95	-1	36.5	-100	-1	26.5	-103	-1	16.2
May 25	75.2	-6	-4	74.8	-19	-4	73.5	-31	-4	71.3	-43	-4	68.3	-54	-4	64.5	-64	-3	60.0	-73	-3	54.9	-82	-3	49.2	-89	-3	42.9	-94	-2	36.3	-99	-2	26.4	-102	-1	16.1
May 26	74.7	-6	-6	74.3	-19	-5	73.0	-31	-5	70.8	-42	-5	67.9	-53	-5	64.1	-63	-5	59.6	-73	-4	54.5	-81	-4	48.8	-88	-3	42.7	-94	-3	36.1	-98	-2	26.2	-102	-2	16.0
May 27	74.1	-6	-7	73.6	-18	-7	72.3	-30	-6	70.2	-42	-6	67.2	-53	-6	63.5	-63	-5	59.1	-72	-5	54.0	-80	-5	48.4	-87	-4	42.3	-93	-3	35.8	-97	-3	26.0	-101	-2	15.9
May 28	73.3	-6	-7	72.8	-18	-7	71.6	-30	-7	69.4	-41	-7	66.5	-52	-6	62.9	-62	-6	58.5	-71	-5	53.5	-79	-5	47.9	-86	-4	41.8	-92	-4	35.4	-96	-3	25.7	-99	-2	15.7
May 29	72.4	-6	-7	72.0	-18	-7	70.7	-30	-7	68.6	-41	-7	65.7	-52	-6	62.1	-61	-6	57.8	-70	-6	52.8	-78	-5	47.3	-85	-4	41.3	-90	-4	35.0	-95	-3	25.4	-98	-2	15.5
May 30	71.5	-6	-7	71.1	-18	-7	69.9	-29	-6	67.8	-40	-6	65.0	-51	-6	61.4	-61	-6	57.1	-70	-5	52.2	-77	-5	46.8	-84	-4	40.8	-89	-4	34.5	-94	-3	25.1	-97	-2	15.3
May 31	70.7	-6	-6	70.3	-18	-6	69.1	-29	-6	67.0	-40	-5	64.2	-50	-5	60.7	-60	-5	56.5	-69	-4	51.6	-77	-4	46.2	-83	-4	40.4	-88	-3	34.2	-93	-2	24.8	-96	-2	15.1
Jun 1	70.0	-6	-4	69.6	-17	-4	68.4	-29	-4	66.4	-40	-4	63.6	-50	-4	60.1	-60	-4	55.9	-68	-3	51.1	-76	-3	45.8	-82	-3	40.0	-88	-2	33.8	-92	-2	24.6	-95	-1	15.0
Jun 2	69.5	-6	-3	69.1	-17	-3	67.9	-29	-3	65.9	-39	-3	63.1	-50	-2	59.6	-59	-2	55.5	-68	-2	50.7	-75	-2	45.4	-82	-2	39.7	-87	-1	33.6	-92	-1	24.4	-95	-1	14.9
Jun 3	69.2	-6	-1	68.8	-17	-1	67.6	-28	-1	65.6	-39	-1	62.8	-49	-1	59.3	-59	-1	55.2	-68	-1	50.5	-75	-1	45.2	-82	-1	39.5	-87	-1	33.4	-91	0	24.3	-94	0	14.8
Jun 4	69.0	-6	1	68.6	-17	1	67.4	-28	1	65.4	-39	1	62.7	-49	1	59.2	-59	1	55.1	-68	1	50.4	-75	1	45.1	-82	0	39.4	-87	0	33.3	-91	0	24.2	-94	0	14.8
Jun 5	69.1	-6	3	68.7	-17	3	67.5	-29	2	65.5	-39	2	62.8	-50	2	59.3	-59	2	55.2	-68	2	50.5	-75	2	45.2	-82	2	39.5	-87	1	33.4	-92	1	24.2	-95	1	14.8
Jun 6	69.4	-6	4	69.0	-17	4	67.8	-29	4	65.8	-40	4	63.1	-50	4	59.6	-59	3	55.4	-68	3	50.7	-76	3	45.4	-82	3	39.6	-88	2	33.5	-92	2	24.3	-95	1	14.9
Jun 7	69.9	-6	6	69.5	-18	5	68.3	-29	5	66.3	-40	5	63.5	-50	5	60.0	-60	5	55.8	-69	4	51.0	-76	4	45.7	-83	3	39.9	-88	3	33.8	-93	2	24.5	-96	2	15.0
Jun 8	70.6	-6	6	70.2	-18	6	69.0	-29	6	66.9	-40	6	64.1	-51	6	60.6	-61	5	56.4	-69	5	51.5	-77	4	46.1	-84	4	40.3	-89	3	34.1	-94	3	24.8	-97	2	15.1
Jun 9	71.4	-6	7	71.0	-18	7	69.7	-30	7	67.7	-41	7	64.8	-51	6	61.2	-61	6	57.0	-70	5	52.1	-78	5	46.7	-85	4	40.8	-90	4	34.5	-95	3	25.0	-98	2	15.3
Jun 10	72.2	-6	7	71.8	-18	7	70.5	-30	7	68.5	-41	7	65.6	-52	6	62.0	-62	6	57.7	-71	5	52.7	-79	5	47.2	-86	4	41.2	-91	4	34.9	-96	3	25.3	-99	2	15.5
Jun 11	73.1	-6	7	72.6	-18	6	71.4	-30	6	69.3	-42	6	66.4	-53	6	62.7	-63	5	58.3	-72	5	53.3	-80	5	47.8	-87	4	41.7	-92	3	35.3	-97	3	25.6	-100	2	15.6
Jun 12	73.9	-6	6	73.4	-19	6	72.1	-31	5	70.0	-42	5	67.1	-53	5	63.4	-63	5	59.0	-73	4	53.9	-81	4	48.3	-88	3	42.2	-93	3	35.7	-98	2	25.9	-101	2	15.8
Jun 13	74.5	-6	4	74.1	-19	4	72.8	-31	4	70.6	-43	4	67.7	-54	4	63.9	-64	4	59.5	-73	3	54.4	-81	3	48.7	-88	3	42.6	-94	2	36.0	-99	2	26.1	-102	1	16.0
Jun 14	75.1	-6	3	74.6	-19	3	73.3	-31	3	71.1	-43	3	68.2	-54	3	64.4	-64	2	59.9	-74	2	54.8	-82	2	49.1	-89	2	42.9	-95	2	36.2	-100	1	26.3	-103	1	16.1
Jun 15	75.4	-6	2	75.0	-19	2	73.7	-31	1	71.5	-43	1	68.5	-54	1	64.7	-64	1	60.2	-74	1	55.0	-82	1	49.3	-89	1	43.1	-95	1	36.4	-100	1	26.4	-103	0	16.1
Jun 16	75.6	-6	0	75.2	-19	0	73.8	-31	0	71.7	-43	0	68.6	-54	0	64.9	-65	0	60.3	-74	0	55.2	-82	0	49.4	-89	0	43.2	-95	0	36.5	-100	0	26.5	-103	0	16.2
Jun 17	75.6	-6	-1	75.2	-19	-1	73.9	-31	-1	71.7	-43	-1	68.7	-54	-1	64.9	-65	-1	60.4	-74	-1	55.2	-82	-1	49.4	-89	-1	43.2	-95	0	36.5	-100	0	26.5	-103	0	16.2
Jun 18	75.5	-6	-2	75.1	-19	-2	73.8	-31	-2	71.6	-43	-2	68.6	-54	-2	64.8	-64	-1	60.3	-74	-1	55.1	-82	-1	49.4	-89	-1	43.1	-95	-1	36.5	-100	-1	26.5	-103	-1	16.2
Jun 19	75.3	-6	-3	74.9	-19	-3	73.6	-31	-2	71.4	-43	-2	68.4	-54	-2	64.6	-64	-2	60.1	-73	-2	55.0	-82	-2	49.2	-89	-2	43.0	-94	-1	36.4	-99	-1	26.4	-103	-1	16.1
Jun 20	75.0	-6	-3	74.6	-19	-3	73.3	-31	-3	71.1	-43	-3	68.1	-54	-3	64.4	-64	-3	59.9	-73	-2	54.7	-81	-2	49.0	-88	-2	42.8	-94	-2	36.2	-99	-1	26.3	-102	-1	16.1
Jun 21	74.6	-6	-4	74.2	-19	-4	72.9	-31	-4	70.7	-42	-4	67.8	-53	-3	64.0	-63	-3	59.6	-73	-3	54.5	-81	-3	48.8	-88	-2	42.6	-94	-2	36.0	-98	-2	26.2	-102	-1	16.0
Jun 22	74.1	-6	-5	73.7	-18	-4	72.4	-30	-4	70.3	-42	-4	67.3	-53	-4	63.6	-63	-4	59.2	-72	-3	54.1	-80	-3	48.5	-87	-3	42.3	-93	-2	35.8	-98	-2	26.0	-101	-1	15.9
Jun 23	73.6	-6	-5	73.2	-18	-5	71.9	-30	-5	69.8	-42	-5	66.8	-52	-5	63.1	-63	-4	58.7	-72	-4	53.7	-80	-4	48.1	-87	-3	42.0	-92	-3	35.5	-97	-2	25.8	-100	-1	15.8
Jun 24	73.0	-6	-6	72.6	-18	-5	71.3	-30	-5	69.2	-41	-5	66.3	-52	-5	62.6	-62	-5	58.3	-71	-4	53.3	-79	-4	47.7	-86	-3	41.7	-91	-3	35.2	-96	-2	25.6	-99	-2	15.6
Jun 25	72.3	-6	-6	71.9	-18	-6	70.6	-30	-6	68.5	-41	-5	65.7	-52	-5	62.0	-61	-5	57.7	-70	-4	52.8	-78	-4	47.3	-85	-4	41.3	-90	-3	34.9	-95	-2	25.4	-98	-2	15.5
Jun 26	71.6	-6	-6	71.2	-18	-6	70.0	-29	-6	67.9	-41	-5	65.0	-51	-5	61.4	-61	-5	57.2	-70	-4	52.3	-78	-4	46.8	-84	-4	40.9	-90	-3	34.6	-94	-2	25.1	-97	-2	15.3
Jun 27	70.9	-6	-5	70.5	-18	-5	69.3	-29	-5	67.2	-40	-5	64.4	-51	-5	60.9	-60	-4	56.6	-69	-4	51.8	-77	-4	46.4	-83	-3	40.5	-89	-3	34.3	-93	-2	24.9	-96	-2	15.2
Jun 28	70.3	-6	-5	69.9	-17	-5	68.7	-29	-4	66.6	-40	-4	63.8	-50	-4	60.3	-60	-4	56.1	-68	-4	51.3	-76	-3	45.9	-83	-3	40.1	-88	-2	33.9	-93	-2	24.6	-96	-1	15.1
Jun 29	69.7	-6	-4	69.3	-17	-3	68.1	-29	-3	66.1	-40	-3	63.3	-50	-3	59.8	-59	-3	55.7	-68	-3	50.9	-76	-2	45.6	-82	-2	39.8	-87	-2	33.7	-92	-1	24.5	-95	-1	14.9
Jun 30	69.3	-6	-2	68.9	-17	-2	67.7	-29	-2	65.7	-39	-2	62.9	-50	-2	59.5	-59	-2	55.3	-68	-2	50.6	-75	-2	45.3	-82	-1	39.6	-87	-1	33.5	-92	-1	24.3	-94	-1	14.8
Jul 1	69.1	-6	-1	68.7	-17	-1	67.4	-28	-1	65.5	-39	-1	62.7	-49	-1	59.2	-59	0	55.1	-67	0	50.4	-75	0	45.1	-82	0	39.4	-87	0	33.3	-91	0	24.2	-94	0	14.8
Jul 2	69.0	-6	1	68.6	-17	1	67.4	-28	1	65.4	-39	1	62.6	-49	1	59.2	-59	1	55.1	-68	1	50.3	-75	1	45.1	-82	1	39.4	-87	1	33.3	-91	0	24.2	-94	0	14.8
Jul 3	69.1	-6	3	68.7	-17	3	67.5	-29	3	65.5	-39	3	62.8	-50	3	59.3	-59	2	55.2	-68	2	50.4	-75	2	45.2	-82	2	39.5	-87	2	33.4	-92	1	24.2	-95	1	14.8

2006 Moon Parallax and Semi-diameter

Upper Limb

Altitude degrees

	0	7	14	21	28	35	42	49	56	63	70	80	90
	' at	' at	' at	' at	' at	' at	' at	' at	' at	' at	' at	' at	'
May 19	42.8 -6 3	42.4 -19 3	41.1 -31 3	38.9 -43 3	35.9 -54 3	32.2 -64 2	27.7 -73 2	22.6 -82 2	16.9 -89 2	10.7 -94 2	4.1 -99 1	-5.8 -102 1	-16.0
May 20	43.0 -6 2	42.6 -19 2	41.3 -31 2	39.1 -43 2	36.1 -54 2	32.3 -64 2	27.8 -74 2	22.7 -82 2	17.0 -89 1	10.7 -95 1	4.1 -100 1	-5.8 -103 1	-16.1
May 21	43.2 -6 1	42.7 -19 1	41.4 -31 1	39.2 -43 1	36.2 -54 1	32.4 -65 1	27.9 -74 1	22.8 -82 1	17.0 -89 1	10.8 -95 1	4.1 -100 1	-5.9 -103 0	-16.2
May 22	43.3 -6 0	42.8 -19 0	41.5 -31 0	39.3 -43 0	36.3 -54 0	32.5 -65 0	28.0 -74 0	22.8 -82 0	17.0 -89 0	10.8 -95 0	4.1 -100 0	-5.9 -103 0	-16.2
May 23	43.3 -6 -1	42.8 -19 -1	41.5 -31 -1	39.3 -43 -1	36.3 -54 -1	32.5 -65 -1	28.0 -74 -1	22.8 -82 -1	17.1 -89 -1	10.8 -95 -1	4.1 -100 0	-5.9 -103 0	-16.2
May 24	43.2 -6 -3	42.7 -19 -3	41.4 -31 -3	39.2 -43 -2	36.2 -54 -2	32.5 -64 -2	27.9 -74 -2	22.8 -82 -2	17.0 -89 -2	10.8 -95 -1	4.1 -100 -1	-5.9 -103 -1	-16.2
May 25	43.0 -6 -4	42.6 -19 -4	41.3 -31 -4	39.1 -43 -4	36.1 -54 -4	32.3 -64 -3	27.8 -73 -3	22.7 -82 -3	16.9 -89 -3	10.7 -94 -2	4.1 -99 -2	-5.8 -102 -1	-16.1
May 26	42.7 -6 -6	42.3 -19 -5	41.0 -31 -5	38.8 -42 -5	35.8 -53 -5	32.1 -63 -5	27.6 -73 -4	22.5 -81 -4	16.8 -88 -3	10.7 -94 -3	4.1 -98 -2	-5.8 -102 -2	-16.0
May 27	42.3 -6 -7	41.9 -18 -7	40.6 -30 -6	38.5 -42 -6	35.5 -53 -6	31.8 -63 -5	27.4 -72 -5	22.3 -80 -5	16.7 -87 -4	10.6 -93 -3	4.0 -97 -3	-5.8 -101 -2	-15.9
May 28	41.9 -6 -7	41.5 -18 -7	40.2 -30 -7	38.1 -41 -7	35.1 -52 -6	31.5 -62 -6	27.1 -71 -5	22.1 -79 -5	16.5 -86 -4	10.4 -92 -4	4.0 -96 -3	-5.7 -99 -2	-15.7
May 29	41.4 -6 -7	41.0 -18 -7	39.7 -30 -7	37.6 -41 -7	34.7 -52 -6	31.1 -61 -6	26.8 -70 -6	21.8 -78 -5	16.3 -85 -4	10.3 -90 -4	4.0 -95 -3	-5.6 -98 -2	-15.5
May 30	40.9 -6 -7	40.5 -18 -7	39.2 -29 -6	37.2 -40 -6	34.3 -51 -6	30.7 -61 -6	26.5 -70 -5	21.6 -77 -5	16.1 -84 -4	10.2 -89 -4	3.9 -94 -3	-5.6 -97 -2	-15.3
May 31	40.4 -6 -6	40.0 -18 -6	38.8 -29 -6	36.7 -40 -5	33.9 -50 -5	30.4 -60 -5	26.2 -69 -4	21.3 -77 -4	15.9 -83 -4	10.1 -88 -3	3.9 -93 -2	-5.5 -96 -2	-15.1
Jun 1	40.0 -6 -4	39.6 -17 -4	38.4 -29 -4	36.4 -40 -4	33.6 -50 -4	30.1 -60 -4	25.9 -68 -3	21.1 -76 -3	15.8 -82 -3	10.0 -88 -2	3.8 -92 -2	-5.4 -95 -1	-15.0
Jun 2	39.7 -6 -3	39.3 -17 -3	38.1 -29 -3	36.1 -39 -3	33.3 -50 -2	29.9 -59 -2	25.7 -68 -2	21.0 -75 -2	15.7 -82 -2	9.9 -87 -1	3.8 -92 -1	-5.4 -95 -1	-14.9
Jun 3	39.5 -6 -1	39.1 -17 -1	37.9 -28 -1	35.9 -39 -1	33.2 -49 -1	29.7 -59 -1	25.6 -68 -1	20.8 -75 -1	15.6 -82 -1	9.9 -87 -1	3.8 -91 0	-5.4 -94 0	-14.8
Jun 4	39.5 -6 1	39.1 -17 1	37.9 -28 1	35.9 -39 1	33.1 -49 1	29.7 -59 1	25.5 -68 1	20.8 -75 1	15.6 -82 0	9.8 -87 0	3.8 -91 0	-5.4 -94 0	-14.8
Jun 5	39.5 -6 3	39.1 -17 3	37.9 -29 2	35.9 -39 2	33.2 -50 2	29.7 -59 2	25.6 -68 2	20.8 -75 2	15.6 -82 2	9.9 -87 1	3.8 -92 1	-5.4 -95 1	-14.8
Jun 6	39.7 -6 4	39.3 -17 4	38.1 -29 4	36.1 -40 4	33.3 -50 4	29.8 -59 3	25.7 -68 3	20.9 -76 3	15.6 -82 3	9.9 -88 2	3.8 -92 2	-5.4 -95 1	-14.9
Jun 7	40.0 -6 6	39.6 -18 5	38.4 -29 5	36.3 -40 5	33.6 -50 5	30.0 -60 5	25.9 -69 4	21.1 -76 4	15.8 -83 3	10.0 -88 3	3.8 -93 2	-5.4 -96 2	-15.0
Jun 8	40.4 -6 6	40.0 -18 6	38.7 -29 6	36.7 -40 6	33.9 -51 6	30.3 -61 5	26.1 -69 5	21.3 -77 4	15.9 -84 4	10.1 -89 3	3.9 -94 3	-5.5 -97 2	-15.1
Jun 9	40.8 -6 7	40.4 -18 7	39.1 -30 7	37.1 -41 7	34.2 -51 6	30.7 -61 6	26.4 -70 5	21.5 -78 5	16.1 -85 4	10.2 -90 4	3.9 -95 3	-5.5 -98 2	-15.3
Jun 10	41.3 -6 7	40.9 -18 7	39.6 -30 7	37.5 -41 7	34.6 -52 6	31.0 -62 6	26.7 -71 5	21.8 -79 5	16.3 -86 4	10.3 -91 4	3.9 -96 3	-5.6 -99 2	-15.5
Jun 11	41.8 -6 7	41.3 -18 6	40.1 -30 6	38.0 -42 6	35.1 -53 6	31.4 -63 5	27.0 -72 5	22.0 -80 5	16.5 -87 4	10.4 -92 3	4.0 -97 3	-5.7 -100 2	-15.6
Jun 12	42.2 -6 6	41.8 -19 6	40.5 -31 5	38.4 -42 5	35.4 -53 5	31.7 -63 5	27.3 -73 4	22.3 -81 4	16.6 -88 3	10.5 -93 3	4.0 -98 2	-5.7 -101 2	-15.8
Jun 13	42.6 -6 4	42.2 -19 4	40.9 -31 4	38.7 -43 4	35.8 -54 4	32.0 -64 4	27.6 -73 3	22.5 -81 3	16.8 -88 3	10.6 -94 2	4.1 -99 2	-5.8 -102 1	-16.0
Jun 14	42.9 -6 3	42.5 -19 3	41.2 -31 3	39.0 -43 3	36.0 -54 3	32.2 -64 2	27.8 -74 2	22.6 -82 2	16.9 -89 2	10.7 -95 2	4.1 -100 1	-5.8 -103 1	-16.1
Jun 15	43.1 -6 2	42.7 -19 2	41.4 -31 1	39.2 -43 1	36.2 -54 1	32.4 -64 1	27.9 -74 1	22.7 -82 1	17.0 -89 1	10.8 -95 1	4.1 -100 1	-5.9 -103 0	-16.1
Jun 16	43.2 -6 0	42.8 -19 0	41.5 -31 0	39.3 -43 0	36.3 -54 0	32.5 -65 0	28.0 -74 0	22.8 -82 0	17.0 -89 0	10.8 -95 0	4.1 -100 0	-5.9 -103 0	-16.2
Jun 17	43.2 -6 -1	42.8 -19 -1	41.5 -31 -1	39.3 -43 -1	36.3 -54 -1	32.5 -65 -1	28.0 -74 -1	22.8 -82 -1	17.0 -89 -1	10.8 -95 0	4.1 -100 0	-5.9 -103 0	-16.2
Jun 18	43.2 -6 -2	42.7 -19 -2	41.4 -31 -2	39.2 -43 -2	36.2 -54 -2	32.4 -64 -1	27.9 -74 -1	22.8 -82 -1	17.0 -89 -1	10.8 -95 -1	4.1 -100 -1	-5.9 -103 -1	-16.2
Jun 19	43.1 -6 -3	42.6 -19 -3	41.3 -31 -2	39.1 -43 -2	36.1 -54 -2	32.4 -64 -2	27.9 -73 -2	22.7 -82 -2	17.0 -89 -2	10.7 -94 -1	4.1 -99 -1	-5.9 -103 -1	-16.1
Jun 20	42.9 -6 -3	42.4 -19 -3	41.1 -31 -3	39.0 -43 -3	36.0 -54 -3	32.2 -64 -3	27.7 -73 -2	22.6 -81 -2	16.9 -88 -2	10.7 -94 -2	4.1 -99 -1	-5.8 -102 -1	-16.1
Jun 21	42.7 -6 -4	42.2 -19 -4	40.9 -31 -4	38.8 -42 -4	35.8 -53 -3	32.1 -63 -3	27.6 -73 -3	22.5 -81 -3	16.8 -88 -2	10.6 -94 -2	4.1 -98 -2	-5.8 -102 -1	-16.0
Jun 22	42.4 -6 -5	42.0 -18 -4	40.7 -30 -4	38.5 -42 -4	35.6 -53 -4	31.9 -63 -4	27.4 -72 -3	22.3 -80 -3	16.7 -87 -3	10.6 -93 -2	4.1 -98 -2	-5.8 -101 -1	-15.9
Jun 23	42.1 -6 -5	41.6 -18 -5	40.4 -30 -5	38.2 -42 -5	35.3 -52 -5	31.6 -63 -4	27.2 -72 -4	22.2 -80 -4	16.6 -87 -3	10.5 -92 -3	4.0 -97 -2	-5.7 -100 -1	-15.8
Jun 24	41.7 -6 -6	41.3 -18 -5	40.0 -30 -5	37.9 -41 -5	35.0 -52 -5	31.4 -62 -5	27.0 -71 -4	22.0 -79 -4	16.4 -86 -3	10.4 -91 -3	4.0 -96 -2	-5.7 -99 -2	-15.6
Jun 25	41.3 -6 -6	40.9 -18 -6	39.7 -30 -6	37.6 -41 -5	34.7 -52 -5	31.1 -61 -5	26.7 -70 -4	21.8 -78 -4	16.3 -85 -4	10.3 -90 -3	4.0 -95 -2	-5.6 -98 -2	-15.5
Jun 26	40.9 -6 -6	40.5 -18 -6	39.3 -29 -6	37.2 -41 -5	34.4 -51 -5	30.8 -61 -5	26.5 -70 -4	21.6 -78 -4	16.1 -84 -4	10.2 -90 -3	3.9 -94 -2	-5.6 -97 -2	-15.3
Jun 27	40.6 -6 -5	40.1 -18 -5	38.9 -29 -5	36.8 -40 -5	34.0 -51 -5	30.5 -60 -4	26.2 -69 -4	21.4 -77 -4	16.0 -83 -3	10.1 -89 -3	3.9 -93 -2	-5.5 -96 -2	-15.2
Jun 28	40.2 -6 -5	39.8 -17 -5	38.5 -29 -4	36.5 -40 -4	33.7 -50 -4	30.2 -60 -4	26.0 -68 -4	21.2 -76 -3	15.8 -83 -3	10.0 -88 -2	3.8 -93 -2	-5.5 -96 -1	-15.1
Jun 29	39.9 -6 -4	39.5 -17 -3	38.2 -29 -3	36.2 -40 -3	33.5 -50 -3	30.0 -59 -3	25.8 -68 -3	21.0 -76 -2	15.7 -82 -2	9.9 -87 -2	3.8 -92 -1	-5.4 -95 -1	-14.9
Jun 30	39.6 -6 -2	39.2 -17 -2	38.0 -29 -2	36.0 -39 -2	33.3 -50 -2	29.8 -59 -2	25.6 -68 -2	20.9 -75 -2	15.6 -82 -1	9.9 -87 -1	3.8 -92 -1	-5.4 -94 -1	-14.8
Jul 1	39.5 -6 -1	39.1 -17 -1	37.9 -28 -1	35.9 -39 -1	33.1 -49 -1	29.7 -59 0	25.5 -67 0	20.8 -75 0	15.6 -82 0	9.8 -87 0	3.8 -91 0	-5.4 -94 0	-14.8
Jul 2	39.4 -6 1	39.0 -17 1	37.8 -28 1	35.8 -39 1	33.1 -49 1	29.6 -59 1	25.5 -68 1	20.8 -75 1	15.5 -82 1	9.8 -87 1	3.8 -91 0	-5.4 -94 0	-14.8
Jul 3	39.5 -6 3	39.1 -17 3	37.9 -29 3	35.9 -39 3	33.2 -50 3	29.7 -59 2	25.6 -68 2	20.8 -75 2	15.6 -82 2	9.9 -87 2	3.8 -92 1	-5.4 -95 1	-14.8

2006 Moon Parallax and Semi-diameter

Lower Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Jul 4	69.5	-6	5	69.1	-17	5	67.9	-29	5	65.9	-40	4	63.1	-50	4	59.6	-60	4	55.5	-68	4	50.7	-76	3	45.4	-82	3	39.7	-88	2	33.6	-92	2	24.4	-95	1	14.9
Jul 5	70.0	-6	6	69.6	-18	6	68.4	-29	6	66.4	-40	6	63.6	-50	6	60.1	-60	5	55.9	-69	5	51.1	-77	4	45.8	-83	4	40.0	-89	3	33.8	-93	3	24.6	-96	2	15.0
Jul 6	70.8	-6	8	70.4	-18	7	69.2	-29	7	67.1	-41	7	64.3	-51	7	60.7	-61	6	56.5	-70	6	51.7	-77	5	46.3	-84	5	40.4	-90	4	34.2	-94	3	24.8	-97	2	15.2
Jul 7	71.7	-6	8	71.3	-18	8	70.0	-30	8	68.0	-41	8	65.1	-52	7	61.5	-62	7	57.2	-71	6	52.3	-79	6	46.9	-85	5	40.9	-91	4	34.6	-96	4	25.1	-99	2	15.4
Jul 8	72.7	-6	9	72.3	-18	8	71.0	-30	8	68.9	-42	8	66.0	-52	8	62.4	-63	7	58.0	-72	7	53.1	-80	6	47.5	-87	5	41.5	-92	5	35.1	-97	4	25.5	-100	2	15.6
Jul 9	73.8	-6	8	73.3	-19	8	72.0	-31	8	69.9	-42	8	67.0	-53	7	63.3	-63	7	58.9	-73	6	53.8	-81	6	48.2	-88	5	42.1	-93	4	35.6	-98	3	25.9	-101	2	15.8
Jul 10	74.7	-6	7	74.3	-19	7	73.0	-31	7	70.8	-43	6	67.9	-54	6	64.1	-64	6	59.6	-73	5	54.5	-82	5	48.8	-89	4	42.7	-94	4	36.1	-99	3	26.2	-103	2	16.0
Jul 11	75.6	-6	5	75.1	-19	5	73.8	-31	5	71.6	-43	5	68.6	-54	5	64.8	-65	4	60.3	-74	4	55.1	-83	4	49.4	-90	3	43.1	-95	3	36.5	-100	2	26.5	-104	1	16.2
Jul 12	76.2	-6	3	75.7	-19	3	74.4	-31	3	72.2	-43	3	69.2	-55	3	65.4	-65	2	60.8	-75	2	55.6	-83	2	49.8	-90	2	43.5	-96	2	36.8	-101	1	26.7	-104	1	16.3
Jul 13	76.5	-6	1	76.1	-19	1	74.7	-32	1	72.5	-44	1	69.5	-55	0	65.6	-65	0	61.1	-75	0	55.8	-83	0	50.0	-90	0	43.7	-96	0	37.0	-101	0	26.8	-104	0	16.4
Jul 14	76.6	-6	-2	76.1	-19	-2	74.8	-32	-2	72.6	-43	-1	69.5	-55	-1	65.7	-65	-1	61.1	-75	-1	55.9	-83	-1	50.1	-90	-1	43.7	-96	-1	37.0	-101	-1	26.9	-104	0	16.4
Jul 15	76.4	-6	-3	76.0	-19	-3	74.6	-31	-3	72.4	-43	-3	69.4	-55	-3	65.5	-65	-3	61.0	-74	-3	55.7	-83	-2	49.9	-90	-2	43.6	-96	-2	36.9	-101	-1	26.8	-104	-1	16.4
Jul 16	76.0	-6	-5	75.5	-19	-5	74.2	-31	-4	72.0	-43	-4	69.0	-54	-4	65.2	-65	-4	60.7	-74	-4	55.5	-82	-3	49.7	-89	-3	43.4	-95	-2	36.7	-100	-2	26.6	-103	-1	16.3
Jul 17	75.4	-6	-5	75.0	-19	-5	73.7	-31	-5	71.5	-43	-5	68.5	-54	-5	64.7	-64	-4	60.2	-73	-4	55.0	-82	-4	49.3	-89	-3	43.1	-94	-3	36.4	-99	-2	26.4	-102	-2	16.2
Jul 18	74.8	-6	-6	74.3	-19	-6	73.0	-31	-6	70.9	-42	-5	67.9	-53	-5	64.2	-64	-5	59.7	-73	-4	54.6	-81	-4	48.9	-88	-4	42.7	-94	-3	36.1	-98	-2	26.2	-102	-2	16.0
Jul 19	74.1	-6	-6	73.7	-18	-6	72.4	-30	-6	70.2	-42	-5	67.3	-53	-5	63.6	-63	-5	59.1	-72	-4	54.1	-80	-4	48.4	-87	-4	42.3	-93	-3	35.8	-98	-2	26.0	-101	-2	15.9
Jul 20	73.4	-6	-6	73.0	-18	-6	71.7	-30	-6	69.6	-42	-5	66.6	-52	-5	63.0	-62	-5	58.6	-71	-4	53.6	-79	-4	48.0	-86	-4	41.9	-92	-3	35.4	-97	-2	25.7	-100	-2	15.7
Jul 21	72.7	-6	-6	72.3	-18	-6	71.0	-30	-5	68.9	-41	-5	66.0	-52	-5	62.4	-62	-5	58.0	-71	-4	53.0	-79	-4	47.5	-85	-3	41.5	-91	-3	35.1	-96	-2	25.5	-99	-2	15.6
Jul 22	72.0	-6	-5	71.6	-18	-5	70.3	-30	-5	68.3	-41	-5	65.4	-51	-5	61.8	-61	-4	57.5	-70	-4	52.6	-78	-4	47.1	-85	-3	41.1	-90	-3	34.8	-95	-2	25.3	-98	-2	15.4
Jul 23	71.4	-6	-5	71.0	-18	-5	69.7	-29	-5	67.7	-40	-5	64.8	-51	-4	61.2	-61	-4	57.0	-69	-4	52.1	-77	-3	46.7	-84	-3	40.8	-89	-3	34.5	-94	-2	25.0	-97	-1	15.3
Jul 24	70.8	-6	-5	70.4	-18	-5	69.1	-29	-4	67.1	-40	-4	64.3	-50	-4	60.7	-60	-4	56.5	-69	-4	51.6	-77	-3	46.3	-83	-3	40.4	-89	-2	34.2	-93	-2	24.8	-96	-1	15.2
Jul 25	70.2	-6	-4	69.8	-17	-4	68.6	-29	-4	66.6	-40	-4	63.8	-50	-4	60.2	-60	-3	56.0	-68	-3	51.2	-76	-3	45.9	-83	-3	40.1	-88	-2	33.9	-93	-2	24.6	-95	-1	15.0
Jul 26	69.7	-6	-3	69.3	-17	-3	68.1	-29	-3	66.1	-40	-3	63.3	-50	-3	59.8	-59	-3	55.7	-68	-3	50.9	-76	-2	45.6	-82	-2	39.8	-87	-2	33.7	-92	-1	24.4	-95	-1	14.9
Jul 27	69.3	-6	-3	68.9	-17	-2	67.7	-29	-2	65.7	-39	-2	62.9	-50	-2	59.5	-59	-2	55.3	-68	-2	50.6	-75	-2	45.3	-82	-2	39.6	-87	-1	33.5	-92	-1	24.3	-94	-1	14.8
Jul 28	69.0	-6	-1	68.6	-17	-1	67.4	-28	-1	65.4	-39	-1	62.7	-49	-1	59.2	-59	-1	55.1	-67	-1	50.4	-75	-1	45.1	-81	-1	39.4	-87	-1	33.3	-91	-1	24.2	-94	0	14.8
Jul 29	68.8	-6	0	68.4	-17	0	67.2	-28	0	65.3	-39	0	62.5	-49	0	59.1	-59	0	54.9	-67	0	50.2	-75	0	45.0	-81	0	39.3	-87	0	33.2	-91	0	24.1	-94	0	14.7
Jul 30	68.8	-6	1	68.4	-17	1	67.2	-28	1	65.2	-39	1	62.5	-49	1	59.1	-59	1	54.9	-67	1	50.2	-75	1	45.0	-81	1	39.3	-87	1	33.2	-91	1	24.1	-94	0	14.7
Jul 31	69.0	-6	3	68.6	-17	3	67.4	-29	3	65.4	-39	3	62.7	-50	3	59.2	-59	3	55.1	-68	2	50.4	-75	2	45.1	-82	2	39.4	-87	2	33.3	-92	1	24.2	-94	1	14.8
Aug 1	69.4	-6	5	69.0	-17	5	67.8	-29	5	65.8	-40	5	63.0	-50	4	59.5	-59	4	55.4	-68	4	50.6	-76	3	45.4	-82	3	39.6	-88	3	33.5	-92	2	24.3	-95	1	14.9
Aug 2	70.0	-6	7	69.6	-18	6	68.3	-29	6	66.3	-40	6	63.5	-50	6	60.0	-60	5	55.9	-69	5	51.1	-77	5	45.7	-83	4	39.9	-88	3	33.8	-93	3	24.5	-96	2	15.0
Aug 3	70.8	-6	8	70.4	-18	8	69.1	-29	8	67.1	-41	7	64.3	-51	7	60.7	-61	7	56.5	-70	6	51.6	-77	6	46.2	-84	5	40.4	-90	4	34.2	-94	3	24.8	-97	2	15.2
Aug 4	71.7	-6	9	71.3	-18	9	70.1	-30	9	68.0	-41	9	65.1	-52	8	61.5	-62	8	57.3	-71	7	52.3	-79	6	46.9	-85	6	41.0	-91	5	34.6	-96	4	25.1	-99	3	15.4
Aug 5	72.8	-6	10	72.4	-18	10	71.1	-30	9	69.0	-42	9	66.1	-53	9	62.5	-63	8	58.1	-72	7	53.1	-80	7	47.6	-87	6	41.6	-92	5	35.2	-97	4	25.5	-100	3	15.6
Aug 6	74.0	-6	10	73.6	-19	9	72.3	-31	9	70.1	-42	9	67.2	-53	8	63.5	-64	8	59.1	-73	7	54.0	-81	7	48.4	-88	6	42.3	-94	5	35.7	-99	4	25.9	-102	3	15.8
Aug 7	75.2	-6	9	74.7	-19	8	73.4	-31	8	71.2	-43	8	68.2	-54	8	64.5	-65	7	60.0	-74	7	54.8	-82	6	49.1	-89	5	42.9	-95	5	36.3	-100	4	26.4	-103	2	16.1
Aug 8	76.2	-6	7	75.7	-19	7	74.4	-32	6	72.2	-44	6	69.2	-55	6	65.4	-65	5	60.8	-75	5	55.6	-83	5	49.8	-90	4	43.5	-96	3	36.8	-101	3	26.7	-105	2	16.3
Aug 9	77.0	-6	4	76.5	-19	4	75.2	-32	4	73.0	-44	4	69.9	-55	3	66.0	-66	3	61.4	-75	3	56.2	-84	3	50.3	-91	2	43.9	-97	2	37.2	-102	2	27.0	-105	1	16.5
Aug 10	77.5	-6	1	77.0	-19	1	75.6	-32	1	73.4	-44	1	70.3	-56	1	66.4	-66	1	61.8	-76	1	56.5	-84	1	50.6	-92	1	44.2	-97	0	37.4	-103	0	27.2	-106	0	16.6
Aug 11	77.6	-6	-2	77.1	-19	-2	75.7	-32	-2	73.5	-44	-2	70.4	-55	-2	66.5	-66	-2	61.9	-76	-2	56.6	-84	-2	50.7	-91	-1	44.3	-97	-1	37.5	-102	-1	27.2	-106	-1	16.6
Aug 12	77.3	-6	-5	76.8	-19	-5	75.5	-32	-5	73.3	-44	-4	70.2	-55	-4	66.3	-66	-4	61.7	-75	-4	56.4	-84	-3	50.5	-91	-3	44.1	-97	-3	37.3	-102	-2	27.1	-105	-1	16.6
Aug 13	76.7	-6	-7	76.3	-19	-7	74.9	-31	-6	72.7	-43	-6	69.7	-55	-6	65.8	-65	-6	61.2	-75	-5	56.0	-83	-5	50.1	-90	-4	43.8	-96	-4	37.0	-101	-3	26.9	-104	-2	16.4
Aug 14	75.9	-6	-8	75.5	-19	-8	74.2	-31	-7	72.0	-43	-7	68.9	-54	-7	65.1	-64	-6	60.6	-74	-6	55.4	-82	-5	49.6	-89	-5	43.3	-95	-4	36.7	-100	-3	26.6	-103	-2	16.3
Aug 15	75.0	-6	-8	74.6	-19	-8	73.2	-31	-8	71.1	-42	-8	68.1	-53	-7	64.3	-64	-7	59.9	-73	-6	54.7	-81	-6	49.0	-88	-5	42.8	-94	-4	36.2	-99	-3	26.3	-102	-2	16.1
Aug 16	74.0	-6	-8	73.6	-18	-8	72.3	-30	-8	70.2	-42	-7	67.2	-53	-7	63.5	-63	-7	59.1	-72	-6	54.0	-80	-5	48.4	-87	-5	42.3	-92	-4	35.7	-97	-3	26.0	-100	-2	15.9
Aug 17	73.1	-6	-7	72.6	-18	-7	71.4	-30	-7	69.3	-41	-7	66.3	-52	-7	62.7	-62	-6	58.3	-71	-6	53.3	-79	-5	47.8	-86	-5	41.7	-91	-4	35.3	-96	-3	25.6	-99	-2	15.6
Aug 18	72.2	-6	-7	71.8	-18	-7	70.5	-30	-6	68.4	-41	-6	65.5	-51	-6	61.9	-61	-5	57.6	-70	-5	52.7	-78	-5	47.2	-85	-4	41.2	-90	-3	34.9	-95	-3	25.3	-98	-2	15.5

2006 Moon Parallax and Semi-diameter

Upper Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Jul 4	39.7	-6	5	39.3	-17	5	38.1	-29	5	36.1	-40	4	33.3	-50	4	29.8	-60	4	25.7	-68	4	20.9	-76	3	15.7	-82	3	9.9	-88	2	3.8	-92	2	-5.4	-95	1	-14.9
Jul 5	40.0	-6	6	39.6	-18	6	38.4	-29	6	36.4	-40	6	33.6	-50	6	30.1	-60	5	25.9	-69	5	21.1	-77	4	15.8	-83	4	10.0	-89	3	3.8	-93	3	-5.4	-96	2	-15.0
Jul 6	40.5	-6	8	40.1	-18	7	38.8	-29	7	36.8	-41	7	34.0	-51	7	30.4	-61	6	26.2	-70	6	21.3	-77	5	16.0	-84	5	10.1	-90	4	3.9	-94	3	-5.5	-97	2	-15.2
Jul 7	41.0	-6	8	40.6	-18	8	39.3	-30	8	37.3	-41	8	34.4	-52	7	30.8	-62	7	26.5	-71	6	21.6	-79	6	16.2	-85	5	10.2	-91	4	3.9	-96	4	-5.6	-99	2	-15.4
Jul 8	41.6	-6	9	41.2	-18	8	39.9	-30	8	37.8	-42	8	34.9	-52	8	31.2	-63	7	26.9	-72	7	21.9	-80	6	16.4	-87	5	10.4	-92	5	4.0	-97	4	-5.6	-100	2	-15.6
Jul 9	42.2	-6	8	41.7	-19	8	40.4	-31	8	38.3	-42	8	35.4	-53	7	31.7	-63	7	27.3	-73	6	22.2	-81	6	16.6	-88	5	10.5	-93	4	4.0	-98	3	-5.7	-101	2	-15.8
Jul 10	42.7	-6	7	42.3	-19	7	41.0	-31	7	38.8	-43	6	35.9	-54	6	32.1	-64	6	27.6	-73	5	22.5	-82	5	16.8	-89	4	10.7	-94	4	4.1	-99	3	-5.8	-103	2	-16.0
Jul 11	43.2	-6	5	42.8	-19	5	41.4	-31	5	39.3	-43	5	36.2	-54	5	32.5	-65	4	27.9	-74	4	22.8	-83	4	17.0	-90	3	10.8	-95	3	4.1	-100	2	-5.9	-104	1	-16.2
Jul 12	43.6	-6	3	43.1	-19	3	41.8	-31	3	39.6	-43	3	36.5	-55	3	32.7	-65	2	28.2	-75	2	23.0	-83	2	17.2	-90	2	10.9	-96	2	4.2	-101	1	-5.9	-104	1	-16.3
Jul 13	43.7	-6	1	43.3	-19	1	42.0	-32	1	39.8	-44	1	36.7	-55	0	32.9	-65	0	28.3	-75	0	23.1	-83	0	17.2	-90	0	10.9	-96	0	4.2	-101	0	-5.9	-104	0	-16.4
Jul 14	43.8	-6	-2	43.3	-19	-2	42.0	-32	-2	39.8	-43	-1	36.7	-55	-1	32.9	-65	-1	28.3	-75	-1	23.1	-83	-1	17.3	-90	-1	10.9	-96	-1	4.2	-101	-1	-5.9	-104	0	-16.4
Jul 15	43.7	-6	-3	43.2	-19	-3	41.9	-31	-3	39.7	-43	-3	36.6	-55	-3	32.8	-65	-3	28.3	-74	-3	23.0	-83	-2	17.2	-90	-2	10.9	-96	-2	4.2	-101	-1	-5.9	-104	-1	-16.4
Jul 16	43.4	-6	-5	43.0	-19	-5	41.7	-31	-4	39.5	-43	-4	36.5	-54	-4	32.6	-65	-4	28.1	-74	-4	22.9	-82	-3	17.1	-89	-3	10.8	-95	-2	4.2	-100	-2	-5.9	-103	-1	-16.3
Jul 17	43.1	-6	-5	42.7	-19	-5	41.4	-31	-5	39.2	-43	-5	36.2	-54	-5	32.4	-64	-4	27.9	-73	-4	22.7	-82	-4	17.0	-89	-3	10.8	-94	-3	4.1	-99	-2	-5.9	-102	-2	-16.2
Jul 18	42.8	-6	-6	42.3	-19	-6	41.0	-31	-6	38.9	-42	-5	35.9	-53	-5	32.1	-64	-5	27.7	-73	-4	22.5	-81	-4	16.8	-88	-4	10.7	-94	-3	4.1	-98	-2	-5.8	-102	-2	-16.0
Jul 19	42.4	-6	-6	41.9	-18	-6	40.6	-30	-6	38.5	-42	-5	35.5	-53	-5	31.8	-63	-5	27.4	-72	-4	22.3	-80	-4	16.7	-87	-4	10.6	-93	-3	4.0	-98	-2	-5.8	-101	-2	-15.9
Jul 20	42.0	-6	-6	41.5	-18	-6	40.2	-30	-6	38.1	-42	-5	35.2	-52	-5	31.5	-62	-5	27.1	-71	-4	22.1	-79	-4	16.5	-86	-4	10.5	-92	-3	4.0	-97	-2	-5.7	-100	-2	-15.7
Jul 21	41.6	-6	-6	41.1	-18	-6	39.9	-30	-5	37.8	-41	-5	34.9	-52	-5	31.2	-62	-5	26.9	-71	-4	21.9	-79	-4	16.4	-85	-3	10.4	-91	-3	4.0	-96	-2	-5.6	-99	-2	-15.6
Jul 22	41.2	-6	-5	40.8	-18	-5	39.5	-30	-5	37.4	-41	-5	34.6	-51	-5	30.9	-61	-4	26.6	-70	-4	21.7	-78	-4	16.2	-85	-3	10.3	-90	-3	3.9	-95	-2	-5.6	-98	-2	-15.4
Jul 23	40.8	-6	-5	40.4	-18	-5	39.1	-29	-5	37.1	-40	-5	34.2	-51	-4	30.7	-61	-4	26.4	-69	-4	21.5	-77	-3	16.1	-84	-3	10.2	-89	-3	3.9	-94	-2	-5.5	-97	-1	-15.3
Jul 24	40.5	-6	-5	40.0	-18	-5	38.8	-29	-4	36.8	-40	-4	34.0	-50	-4	30.4	-60	-4	26.2	-69	-4	21.3	-77	-3	15.9	-83	-3	10.1	-89	-2	3.9	-93	-2	-5.5	-96	-1	-15.2
Jul 25	40.1	-6	-4	39.7	-17	-4	38.5	-29	-4	36.5	-40	-4	33.7	-50	-4	30.2	-60	-3	26.0	-68	-3	21.2	-76	-3	15.8	-83	-3	10.0	-88	-2	3.8	-93	-2	-5.5	-95	-1	-15.0
Jul 26	39.9	-6	-3	39.5	-17	-3	38.2	-29	-3	36.2	-40	-3	33.4	-50	-3	30.0	-59	-3	25.8	-68	-3	21.0	-76	-2	15.7	-82	-2	9.9	-87	-2	3.8	-92	-1	-5.4	-95	-1	-14.9
Jul 27	39.6	-6	-3	39.2	-17	-2	38.0	-29	-2	36.0	-39	-2	33.3	-50	-2	29.8	-59	-2	25.6	-68	-2	20.9	-75	-2	15.6	-82	-2	9.9	-87	-1	3.8	-92	-1	-5.4	-94	-1	-14.8
Jul 28	39.5	-6	-1	39.1	-17	-1	37.8	-28	-1	35.9	-39	-1	33.1	-49	-1	29.6	-59	-1	25.5	-67	-1	20.8	-75	-1	15.5	-81	-1	9.8	-87	-1	3.8	-91	-1	-5.4	-94	0	-14.8
Jul 29	39.4	-6	0	39.0	-17	0	37.8	-28	0	35.8	-39	0	33.0	-49	0	29.6	-59	0	25.5	-67	0	20.8	-75	0	15.5	-81	0	9.8	-87	0	3.8	-91	0	-5.3	-94	0	-14.7
Jul 30	39.4	-6	1	39.0	-17	1	37.7	-28	1	35.8	-39	1	33.0	-49	1	29.6	-59	1	25.5	-67	1	20.7	-75	1	15.5	-81	1	9.8	-87	1	3.8	-91	1	-5.3	-94	0	-14.7
Jul 31	39.5	-6	3	39.1	-17	3	37.8	-29	3	35.9	-39	3	33.1	-50	3	29.6	-59	3	25.5	-68	2	20.8	-75	2	15.5	-82	2	9.8	-87	2	3.8	-92	1	-5.4	-94	1	-14.8
Aug 1	39.7	-6	5	39.3	-17	5	38.1	-29	5	36.0	-40	5	33.3	-50	4	29.8	-59	4	25.7	-68	4	20.9	-76	3	15.6	-82	3	9.9	-88	3	3.8	-92	2	-5.4	-95	1	-14.9
Aug 2	40.0	-6	7	39.6	-18	6	38.4	-29	6	36.4	-40	6	33.6	-50	6	30.1	-60	5	25.9	-69	5	21.1	-77	5	15.8	-83	4	10.0	-88	3	3.8	-93	3	-5.4	-96	2	-15.0
Aug 3	40.5	-6	8	40.0	-18	8	38.8	-29	8	36.8	-41	7	33.9	-51	7	30.4	-61	7	26.2	-70	6	21.3	-77	6	15.9	-84	5	10.1	-90	4	3.9	-94	3	-5.5	-97	2	-15.2
Aug 4	41.0	-6	9	40.6	-18	9	39.3	-30	9	37.3	-41	9	34.4	-52	8	30.8	-62	8	26.5	-71	7	21.6	-79	6	16.2	-85	6	10.2	-91	5	3.9	-96	4	-5.6	-99	3	-15.4
Aug 5	41.6	-6	10	41.2	-18	10	39.9	-30	9	37.8	-42	9	34.9	-53	9	31.3	-63	8	26.9	-72	7	22.0	-80	7	16.4	-87	6	10.4	-92	5	4.0	-97	4	-5.7	-100	3	-15.6
Aug 6	42.3	-6	10	41.9	-19	9	40.6	-31	9	38.4	-42	9	35.5	-53	8	31.8	-64	8	27.4	-73	7	22.3	-81	7	16.7	-88	6	10.6	-94	5	4.0	-99	4	-5.7	-102	3	-15.8
Aug 7	43.0	-6	9	42.5	-19	8	41.2	-31	8	39.0	-43	8	36.1	-54	8	32.3	-65	7	27.8	-74	7	22.7	-82	6	16.9	-89	5	10.7	-95	5	4.1	-100	4	-5.8	-103	2	-16.1
Aug 8	43.6	-6	7	43.1	-19	7	41.8	-32	6	39.6	-44	6	36.5	-55	6	32.7	-65	5	28.2	-75	5	23.0	-83	5	17.2	-90	4	10.9	-96	3	4.2	-101	3	-5.9	-105	2	-16.3
Aug 9	44.0	-6	4	43.6	-19	4	42.2	-32	4	40.0	-44	4	36.9	-55	3	33.1	-66	3	28.5	-75	3	23.2	-84	3	17.3	-91	2	11.0	-97	2	4.2	-102	2	-6.0	-105	1	-16.5
Aug 10	44.3	-6	1	43.8	-19	1	42.5	-32	1	40.2	-44	1	37.2	-56	1	33.3	-66	1	28.6	-76	1	23.3	-84	1	17.4	-92	1	11.0	-97	0	4.2	-103	0	-6.0	-106	0	-16.6
Aug 11	44.3	-6	-2	43.9	-19	-2	42.5	-32	-2	40.3	-44	-2	37.2	-55	-2	33.3	-66	-2	28.7	-76	-2	23.4	-84	-2	17.5	-91	-1	11.1	-97	-1	4.2	-102	-1	-6.0	-106	-1	-16.6
Aug 12	44.2	-6	-5	43.7	-19	-5	42.4	-32	-5	40.2	-44	-4	37.1	-55	-4	33.2	-66	-4	28.6	-75	-4	23.3	-84	-3	17.4	-91	-3	11.0	-97	-3	4.2	-102	-2	-6.0	-105	-1	-16.6
Aug 13	43.9	-6	-7	43.4	-19	-7	42.1	-31	-6	39.9	-43	-6	36.8	-55	-6	33.0	-65	-6	28.4	-75	-5	23.1	-83	-5	17.3	-90	-4	10.9	-96	-4	4.2	-101	-3	-6.0	-104	-2	-16.4
Aug 14	43.4	-6	-8	43.0	-19	-8	41.6	-31	-7	39.4	-43	-7	36.4	-54	-7	32.6	-64	-6	28.1	-74	-6	22.9	-82	-5	17.1	-89	-5	10.8	-95	-4	4.1	-100	-3	-5.9	-103	-2	-16.3
Aug 15	42.9	-6	-8	42.4	-19	-8	41.1	-31	-8	39.0	-42	-8	36.0	-53	-7	32.2	-64	-7	27.7	-73	-6	22.6	-81	-6	16.9	-88	-5	10.7	-94	-4	4.1	-99	-3	-5.8	-102	-2	-16.1
Aug 16	42.3	-6	-8	41.9	-18	-8	40.6	-30	-8	38.5	-42	-7	35.5	-53	-7	31.8	-63	-7	27.4	-72	-6	22.3	-80	-5	16.7	-87	-5	10.6	-92	-4	4.0	-97	-3	-5.7	-100	-2	-15.9
Aug 17	41.8	-6	-7	41.3	-18	-7	40.1	-30	-7	38.0	-41	-7	35.1	-52	-7	31.4	-62	-6	27.0	-71	-6	22.0	-79	-5	16.5	-86	-5	10.4	-91	-4	4.0	-96	-3	-5.7	-99	-2	-15.6
Aug 18	41.3	-6	-7	40.8	-18	-7	39.6	-30	-6	37.5	-41	-6	34.6	-51	-6	31.0	-61	-5	26.7	-70	-5	21.8	-78	-5	16.3	-85	-4	10.3	-90	-3	3.9	-95	-3	-5.6	-98	-2	-15.5

2006 Moon Parallax and Semi-diameter

Lower Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Aug 19	71.4	-6	-6	71.0	-18	-6	69.7	-29	-6	67.7	-40	-5	64.8	-51	-5	61.2	-61	-5	57.0	-69	-4	52.1	-77	-4	46.7	-84	-4	40.8	-89	-3	34.5	-94	-2	25.0	-97	-2	15.3
Aug 20	70.7	-6	-5	70.3	-18	-5	69.0	-29	-5	67.0	-40	-5	64.2	-50	-4	60.6	-60	-4	56.4	-69	-4	51.6	-77	-3	46.2	-83	-3	40.4	-88	-3	34.1	-93	-2	24.8	-96	-1	15.1
Aug 21	70.1	-6	-4	69.7	-17	-4	68.5	-29	-4	66.4	-40	-4	63.7	-50	-4	60.1	-60	-3	56.0	-68	-3	51.2	-76	-3	45.8	-83	-2	40.0	-88	-2	33.9	-92	-2	24.6	-95	-1	15.0
Aug 22	69.6	-6	-3	69.2	-17	-3	68.0	-29	-3	66.0	-39	-3	63.2	-50	-3	59.7	-59	-3	55.6	-68	-2	50.8	-75	-2	45.5	-82	-2	39.7	-87	-2	33.6	-92	-1	24.4	-95	-1	14.9
Aug 23	69.2	-6	-2	68.8	-17	-2	67.6	-28	-2	65.6	-39	-2	62.9	-49	-2	59.4	-59	-2	55.3	-68	-2	50.5	-75	-2	45.2	-82	-1	39.5	-87	-1	33.4	-91	-1	24.3	-94	-1	14.8
Aug 24	68.9	-6	-2	68.5	-17	-2	67.3	-28	-2	65.3	-39	-1	62.6	-49	-1	59.1	-59	-1	55.0	-67	-1	50.3	-75	-1	45.1	-81	-1	39.4	-87	-1	33.3	-91	-1	24.2	-94	0	14.8
Aug 25	68.7	-6	-1	68.3	-17	-1	67.1	-28	-1	65.2	-39	-1	62.4	-49	-1	59.0	-59	0	54.9	-67	0	50.2	-75	0	44.9	-81	0	39.2	-86	0	33.2	-91	0	24.1	-94	0	14.7
Aug 26	68.7	-6	0	68.3	-17	0	67.1	-28	0	65.1	-39	0	62.4	-49	0	58.9	-59	0	54.8	-67	0	50.1	-75	0	44.9	-81	0	39.2	-86	0	33.2	-91	0	24.1	-94	0	14.7
Aug 27	68.7	-6	2	68.3	-17	2	67.1	-28	2	65.1	-39	2	62.4	-49	2	59.0	-59	1	54.9	-67	1	50.2	-75	1	44.9	-81	1	39.2	-87	1	33.2	-91	1	24.1	-94	0	14.7
Aug 28	68.9	-6	3	68.5	-17	3	67.3	-29	3	65.3	-39	3	62.6	-50	3	59.1	-59	3	55.0	-68	2	50.3	-75	2	45.1	-82	2	39.4	-87	2	33.3	-91	1	24.2	-94	1	14.8
Aug 29	69.3	-6	5	68.9	-17	5	67.7	-29	4	65.7	-40	4	62.9	-50	4	59.5	-59	4	55.3	-68	4	50.6	-76	3	45.3	-82	3	39.6	-87	2	33.5	-92	2	24.3	-95	1	14.8
Aug 30	69.9	-6	6	69.5	-18	6	68.3	-29	6	66.2	-40	6	63.5	-50	5	60.0	-60	5	55.8	-69	5	51.0	-76	4	45.7	-83	4	39.9	-88	3	33.7	-93	3	24.5	-96	2	15.0
Aug 31	70.6	-6	8	70.2	-18	8	69.0	-29	7	66.9	-40	7	64.1	-51	7	60.6	-61	6	56.4	-70	6	51.5	-77	5	46.2	-84	5	40.3	-89	4	34.1	-94	3	24.8	-97	2	15.1
Sep 1	71.6	-6	9	71.1	-18	9	69.9	-30	9	67.8	-41	8	65.0	-52	8	61.4	-62	7	57.1	-70	7	52.2	-78	6	46.8	-85	6	40.9	-91	5	34.6	-95	4	25.1	-98	3	15.3
Sep 2	72.6	-6	10	72.2	-18	10	71.0	-30	10	68.9	-42	9	66.0	-52	9	62.3	-63	8	58.0	-72	8	53.0	-80	7	47.5	-87	6	41.5	-92	5	35.1	-97	4	25.5	-100	3	15.6
Sep 3	73.8	-6	10	73.4	-19	10	72.1	-31	10	70.0	-42	9	67.0	-53	9	63.3	-64	8	58.9	-73	8	53.9	-81	7	48.3	-88	6	42.2	-94	5	35.7	-99	4	25.9	-102	3	15.8
Sep 4	75.1	-6	10	74.6	-19	9	73.3	-31	9	71.1	-43	9	68.2	-54	9	64.4	-65	8	59.9	-74	7	54.8	-82	7	49.1	-89	6	42.9	-95	5	36.2	-100	4	26.3	-103	3	16.1
Sep 5	76.2	-6	8	75.8	-19	8	74.4	-32	8	72.2	-44	7	69.2	-55	7	65.4	-65	7	60.8	-75	6	55.6	-83	6	49.8	-91	5	43.5	-96	4	36.8	-101	3	26.7	-105	2	16.3
Sep 6	77.2	-6	5	76.7	-19	5	75.4	-32	5	73.2	-44	5	70.1	-56	5	66.2	-66	5	61.6	-76	4	56.3	-84	4	50.4	-92	3	44.1	-97	3	37.3	-103	2	27.1	-106	2	16.5
Sep 7	77.8	-7	2	77.4	-19	2	76.0	-32	2	73.8	-44	2	70.7	-56	2	66.8	-67	2	62.1	-76	2	56.8	-85	2	50.9	-92	1	44.4	-98	1	37.6	-103	1	27.3	-106	1	16.7
Sep 8	78.1	-7	-1	77.7	-19	-1	76.3	-32	-1	74.0	-44	-1	70.9	-56	-1	67.0	-67	-1	62.3	-76	-1	57.0	-85	-1	51.1	-92	-1	44.6	-98	-1	37.7	-103	-1	27.4	-106	0	16.7
Sep 9	78.0	-7	-5	77.5	-19	-5	76.1	-32	-4	73.9	-44	-4	70.8	-56	-4	66.9	-66	-4	62.2	-76	-4	56.9	-84	-3	51.0	-92	-3	44.5	-98	-2	37.6	-103	-2	27.3	-106	-1	16.7
Sep 10	77.4	-6	-7	77.0	-19	-7	75.6	-32	-7	73.4	-44	-7	70.3	-55	-6	66.4	-66	-6	61.8	-75	-6	56.5	-84	-5	50.6	-91	-4	44.2	-97	-4	37.4	-102	-3	27.1	-105	-2	16.6
Sep 11	76.5	-6	-9	76.1	-19	-9	74.8	-31	-9	72.5	-43	-8	69.5	-54	-8	65.7	-65	-7	61.1	-74	-7	55.8	-83	-6	50.0	-90	-5	43.7	-96	-5	37.0	-101	-4	26.8	-104	-3	16.4
Sep 12	75.5	-6	-10	75.0	-19	-10	73.7	-31	-9	71.5	-43	-9	68.5	-54	-9	64.7	-64	-8	60.2	-73	-7	55.1	-81	-7	49.3	-88	-6	43.1	-94	-5	36.4	-99	-4	26.5	-102	-3	16.2
Sep 13	74.3	-6	-10	73.9	-18	-9	72.6	-30	-9	70.4	-42	-9	67.5	-53	-8	63.7	-63	-8	59.3	-72	-7	54.2	-80	-7	48.6	-87	-6	42.4	-93	-5	35.9	-98	-4	26.0	-101	-3	15.9
Sep 14	73.2	-6	-9	72.7	-18	-9	71.4	-30	-9	69.3	-41	-8	66.4	-52	-8	62.8	-62	-7	58.4	-71	-7	53.4	-79	-6	47.8	-86	-5	41.8	-91	-5	35.3	-96	-4	25.6	-99	-3	15.7
Sep 15	72.1	-6	-8	71.7	-18	-8	70.4	-30	-8	68.3	-41	-7	65.5	-51	-7	61.8	-61	-6	57.5	-70	-6	52.6	-78	-5	47.1	-85	-5	41.2	-90	-4	34.8	-95	-3	25.3	-98	-2	15.4
Sep 16	71.1	-6	-7	70.7	-18	-6	69.5	-29	-6	67.4	-40	-6	64.6	-51	-6	61.0	-60	-5	56.8	-69	-5	51.9	-77	-5	46.5	-84	-4	40.6	-89	-3	34.4	-94	-3	24.9	-97	-2	15.2
Sep 17	70.4	-6	-5	69.9	-17	-5	68.7	-29	-5	66.7	-40	-5	63.9	-50	-5	60.4	-60	-4	56.2	-68	-4	51.3	-76	-4	46.0	-83	-3	40.2	-88	-3	34.0	-93	-2	24.7	-96	-1	15.1
Sep 18	69.7	-6	-4	69.3	-17	-4	68.1	-29	-4	66.1	-40	-4	63.3	-50	-3	59.8	-59	-3	55.7	-68	-3	50.9	-76	-3	45.6	-82	-2	39.8	-87	-2	33.7	-92	-2	24.4	-95	-1	14.9
Sep 19	69.3	-6	-3	68.9	-17	-3	67.6	-28	-3	65.6	-39	-3	62.9	-49	-2	59.4	-59	-2	55.3	-68	-2	50.5	-75	-2	45.3	-82	-2	39.5	-87	-1	33.4	-91	-1	24.3	-94	-1	14.8
Sep 20	68.9	-6	-2	68.5	-17	-2	67.3	-28	-2	65.3	-39	-2	62.6	-49	-1	59.1	-59	-1	55.0	-67	-1	50.3	-75	-1	45.0	-81	-1	39.4	-87	-1	33.3	-91	-1	24.2	-94	0	14.8
Sep 21	68.7	-6	-1	68.3	-17	-1	67.1	-28	-1	65.1	-39	-1	62.4	-49	-1	59.0	-59	-1	54.9	-67	-1	50.1	-75	0	44.9	-81	0	39.2	-86	0	33.2	-91	0	24.1	-94	0	14.7
Sep 22	68.6	-6	0	68.2	-17	0	67.0	-28	0	65.1	-39	0	62.3	-49	0	58.9	-59	0	54.8	-67	0	50.1	-75	0	44.9	-81	0	39.2	-86	0	33.1	-91	0	24.1	-94	0	14.7
Sep 23	68.7	-6	1	68.3	-17	1	67.1	-28	1	65.1	-39	1	62.4	-49	1	58.9	-59	1	54.8	-67	1	50.1	-75	1	44.9	-81	1	39.2	-86	1	33.2	-91	0	24.1	-94	0	14.7
Sep 24	68.8	-6	2	68.4	-17	2	67.2	-28	2	65.2	-39	2	62.5	-49	2	59.0	-59	2	54.9	-67	2	50.2	-75	1	45.0	-81	1	39.3	-87	1	33.2	-91	1	24.1	-94	1	14.7
Sep 25	69.1	-6	3	68.7	-17	3	67.5	-29	3	65.5	-39	3	62.7	-50	3	59.3	-59	3	55.1	-68	2	50.4	-75	2	45.1	-82	2	39.4	-87	2	33.4	-92	1	24.2	-95	1	14.8
Sep 26	69.5	-6	4	69.0	-17	4	67.8	-29	4	65.8	-40	4	63.1	-50	4	59.6	-59	4	55.4	-68	3	50.7	-76	3	45.4	-82	3	39.7	-88	2	33.5	-92	2	24.4	-95	1	14.9
Sep 27	70.0	-6	6	69.6	-18	5	68.3	-29	5	66.3	-40	5	63.5	-50	5	60.0	-60	5	55.9	-69	4	51.1	-76	4	45.7	-83	3	39.9	-88	3	33.8	-93	2	24.5	-96	2	15.0
Sep 28	70.6	-6	7	70.2	-18	7	69.0	-29	7	67.0	-40	6	64.1	-51	6	60.6	-61	6	56.4	-69	5	51.5	-77	5	46.2	-84	4	40.3	-89	4	34.1	-94	3	24.8	-97	2	15.1
Sep 29	71.5	-6	8	71.0	-18	8	69.8	-30	8	67.7	-41	7	64.9	-52	7	61.3	-61	7	57.0	-70	6	52.1	-78	6	46.7	-85	5	40.8	-90	4	34.5	-95	3	25.1	-98	2	15.3
Sep 30	72.4	-6	9	72.0	-18	9	70.7	-30	9	68.6	-41	8	65.8	-52	8	62.1	-62	7	57.8	-71	7	52.8	-79	6	47.3	-86	5	41.3	-92	5	35.0	-97	4	25.4	-100	3	15.5
Oct 1	73.5	-6	9	73.1	-19	9	71.8	-31	9	69.7	-42	9	66.7	-53	8	63.0	-63	8	58.7	-72	7	53.6	-81	7	48.0	-87	6	42.0	-93	5	35.5	-98	4	25.8	-101	3	15.7
Oct 2	74.6	-6	9	74.2	-19	9	72.9	-31	9	70.7	-43	9	67.8	-54	8	64.0	-64	8	59.6	-74	7	54.5	-82	6	48.8	-89	6	42.6	-95	5	36.0	-99	4	26.2	-103	3	16.0
Oct 3	75.8	-6	8	75.3	-19	8	74.0	-31	8	71.8	-43	8	68.8	-55	7	65.0	-65	7	60.5	-75	6	55.3	-83	6	49.5	-90	5	43.2	-96	4	36.6	-101	4	26.6	-104	2	16.2

2006 Moon Parallax and Semi-diameter

Upper Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	at		'	at		'	at		'	at		'	at		'	at		'	at		'	at		'	at		'	at		'	at		'	at		'
Aug 19	40.8	-6	-6	40.4	-18	-6	39.1	-29	-6	37.1	-40	-5	34.2	-51	-5	30.7	-61	-5	26.4	-69	-4	21.5	-77	-4	16.1	-84	-4	10.2	-89	-3	3.9	-94	-2	-5.5	-97	-2	-15.3
Aug 20	40.4	-6	-5	40.0	-18	-5	38.8	-29	-5	36.7	-40	-5	33.9	-50	-4	30.4	-60	-4	26.1	-69	-4	21.3	-77	-3	15.9	-83	-3	10.1	-88	-3	3.9	-93	-2	-5.5	-96	-1	-15.1
Aug 21	40.1	-6	-4	39.7	-17	-4	38.4	-29	-4	36.4	-40	-4	33.6	-50	-4	30.1	-60	-3	25.9	-68	-3	21.1	-76	-3	15.8	-83	-2	10.0	-88	-2	3.8	-92	-2	-5.4	-95	-1	-15.0
Aug 22	39.8	-6	-3	39.4	-17	-3	38.2	-29	-3	36.2	-39	-3	33.4	-50	-3	29.9	-59	-3	25.7	-68	-2	21.0	-75	-2	15.7	-82	-2	9.9	-87	-2	3.8	-92	-1	-5.4	-95	-1	-14.9
Aug 23	39.6	-6	-2	39.2	-17	-2	38.0	-28	-2	36.0	-39	-2	33.2	-49	-2	29.7	-59	-2	25.6	-68	-2	20.9	-75	-2	15.6	-82	-1	9.9	-87	-1	3.8	-91	-1	-5.4	-94	-1	-14.8
Aug 24	39.4	-6	-2	39.0	-17	-2	37.8	-28	-2	35.8	-39	-1	33.1	-49	-1	29.6	-59	-1	25.5	-67	-1	20.8	-75	-1	15.5	-81	-1	9.8	-87	-1	3.8	-91	-1	-5.4	-94	0	-14.8
Aug 25	39.3	-6	-1	38.9	-17	-1	37.7	-28	-1	35.7	-39	-1	33.0	-49	-1	29.5	-59	0	25.4	-67	0	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Aug 26	39.3	-6	0	38.9	-17	0	37.7	-28	0	35.7	-39	0	32.9	-49	0	29.5	-59	0	25.4	-67	0	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Aug 27	39.3	-6	2	38.9	-17	2	37.7	-28	2	35.7	-39	2	33.0	-49	2	29.5	-59	1	25.4	-67	1	20.7	-75	1	15.5	-81	1	9.8	-87	1	3.8	-91	1	-5.3	-94	0	-14.7
Aug 28	39.4	-6	3	39.0	-17	3	37.8	-29	3	35.8	-39	3	33.1	-50	3	29.6	-59	3	25.5	-68	2	20.8	-75	2	15.5	-82	2	9.8	-87	2	3.8	-91	1	-5.4	-94	1	-14.8
Aug 29	39.6	-6	5	39.2	-17	5	38.0	-29	4	36.0	-40	4	33.3	-50	4	29.8	-59	4	25.6	-68	4	20.9	-76	3	15.6	-82	3	9.9	-87	2	3.8	-92	2	-5.4	-95	1	-14.8
Aug 30	40.0	-6	6	39.5	-18	6	38.3	-29	6	36.3	-40	6	33.5	-50	5	30.0	-60	5	25.8	-69	5	21.1	-76	4	15.7	-83	4	10.0	-88	3	3.8	-93	3	-5.4	-96	2	-15.0
Aug 31	40.4	-6	8	40.0	-18	8	38.7	-29	7	36.7	-40	7	33.9	-51	7	30.3	-61	6	26.1	-70	6	21.3	-77	5	15.9	-84	5	10.1	-89	4	3.9	-94	3	-5.5	-97	2	-15.1
Sep 1	40.9	-6	9	40.5	-18	9	39.2	-30	9	37.2	-41	8	34.3	-52	8	30.7	-62	7	26.5	-70	7	21.6	-78	6	16.1	-85	6	10.2	-91	5	3.9	-95	4	-5.6	-98	3	-15.3
Sep 2	41.5	-6	10	41.1	-18	10	39.8	-30	10	37.7	-42	9	34.8	-52	9	31.2	-63	8	26.9	-72	8	21.9	-80	7	16.4	-87	6	10.4	-92	5	4.0	-97	4	-5.6	-100	3	-15.6
Sep 3	42.2	-6	10	41.8	-19	10	40.5	-31	10	38.4	-42	9	35.4	-53	9	31.7	-64	8	27.3	-73	8	22.3	-81	7	16.6	-88	6	10.5	-94	5	4.0	-99	4	-5.7	-102	3	-15.8
Sep 4	42.9	-6	10	42.5	-19	9	41.2	-31	9	39.0	-43	9	36.0	-54	9	32.2	-65	8	27.8	-74	7	22.6	-82	7	16.9	-89	6	10.7	-95	5	4.1	-100	4	-5.8	-103	3	-16.1
Sep 5	43.6	-6	8	43.1	-19	8	41.8	-32	8	39.6	-44	7	36.6	-55	7	32.7	-65	7	28.2	-75	6	23.0	-83	6	17.2	-91	5	10.9	-96	4	4.2	-101	3	-5.9	-105	2	-16.3
Sep 6	44.1	-6	5	43.7	-19	5	42.3	-32	5	40.1	-44	5	37.0	-56	5	33.2	-66	5	28.5	-76	4	23.3	-84	4	17.4	-92	3	11.0	-97	3	4.2	-103	2	-6.0	-106	2	-16.5
Sep 7	44.5	-7	2	44.0	-19	2	42.7	-32	2	40.4	-44	2	37.3	-56	2	33.4	-67	2	28.8	-76	2	23.5	-85	2	17.5	-92	1	11.1	-98	1	4.3	-103	1	-6.0	-106	1	-16.7
Sep 8	44.7	-7	-1	44.2	-19	-1	42.8	-32	-1	40.6	-44	-1	37.5	-56	-1	33.6	-67	-1	28.9	-76	-1	23.5	-85	-1	17.6	-92	-1	11.1	-98	-1	4.3	-103	-1	-6.1	-106	0	-16.7
Sep 9	44.6	-7	-5	44.1	-19	-5	42.7	-32	-4	40.5	-44	-4	37.4	-56	-4	33.5	-66	-4	28.8	-76	-4	23.5	-84	-3	17.6	-92	-3	11.1	-98	-2	4.3	-103	-2	-6.1	-106	-1	-16.7
Sep 10	44.3	-6	-7	43.8	-19	-7	42.4	-32	-7	40.2	-44	-7	37.1	-55	-6	33.3	-66	-6	28.6	-75	-6	23.3	-84	-5	17.4	-91	-4	11.0	-97	-4	4.2	-102	-3	-6.0	-105	-2	-16.6
Sep 11	43.8	-6	-9	43.3	-19	-9	42.0	-31	-9	39.8	-43	-8	36.7	-54	-8	32.9	-65	-7	28.3	-74	-7	23.1	-83	-6	17.2	-90	-5	10.9	-96	-5	4.2	-101	-4	-5.9	-104	-3	-16.4
Sep 12	43.1	-6	-10	42.7	-19	-10	41.4	-31	-9	39.2	-43	-9	36.2	-54	-9	32.4	-64	-8	27.9	-73	-7	22.7	-81	-7	17.0	-88	-6	10.8	-94	-5	4.1	-99	-4	-5.9	-102	-3	-16.2
Sep 13	42.5	-6	-10	42.0	-18	-9	40.7	-30	-9	38.6	-42	-9	35.6	-53	-8	31.9	-63	-8	27.5	-72	-7	22.4	-80	-7	16.7	-87	-6	10.6	-93	-5	4.1	-98	-4	-5.8	-101	-3	-15.9
Sep 14	41.8	-6	-9	41.4	-18	-9	40.1	-30	-9	38.0	-41	-8	35.1	-52	-8	31.4	-62	-7	27.1	-71	-7	22.0	-79	-6	16.5	-86	-5	10.4	-91	-5	4.0	-96	-4	-5.7	-99	-3	-15.7
Sep 15	41.2	-6	-8	40.8	-18	-8	39.5	-30	-8	37.4	-41	-7	34.6	-51	-7	31.0	-61	-6	26.7	-70	-6	21.7	-78	-5	16.2	-85	-5	10.3	-90	-4	3.9	-95	-3	-5.6	-98	-2	-15.4
Sep 16	40.7	-6	-7	40.3	-18	-6	39.0	-29	-6	37.0	-40	-6	34.1	-51	-6	30.6	-60	-5	26.3	-69	-5	21.4	-77	-5	16.0	-84	-4	10.1	-89	-3	3.9	-94	-3	-5.5	-97	-2	-15.2
Sep 17	40.2	-6	-5	39.8	-17	-5	38.6	-29	-5	36.6	-40	-5	33.8	-50	-5	30.2	-60	-4	26.0	-68	-4	21.2	-76	-4	15.9	-83	-3	10.0	-88	-3	3.8	-93	-2	-5.5	-96	-1	-15.1
Sep 18	39.9	-6	-4	39.5	-17	-4	38.2	-29	-4	36.2	-40	-4	33.5	-50	-3	30.0	-59	-3	25.8	-68	-3	21.0	-76	-3	15.7	-82	-2	9.9	-87	-2	3.8	-92	-2	-5.4	-95	-1	-14.9
Sep 19	39.6	-6	-3	39.2	-17	-3	38.0	-28	-3	36.0	-39	-3	33.2	-49	-2	29.8	-59	-2	25.6	-68	-2	20.9	-75	-2	15.6	-82	-2	9.9	-87	-1	3.8	-91	-1	-5.4	-94	-1	-14.8
Sep 20	39.4	-6	-2	39.0	-17	-2	37.8	-28	-2	35.8	-39	-2	33.1	-49	-1	29.6	-59	-1	25.5	-67	-1	20.8	-75	-1	15.5	-81	-1	9.8	-87	-1	3.8	-91	-1	-5.4	-94	0	-14.8
Sep 21	39.3	-6	-1	38.9	-17	-1	37.7	-28	-1	35.7	-39	-1	33.0	-49	-1	29.5	-59	-1	25.4	-67	-1	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Sep 22	39.2	-6	0	38.8	-17	0	37.6	-28	0	35.7	-39	0	32.9	-49	0	29.5	-59	0	25.4	-67	0	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Sep 23	39.3	-6	1	38.9	-17	1	37.7	-28	1	35.7	-39	1	32.9	-49	1	29.5	-59	1	25.4	-67	1	20.7	-75	1	15.5	-81	1	9.8	-86	1	3.8	-91	0	-5.3	-94	0	-14.7
Sep 24	39.3	-6	2	38.9	-17	2	37.7	-28	2	35.7	-39	2	33.0	-49	2	29.6	-59	2	25.5	-67	2	20.7	-75	1	15.5	-81	1	9.8	-87	1	3.8	-91	1	-5.3	-94	1	-14.7
Sep 25	39.5	-6	3	39.1	-17	3	37.9	-29	3	35.9	-39	3	33.1	-50	3	29.7	-59	3	25.5	-68	2	20.8	-75	2	15.6	-82	2	9.9	-87	2	3.8	-92	1	-5.4	-95	1	-14.8
Sep 26	39.7	-6	4	39.3	-17	4	38.1	-29	4	36.1	-40	4	33.3	-50	4	29.8	-59	4	25.7	-68	3	20.9	-76	3	15.6	-82	3	9.9	-88	2	3.8	-92	2	-5.4	-95	1	-14.9
Sep 27	40.0	-6	6	39.6	-18	5	38.4	-29	5	36.4	-40	5	33.6	-50	5	30.1	-60	5	25.9	-69	4	21.1	-76	4	15.8	-83	3	10.0	-88	3	3.8	-93	2	-5.4	-96	2	-15.0
Sep 28	40.4	-6	7	40.0	-18	7	38.7	-29	7	36.7	-40	6	33.9	-51	6	30.3	-61	6	26.1	-69	5	21.3	-77	5	15.9	-84	4	10.1	-89	4	3.9	-94	3	-5.5	-97	2	-15.1
Sep 29	40.9	-6	8	40.4	-18	8	39.2	-30	8	37.1	-41	7	34.3	-52	7	30.7	-61	7	26.4	-70	6	21.5	-78	6	16.1	-85	5	10.2	-90	4	3.9	-95	3	-5.6	-98	2	-15.3
Sep 30	41.4	-6	9	41.0	-18	9	39.7	-30	9	37.6	-41	8	34.7	-52	8	31.1	-62	7	26.8	-71	7	21.8	-79	6	16.3	-86	5	10.3	-92	5	4.0	-97	4	-5.6	-100	3	-15.5
Oct 1	42.0	-6	9	41.6	-19	9	40.3	-31	9	38.2	-42	9	35.3	-53	8	31.6	-63	8	27.2	-72	7	22.2	-81	7	16.6	-87	6	10.5	-93	5	4.0	-98	4	-5.7	-101	3	-15.7
Oct 2	42.7	-6	9	42.2	-19	9	40.9	-31	9	38.8	-43	9	35.8	-54	8	32.1	-64	8	27.6	-74	7	22.5	-82	6	16.8	-89	6	10.6	-95	5	4.1	-99	4	-5.8	-103	3	-16.0
Oct 3	43.3	-6	8	42.9	-19	8	41.5	-31	8	39.4	-43	8	36.3	-55	7	32.5	-65	7	28.0	-75	6	22.8	-83	6	17.1	-90	5	10.8	-96	4	4.1	-101	4	-5.9	-104	2	-16.2

2006 Moon Parallax and Semi-diameter

Lower Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Oct 4	76.8	-6	6	76.3	-19	6	75.0	-32	6	72.8	-44	6	69.7	-55	6	65.9	-66	5	61.3	-75	5	56.0	-84	5	50.2	-91	4	43.8	-97	3	37.1	-102	3	26.9	-105	2	16.4
Oct 5	77.5	-7	4	77.1	-19	4	75.7	-32	4	73.5	-44	3	70.4	-56	3	66.5	-66	3	61.9	-76	3	56.6	-85	3	50.7	-92	2	44.3	-98	2	37.4	-103	2	27.2	-106	1	16.6
Oct 6	78.0	-7	0	77.5	-19	0	76.2	-32	0	73.9	-44	0	70.8	-56	0	66.9	-67	0	62.2	-76	0	56.9	-85	0	51.0	-92	0	44.5	-98	0	37.7	-103	0	27.3	-106	0	16.7
Oct 7	78.0	-7	-3	77.6	-19	-3	76.2	-32	-3	74.0	-44	-3	70.9	-56	-3	66.9	-66	-3	62.3	-76	-2	56.9	-85	-2	51.0	-92	-2	44.5	-98	-2	37.7	-103	-1	27.4	-106	-1	16.7
Oct 8	77.7	-6	-6	77.2	-19	-6	75.8	-32	-6	73.6	-44	-6	70.5	-55	-6	66.6	-66	-5	62.0	-76	-5	56.7	-84	-4	50.8	-91	-4	44.3	-97	-3	37.5	-102	-3	27.2	-105	-2	16.6
Oct 9	76.9	-6	-9	76.5	-19	-8	75.1	-31	-8	72.9	-43	-8	69.8	-55	-8	66.0	-65	-7	61.4	-75	-7	56.1	-83	-6	50.3	-90	-5	43.9	-96	-5	37.1	-101	-4	27.0	-104	-2	16.5
Oct 10	75.9	-6	-10	75.4	-19	-10	74.1	-31	-10	71.9	-43	-9	68.9	-54	-9	65.1	-64	-8	60.6	-74	-8	55.4	-82	-7	49.6	-89	-6	43.3	-95	-5	36.6	-100	-4	26.6	-103	-3	16.2
Oct 11	74.7	-6	-10	74.2	-19	-10	72.9	-31	-10	70.8	-42	-10	67.8	-53	-9	64.1	-63	-8	59.6	-72	-8	54.5	-81	-7	48.8	-87	-6	42.6	-93	-5	36.1	-98	-4	26.2	-101	-3	16.0
Oct 12	73.4	-6	-10	73.0	-18	-10	71.7	-30	-9	69.6	-41	-9	66.7	-52	-9	63.0	-62	-8	58.6	-71	-7	53.6	-79	-7	48.0	-86	-6	41.9	-92	-5	35.5	-96	-4	25.7	-99	-3	15.7
Oct 13	72.3	-6	-9	71.9	-18	-9	70.6	-30	-8	68.5	-41	-8	65.6	-51	-8	62.0	-61	-7	57.7	-70	-7	52.7	-78	-6	47.2	-85	-5	41.3	-90	-5	34.9	-95	-4	25.3	-98	-2	15.5
Oct 14	71.2	-6	-7	70.8	-18	-7	69.6	-29	-7	67.5	-40	-7	64.7	-51	-6	61.1	-60	-6	56.8	-69	-6	52.0	-77	-5	46.6	-84	-4	40.7	-89	-4	34.4	-94	-3	25.0	-97	-2	15.3
Oct 15	70.3	-6	-6	69.9	-17	-6	68.7	-29	-6	66.7	-40	-5	63.9	-50	-5	60.3	-60	-5	56.1	-68	-4	51.3	-76	-4	46.0	-83	-3	40.2	-88	-3	34.0	-93	-2	24.7	-96	-2	15.1
Oct 16	69.7	-6	-4	69.3	-17	-4	68.0	-29	-4	66.0	-39	-4	63.3	-50	-4	59.8	-59	-3	55.6	-68	-3	50.8	-75	-3	45.5	-82	-3	39.8	-87	-2	33.6	-92	-2	24.4	-95	-1	14.9
Oct 17	69.2	-6	-3	68.8	-17	-3	67.6	-28	-2	65.6	-39	-2	62.8	-49	-2	59.3	-59	-2	55.2	-67	-2	50.5	-75	-2	45.2	-82	-2	39.5	-87	-1	33.4	-91	-1	24.3	-94	-1	14.8
Oct 18	68.9	-6	-1	68.5	-17	-1	67.3	-28	-1	65.3	-39	-1	62.5	-49	-1	59.1	-59	-1	55.0	-67	-1	50.3	-75	-1	45.0	-81	-1	39.3	-86	-1	33.3	-91	0	24.1	-94	0	14.7
Oct 19	68.7	-6	0	68.3	-17	0	67.1	-28	0	65.1	-39	0	62.4	-49	0	59.0	-59	0	54.9	-67	0	50.2	-75	0	44.9	-81	0	39.2	-86	0	33.2	-91	0	24.1	-94	0	14.7
Oct 20	68.7	-6	1	68.3	-17	1	67.1	-28	1	65.2	-39	1	62.4	-49	1	59.0	-59	1	54.9	-67	1	50.2	-75	1	44.9	-81	1	39.2	-86	1	33.2	-91	0	24.1	-94	0	14.7
Oct 21	68.9	-6	2	68.5	-17	2	67.3	-28	2	65.3	-39	2	62.5	-49	2	59.1	-59	2	55.0	-67	2	50.3	-75	1	45.0	-81	1	39.3	-87	1	33.3	-91	1	24.1	-94	1	14.7
Oct 22	69.1	-6	3	68.7	-17	3	67.5	-29	3	65.5	-39	3	62.8	-50	3	59.3	-59	2	55.2	-68	2	50.4	-75	2	45.2	-82	2	39.5	-87	2	33.4	-92	1	24.2	-95	1	14.8
Oct 23	69.5	-6	4	69.1	-17	4	67.8	-29	3	65.8	-40	3	63.1	-50	3	59.6	-59	3	55.4	-68	3	50.7	-76	2	45.4	-82	2	39.7	-88	2	33.5	-92	1	24.4	-95	1	14.9
Oct 24	69.9	-6	4	69.5	-18	4	68.3	-29	4	66.3	-40	4	63.5	-50	4	60.0	-60	4	55.8	-69	3	51.0	-76	3	45.7	-83	3	39.9	-88	2	33.8	-93	2	24.5	-96	1	15.0
Oct 25	70.4	-6	5	70.0	-18	5	68.8	-29	5	66.7	-40	5	63.9	-51	4	60.4	-60	4	56.2	-69	4	51.4	-77	3	46.0	-84	3	40.2	-89	3	34.0	-94	2	24.7	-96	1	15.1
Oct 26	71.0	-6	6	70.6	-18	6	69.4	-29	6	67.3	-41	5	64.5	-51	5	60.9	-61	5	56.7	-70	4	51.8	-78	4	46.4	-84	4	40.5	-90	3	34.3	-94	2	24.9	-97	2	15.2
Oct 27	71.7	-6	6	71.3	-18	6	70.0	-30	6	68.0	-41	6	65.1	-52	6	61.5	-62	5	57.2	-70	5	52.3	-78	4	46.9	-85	4	40.9	-91	3	34.6	-95	3	25.1	-98	2	15.4
Oct 28	72.5	-6	7	72.1	-18	7	70.8	-30	7	68.7	-41	7	65.8	-52	6	62.2	-62	6	57.8	-71	5	52.9	-79	5	47.4	-86	4	41.4	-92	4	35.0	-96	3	25.4	-99	2	15.5
Oct 29	73.3	-6	8	72.9	-18	7	71.6	-30	7	69.5	-42	7	66.6	-53	7	62.9	-63	6	58.5	-72	6	53.5	-80	5	47.9	-87	5	41.9	-93	4	35.4	-98	3	25.7	-101	2	15.7
Oct 30	74.2	-6	8	73.8	-19	8	72.5	-31	7	70.4	-42	7	67.4	-54	7	63.7	-64	6	59.3	-73	6	54.2	-81	5	48.5	-88	5	42.4	-94	4	35.8	-99	3	26.0	-102	2	15.9
Oct 31	75.2	-6	7	74.7	-19	7	73.4	-31	7	71.2	-43	7	68.2	-54	6	64.5	-64	6	60.0	-74	5	54.8	-82	5	49.1	-89	4	42.9	-95	4	36.3	-100	3	26.3	-103	2	16.1
Nov 1	76.0	-6	6	75.6	-19	6	74.2	-31	6	72.0	-43	6	69.0	-55	5	65.2	-65	5	60.7	-75	5	55.5	-83	4	49.7	-90	4	43.4	-96	3	36.7	-101	2	26.6	-104	2	16.3
Nov 2	76.7	-6	4	76.3	-19	4	74.9	-32	4	72.7	-44	4	69.7	-55	4	65.8	-66	3	61.2	-75	3	56.0	-84	3	50.1	-91	2	43.8	-97	2	37.0	-102	2	26.9	-105	1	16.4
Nov 3	77.2	-6	1	76.8	-19	1	75.4	-32	1	73.2	-44	1	70.1	-55	1	66.2	-66	1	61.6	-76	1	56.3	-84	1	50.5	-91	1	44.1	-97	1	37.3	-102	1	27.1	-105	0	16.5
Nov 4	77.4	-6	-2	76.9	-19	-1	75.6	-32	-1	73.3	-44	-1	70.3	-55	-1	66.4	-66	-1	61.8	-76	-1	56.5	-84	-1	50.6	-91	-1	44.2	-97	-1	37.4	-102	-1	27.1	-105	0	16.6
Nov 5	77.2	-6	-4	76.7	-19	-4	75.4	-32	-4	73.2	-44	-4	70.1	-55	-4	66.2	-66	-4	61.6	-75	-3	56.3	-84	-3	50.5	-91	-3	44.1	-97	-2	37.3	-102	-2	27.1	-105	-1	16.5
Nov 6	76.7	-6	-7	76.2	-19	-7	74.9	-31	-7	72.7	-43	-6	69.6	-55	-6	65.8	-65	-6	61.2	-75	-5	55.9	-83	-5	50.1	-90	-4	43.8	-96	-4	37.0	-101	-3	26.9	-104	-2	16.4
Nov 7	75.8	-6	-9	75.4	-19	-9	74.1	-31	-8	71.9	-43	-8	68.8	-54	-8	65.0	-64	-7	60.5	-74	-7	55.3	-82	-6	49.6	-89	-5	43.3	-95	-5	36.6	-100	-4	26.6	-103	-2	16.2
Nov 8	74.8	-6	-10	74.3	-19	-9	73.0	-31	-9	70.9	-42	-9	67.9	-53	-8	64.2	-63	-8	59.7	-73	-7	54.6	-81	-7	48.9	-88	-6	42.7	-93	-5	36.1	-98	-4	26.2	-101	-3	16.0
Nov 9	73.6	-6	-10	73.2	-18	-9	71.9	-30	-9	69.8	-42	-9	66.9	-52	-8	63.2	-62	-8	58.8	-71	-7	53.7	-79	-7	48.1	-86	-6	42.0	-92	-5	35.6	-97	-4	25.8	-100	-3	15.8
Nov 10	72.5	-6	-9	72.1	-18	-9	70.8	-30	-9	68.7	-41	-8	65.8	-52	-8	62.2	-61	-7	57.8	-70	-7	52.9	-78	-6	47.4	-85	-5	41.4	-90	-5	35.0	-95	-4	25.4	-98	-3	15.5
Nov 11	71.4	-6	-8	71.0	-18	-8	69.7	-29	-7	67.7	-40	-7	64.8	-51	-7	61.3	-61	-6	57.0	-69	-6	52.1	-77	-5	46.7	-84	-5	40.8	-89	-4	34.5	-94	-3	25.0	-97	-2	15.3
Nov 12	70.5	-6	-6	70.1	-18	-6	68.9	-29	-6	66.8	-40	-6	64.0	-50	-5	60.5	-60	-5	56.3	-69	-5	51.4	-76	-4	46.1	-83	-4	40.2	-88	-3	34.0	-93	-3	24.7	-96	-2	15.1
Nov 13	69.8	-6	-4	69.4	-17	-4	68.1	-29	-4	66.1	-40	-4	63.4	-50	-4	59.9	-59	-4	55.7	-68	-3	50.9	-76	-3	45.6	-82	-3	39.8	-87	-2	33.7	-92	-2	24.5	-95	-1	14.9
Nov 14	69.3	-6	-2	68.9	-17	-2	67.6	-28	-2	65.6	-39	-2	62.9	-50	-2	59.4	-59	-2	55.3	-68	-2	50.5	-75	-2	45.3	-82	-2	39.5	-87	-1	33.4	-91	-1	24.3	-94	-1	14.8
Nov 15	69.0	-6	-1	68.6	-17	-1	67.4	-28	-1	65.4	-39	-1	62.6	-49	-1	59.2	-59	-1	55.0	-67	-1	50.3	-75	-1	45.1	-81	0	39.4	-87	0	33.3	-91	0	24.2	-94	0	14.8
Nov 16	68.9	-6	1	68.5	-17	1	67.3	-28	1	65.3	-39	1	62.5	-49	1	59.1	-59	1	55.0	-67	1	50.3	-75	1	45.0	-81	0	39.3	-87	0	33.3	-91	0	24.1	-94	0	14.7
Nov 17	69.0	-6	2	68.6	-17	2	67.4	-28	2	65.4	-39	2	62.6	-49	2	59.2	-59	2	55.0	-68	2	50.3	-75	1	45.1	-82	1	39.4	-87	1	33.3	-91	1	24.2	-94	1	14.8
Nov 18	69.2	-6	3	68.8	-17	3	67.6	-29	3	65.6	-39	3	62.8	-50	3	59.4	-59	3	55.2	-68	2	50.5	-75	2	45.2	-82	2	39.5	-87	2	33.4	-92	1	24.3	-95	1	14.8

2006 Moon Parallax and Semi-diameter

Upper Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Oct 4	43.9	-6	6	43.4	-19	6	42.1	-32	6	39.9	-44	6	36.8	-55	6	33.0	-66	5	28.4	-75	5	23.1	-84	5	17.3	-91	4	10.9	-97	3	4.2	-102	3	-6.0	-105	2	-16.4
Oct 5	44.3	-7	4	43.9	-19	4	42.5	-32	4	40.3	-44	3	37.2	-56	3	33.3	-66	3	28.7	-76	3	23.4	-85	3	17.5	-92	2	11.1	-98	2	4.2	-103	2	-6.0	-106	1	-16.6
Oct 6	44.6	-7	0	44.1	-19	0	42.8	-32	0	40.5	-44	0	37.4	-56	0	33.5	-67	0	28.8	-76	0	23.5	-85	0	17.6	-92	0	11.1	-98	0	4.3	-103	0	-6.1	-106	0	-16.7
Oct 7	44.6	-7	-3	44.2	-19	-3	42.8	-32	-3	40.5	-44	-3	37.4	-56	-3	33.5	-66	-3	28.9	-76	-2	23.5	-85	-2	17.6	-92	-2	11.1	-98	-2	4.3	-103	-1	-6.1	-106	-1	-16.7
Oct 8	44.4	-6	-6	43.9	-19	-6	42.6	-32	-6	40.3	-44	-6	37.3	-55	-6	33.4	-66	-5	28.7	-76	-5	23.4	-84	-4	17.5	-91	-4	11.1	-97	-3	4.2	-102	-3	-6.0	-105	-2	-16.6
Oct 9	44.0	-6	-9	43.5	-19	-8	42.2	-31	-8	39.9	-43	-8	36.9	-55	-8	33.0	-65	-7	28.4	-75	-7	23.2	-83	-6	17.3	-90	-5	11.0	-96	-5	4.2	-101	-4	-6.0	-104	-2	-16.5
Oct 10	43.4	-6	-10	42.9	-19	-10	41.6	-31	-10	39.4	-43	-9	36.4	-54	-9	32.6	-64	-8	28.1	-74	-8	22.9	-82	-7	17.1	-89	-6	10.8	-95	-5	4.1	-100	-4	-5.9	-103	-3	-16.2
Oct 11	42.7	-6	-10	42.3	-19	-10	40.9	-31	-10	38.8	-42	-10	35.8	-53	-9	32.1	-63	-8	27.6	-72	-8	22.5	-81	-7	16.8	-87	-6	10.7	-93	-5	4.1	-98	-4	-5.8	-101	-3	-16.0
Oct 12	42.0	-6	-10	41.6	-18	-10	40.3	-30	-9	38.2	-41	-9	35.2	-52	-9	31.6	-62	-8	27.2	-71	-7	22.1	-79	-7	16.5	-86	-6	10.5	-92	-5	4.0	-96	-4	-5.7	-99	-3	-15.7
Oct 13	41.3	-6	-9	40.9	-18	-9	39.6	-30	-8	37.5	-41	-8	34.7	-51	-8	31.0	-61	-7	26.7	-70	-7	21.8	-78	-6	16.3	-85	-5	10.3	-90	-5	3.9	-95	-4	-5.6	-98	-2	-15.5
Oct 14	40.7	-6	-7	40.3	-18	-7	39.1	-29	-7	37.0	-40	-7	34.2	-51	-6	30.6	-60	-6	26.3	-69	-6	21.5	-77	-5	16.0	-84	-4	10.2	-89	-4	3.9	-94	-3	-5.5	-97	-2	-15.3
Oct 15	40.2	-6	-6	39.8	-17	-6	38.6	-29	-6	36.5	-40	-5	33.7	-50	-5	30.2	-60	-5	26.0	-68	-4	21.2	-76	-4	15.8	-83	-3	10.0	-88	-3	3.8	-93	-2	-5.5	-96	-2	-15.1
Oct 16	39.8	-6	-4	39.4	-17	-4	38.2	-29	-4	36.2	-39	-4	33.4	-50	-4	29.9	-59	-3	25.8	-68	-3	21.0	-75	-3	15.7	-82	-3	9.9	-87	-2	3.8	-92	-2	-5.4	-95	-1	-14.9
Oct 17	39.5	-6	-3	39.1	-17	-3	37.9	-28	-2	35.9	-39	-2	33.2	-49	-2	29.7	-59	-2	25.6	-67	-2	20.8	-75	-2	15.6	-82	-2	9.9	-87	-1	3.8	-91	-1	-5.4	-94	-1	-14.8
Oct 18	39.4	-6	-1	39.0	-17	-1	37.8	-28	-1	35.8	-39	-1	33.0	-49	-1	29.6	-59	-1	25.5	-67	-1	20.8	-75	-1	15.5	-81	-1	9.8	-86	-1	3.8	-91	0	-5.3	-94	0	-14.7
Oct 19	39.3	-6	0	38.9	-17	0	37.7	-28	0	35.7	-39	0	33.0	-49	0	29.5	-59	0	25.4	-67	0	20.7	-75	0	15.5	-81	0	9.8	-86	0	3.8	-91	0	-5.3	-94	0	-14.7
Oct 20	39.3	-6	1	38.9	-17	1	37.7	-28	1	35.7	-39	1	33.0	-49	1	29.5	-59	1	25.4	-67	1	20.7	-75	1	15.5	-81	1	9.8	-86	1	3.8	-91	0	-5.3	-94	0	-14.7
Oct 21	39.4	-6	2	39.0	-17	2	37.8	-28	2	35.8	-39	2	33.0	-49	2	29.6	-59	2	25.5	-67	2	20.8	-75	1	15.5	-81	1	9.8	-87	1	3.8	-91	1	-5.4	-94	1	-14.7
Oct 22	39.5	-6	3	39.1	-17	3	37.9	-29	3	35.9	-39	3	33.2	-50	3	29.7	-59	2	25.6	-68	2	20.8	-75	2	15.6	-82	2	9.9	-87	2	3.8	-92	1	-5.4	-95	1	-14.8
Oct 23	39.7	-6	4	39.3	-17	4	38.1	-29	3	36.1	-40	3	33.3	-50	3	29.8	-59	3	25.7	-68	3	20.9	-76	2	15.7	-82	2	9.9	-88	2	3.8	-92	1	-5.4	-95	1	-14.9
Oct 24	40.0	-6	4	39.6	-18	4	38.3	-29	4	36.3	-40	4	33.5	-50	4	30.0	-60	4	25.9	-69	3	21.1	-76	3	15.7	-83	3	10.0	-88	2	3.8	-93	2	-5.4	-96	1	-15.0
Oct 25	40.3	-6	5	39.8	-18	5	38.6	-29	5	36.6	-40	5	33.8	-51	4	30.2	-60	4	26.0	-69	4	21.2	-77	3	15.9	-84	3	10.0	-89	3	3.8	-94	2	-5.5	-96	1	-15.1
Oct 26	40.6	-6	6	40.2	-18	6	38.9	-29	6	36.9	-41	5	34.1	-51	5	30.5	-61	5	26.3	-70	4	21.4	-78	4	16.0	-84	4	10.1	-90	3	3.9	-94	2	-5.5	-97	2	-15.2
Oct 27	41.0	-6	6	40.6	-18	6	39.3	-30	6	37.2	-41	6	34.4	-52	6	30.8	-62	5	26.5	-70	5	21.6	-78	4	16.2	-85	4	10.2	-91	3	3.9	-95	3	-5.6	-98	2	-15.4
Oct 28	41.4	-6	7	41.0	-18	7	39.7	-30	7	37.7	-41	7	34.8	-52	6	31.1	-62	6	26.8	-71	5	21.8	-79	5	16.3	-86	4	10.3	-92	4	4.0	-96	3	-5.6	-99	2	-15.5
Oct 29	41.9	-6	8	41.5	-18	7	40.2	-30	7	38.1	-42	7	35.2	-53	7	31.5	-63	6	27.1	-72	6	22.1	-80	5	16.5	-87	5	10.5	-93	4	4.0	-98	3	-5.7	-101	2	-15.7
Oct 30	42.4	-6	8	42.0	-19	8	40.7	-31	7	38.6	-42	7	35.6	-54	7	31.9	-64	6	27.5	-73	6	22.4	-81	5	16.7	-88	5	10.6	-94	4	4.1	-99	3	-5.8	-102	2	-15.9
Oct 31	43.0	-6	7	42.5	-19	7	41.2	-31	7	39.0	-43	7	36.1	-54	6	32.3	-64	6	27.8	-74	5	22.7	-82	5	16.9	-89	4	10.7	-95	4	4.1	-100	3	-5.8	-103	2	-16.1
Nov 1	43.5	-6	6	43.0	-19	6	41.7	-31	6	39.5	-43	6	36.5	-55	5	32.7	-65	5	28.1	-75	5	22.9	-83	4	17.1	-90	4	10.8	-96	3	4.2	-101	2	-5.9	-104	2	-16.3
Nov 2	43.9	-6	4	43.4	-19	4	42.1	-32	4	39.9	-44	4	36.8	-55	4	33.0	-66	3	28.4	-75	3	23.1	-84	3	17.3	-91	2	10.9	-97	2	4.2	-102	2	-6.0	-105	1	-16.4
Nov 3	44.1	-6	1	43.7	-19	1	42.3	-32	1	40.1	-44	1	37.0	-55	1	33.2	-66	1	28.6	-76	1	23.3	-84	1	17.4	-91	1	11.0	-97	1	4.2	-102	1	-6.0	-105	0	-16.5
Nov 4	44.2	-6	-2	43.8	-19	-1	42.4	-32	-1	40.2	-44	-1	37.1	-55	-1	33.2	-66	-1	28.6	-76	-1	23.3	-84	-1	17.4	-91	-1	11.0	-97	-1	4.2	-102	-1	-6.0	-105	0	-16.6
Nov 5	44.1	-6	-4	43.7	-19	-4	42.3	-32	-4	40.1	-44	-4	37.0	-55	-4	33.2	-66	-4	28.5	-75	-3	23.3	-84	-3	17.4	-91	-3	11.0	-97	-2	4.2	-102	-2	-6.0	-105	-1	-16.5
Nov 6	43.8	-6	-7	43.4	-19	-7	42.0	-31	-7	39.8	-43	-6	36.8	-55	-6	32.9	-65	-6	28.4	-75	-5	23.1	-83	-5	17.3	-90	-4	10.9	-96	-4	4.2	-101	-3	-6.0	-104	-2	-16.4
Nov 7	43.3	-6	-9	42.9	-19	-9	41.6	-31	-8	39.4	-43	-8	36.4	-54	-8	32.6	-64	-7	28.0	-74	-7	22.9	-82	-6	17.1	-89	-5	10.8	-95	-5	4.1	-100	-4	-5.9	-103	-2	-16.2
Nov 8	42.8	-6	-10	42.3	-19	-9	41.0	-31	-9	38.8	-42	-9	35.9	-53	-8	32.1	-63	-8	27.7	-73	-7	22.5	-81	-7	16.8	-88	-6	10.7	-93	-5	4.1	-98	-4	-5.8	-101	-3	-16.0
Nov 9	42.1	-6	-10	41.7	-18	-9	40.4	-30	-9	38.2	-42	-9	35.3	-52	-8	31.6	-62	-8	27.2	-71	-7	22.2	-79	-7	16.6	-86	-6	10.5	-92	-5	4.0	-97	-4	-5.7	-100	-3	-15.8
Nov 10	41.4	-6	-9	41.0	-18	-9	39.7	-30	-9	37.7	-41	-8	34.8	-52	-8	31.1	-61	-7	26.8	-70	-7	21.8	-78	-6	16.3	-85	-5	10.3	-90	-5	4.0	-95	-4	-5.6	-98	-3	-15.5
Nov 11	40.8	-6	-8	40.4	-18	-8	39.2	-29	-7	37.1	-40	-7	34.3	-51	-7	30.7	-61	-6	26.4	-69	-6	21.5	-77	-5	16.1	-84	-5	10.2	-89	-4	3.9	-94	-3	-5.5	-97	-2	-15.3
Nov 12	40.3	-6	-6	39.9	-18	-6	38.7	-29	-6	36.6	-40	-6	33.8	-50	-5	30.3	-60	-5	26.1	-69	-5	21.2	-76	-4	15.9	-83	-4	10.1	-88	-3	3.9	-93	-3	-5.5	-96	-2	-15.1
Nov 13	39.9	-6	-4	39.5	-17	-4	38.3	-29	-4	36.2	-40	-4	33.5	-50	-4	30.0	-59	-4	25.8	-68	-3	21.0	-76	-3	15.7	-82	-3	10.0	-87	-2	3.8	-92	-2	-5.4	-95	-1	-14.9
Nov 14	39.6	-6	-2	39.2	-17	-2	38.0	-28	-2	36.0	-39	-2	33.2	-50	-2	29.8	-59	-2	25.6	-68	-2	20.9	-75	-2	15.6	-82	-2	9.9	-87	-1	3.8	-91	-1	-5.4	-94	-1	-14.8
Nov 15	39.4	-6	-1	39.0	-17	-1	37.8	-28	-1	35.8	-39	-1	33.1	-49	-1	29.6	-59	-1	25.5	-67	-1	20.8	-75	-1	15.5	-81	0	9.8	-87	0	3.8	-91	0	-5.4	-94	0	-14.8
Nov 16	39.4	-6	1	39.0	-17	1	37.8	-28	1	35.8	-39	1	33.0	-49	1	29.6	-59	1	25.5	-67	1	20.8	-75	1	15.5	-81	0	9.8	-87	0	3.8	-91	0	-5.3	-94	0	-14.7
Nov 17	39.4	-6	2	39.0	-17	2	37.8	-28	2	35.8	-39	2	33.1	-49	2	29.6	-59	2	25.5	-68	2	20.8	-75	1	15.5	-82	1	9.8	-87	1	3.8	-91	1	-5.4	-94	1	-14.8
Nov 18	39.6	-6	3	39.2	-17	3	38.0	-29	3	36.0	-39	3	33.2	-50	3	29.7	-59	3	25.6	-68	2	20.9	-75	2	15.6	-82	2	9.9	-87	2	3.8	-92	1	-5.4	-95	1	-14.8

2006 Moon Parallax and Semi-diameter

Lower Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Nov 19	69.6	-6	4	69.2	-17	4	68.0	-29	4	66.0	-40	4	63.2	-50	4	59.7	-60	3	55.5	-68	3	50.8	-76	3	45.5	-82	2	39.7	-88	2	33.6	-92	2	24.4	-95	1	14.9
Nov 20	70.1	-6	5	69.7	-18	4	68.4	-29	4	66.4	-40	4	63.6	-50	4	60.1	-60	4	55.9	-69	3	51.1	-77	3	45.8	-83	3	40.0	-88	2	33.8	-93	2	24.6	-96	1	15.0
Nov 21	70.6	-6	5	70.2	-18	5	69.0	-29	5	66.9	-40	5	64.1	-51	4	60.6	-61	4	56.4	-69	4	51.5	-77	3	46.2	-84	3	40.3	-89	3	34.1	-94	2	24.8	-97	1	15.1
Nov 22	71.2	-6	5	70.8	-18	5	69.5	-29	5	67.5	-41	5	64.7	-51	4	61.1	-61	4	56.8	-70	4	52.0	-78	3	46.5	-84	3	40.7	-90	3	34.4	-95	2	25.0	-98	1	15.2
Nov 23	71.8	-6	5	71.4	-18	5	70.1	-30	5	68.1	-41	5	65.2	-52	5	61.6	-62	4	57.3	-71	4	52.4	-78	4	46.9	-85	3	41.0	-91	3	34.7	-95	2	25.2	-98	1	15.4
Nov 24	72.4	-6	5	72.0	-18	5	70.7	-30	5	68.6	-41	5	65.8	-52	5	62.1	-62	4	57.8	-71	4	52.8	-79	4	47.3	-86	3	41.3	-91	3	35.0	-96	2	25.4	-99	1	15.5
Nov 25	73.0	-6	5	72.6	-18	5	71.3	-30	5	69.2	-42	5	66.3	-53	5	62.7	-63	4	58.3	-72	4	53.3	-80	4	47.7	-87	3	41.7	-92	3	35.3	-97	2	25.6	-100	1	15.6
Nov 26	73.7	-6	5	73.2	-18	5	71.9	-30	5	69.8	-42	5	66.9	-53	4	63.2	-63	4	58.8	-72	4	53.7	-80	3	48.1	-87	3	42.1	-93	3	35.6	-98	2	25.8	-101	1	15.8
Nov 27	74.3	-6	5	73.8	-19	5	72.5	-31	5	70.4	-42	5	67.4	-53	4	63.7	-64	4	59.3	-73	4	54.2	-81	3	48.5	-88	3	42.4	-94	3	35.9	-99	2	26.0	-102	1	15.9
Nov 28	74.8	-6	4	74.4	-19	4	73.1	-31	4	70.9	-43	4	68.0	-54	4	64.2	-64	4	59.7	-73	3	54.6	-82	3	48.9	-89	3	42.7	-94	2	36.1	-99	2	26.2	-103	1	16.0
Nov 29	75.4	-6	4	74.9	-19	4	73.6	-31	4	71.4	-43	3	68.4	-54	3	64.7	-65	3	60.2	-74	3	55.0	-82	3	49.3	-89	2	43.0	-95	2	36.4	-100	2	26.4	-103	1	16.1
Nov 30	75.8	-6	3	75.4	-19	3	74.1	-31	2	71.9	-43	2	68.9	-54	2	65.1	-65	2	60.5	-74	2	55.3	-83	2	49.6	-90	2	43.3	-96	1	36.6	-101	1	26.6	-104	1	16.2
Dec 1	76.1	-6	1	75.7	-19	1	74.4	-31	1	72.2	-43	1	69.1	-55	1	65.3	-65	1	60.8	-74	1	55.6	-83	1	49.8	-90	1	43.5	-96	0	36.8	-101	0	26.7	-104	0	16.3
Dec 2	76.2	-6	-1	75.8	-19	-1	74.5	-31	-1	72.3	-43	-1	69.2	-55	-1	65.4	-65	-1	60.9	-74	-1	55.6	-83	-1	49.8	-90	-1	43.5	-96	-1	36.8	-101	0	26.7	-104	0	16.3
Dec 3	76.1	-6	-3	75.7	-19	-3	74.4	-31	-3	72.2	-43	-3	69.1	-54	-3	65.3	-65	-3	60.8	-74	-2	55.5	-83	-2	49.8	-90	-2	43.5	-95	-2	36.8	-100	-1	26.7	-104	-1	16.3
Dec 4	75.8	-6	-5	75.3	-19	-5	74.0	-31	-5	71.8	-43	-5	68.8	-54	-5	65.0	-64	-4	60.5	-74	-4	55.3	-82	-4	49.5	-89	-3	43.2	-95	-3	36.6	-100	-2	26.6	-103	-1	16.2
Dec 5	75.1	-6	-7	74.7	-19	-7	73.4	-31	-7	71.2	-42	-6	68.2	-54	-6	64.5	-64	-6	60.0	-73	-5	54.8	-81	-5	49.1	-88	-4	42.9	-94	-4	36.3	-99	-3	26.3	-102	-2	16.1
Dec 6	74.3	-6	-8	73.9	-18	-8	72.6	-30	-8	70.4	-42	-7	67.5	-53	-7	63.8	-63	-7	59.3	-72	-6	54.2	-80	-5	48.6	-87	-5	42.4	-93	-4	35.9	-98	-3	26.1	-101	-2	15.9
Dec 7	73.4	-6	-8	72.9	-18	-8	71.7	-30	-8	69.5	-41	-8	66.6	-52	-7	62.9	-62	-7	58.6	-71	-6	53.5	-79	-6	48.0	-86	-5	41.9	-92	-4	35.4	-96	-3	25.7	-99	-2	15.7
Dec 8	72.4	-6	-8	72.0	-18	-8	70.7	-30	-8	68.6	-41	-7	65.7	-52	-7	62.1	-61	-7	57.8	-70	-6	52.8	-78	-6	47.3	-85	-5	41.3	-90	-4	35.0	-95	-3	25.4	-98	-2	15.5
Dec 9	71.4	-6	-7	71.0	-18	-7	69.8	-29	-7	67.7	-40	-7	64.9	-51	-6	61.3	-61	-6	57.0	-69	-5	52.1	-77	-5	46.7	-84	-4	40.8	-89	-4	34.5	-94	-3	25.0	-97	-2	15.3
Dec 10	70.6	-6	-6	70.2	-18	-6	68.9	-29	-6	66.9	-40	-5	64.1	-50	-5	60.5	-60	-5	56.3	-69	-4	51.5	-76	-4	46.1	-83	-4	40.3	-88	-3	34.1	-93	-2	24.7	-96	-2	15.1
Dec 11	69.9	-6	-4	69.5	-17	-4	68.2	-29	-4	66.2	-40	-4	63.4	-50	-4	59.9	-59	-3	55.8	-68	-3	51.0	-76	-3	45.7	-82	-3	39.9	-88	-2	33.7	-92	-2	24.5	-95	-1	15.0
Dec 12	69.4	-6	-2	69.0	-17	-2	67.7	-29	-2	65.7	-39	-2	63.0	-50	-2	59.5	-59	-2	55.4	-68	-2	50.6	-75	-2	45.3	-82	-1	39.6	-87	-1	33.5	-92	-1	24.3	-94	-1	14.9
Dec 13	69.1	-6	-1	68.7	-17	-1	67.5	-28	-1	65.5	-39	0	62.7	-49	0	59.3	-59	0	55.1	-68	0	50.4	-75	0	45.1	-82	0	39.4	-87	0	33.4	-91	0	24.2	-94	0	14.8
Dec 14	69.0	-6	1	68.6	-17	1	67.4	-28	1	65.4	-39	1	62.7	-49	1	59.2	-59	1	55.1	-68	1	50.4	-75	1	45.1	-82	1	39.4	-87	1	33.3	-91	1	24.2	-94	0	14.8
Dec 15	69.2	-6	3	68.8	-17	3	67.5	-29	3	65.5	-39	3	62.8	-50	3	59.3	-59	2	55.2	-68	2	50.5	-75	2	45.2	-82	2	39.5	-87	2	33.4	-92	1	24.2	-95	1	14.8
Dec 16	69.5	-6	4	69.1	-17	4	67.9	-29	4	65.9	-40	4	63.1	-50	4	59.6	-60	4	55.5	-68	3	50.7	-76	3	45.4	-82	3	39.7	-88	2	33.6	-92	2	24.4	-95	1	14.9
Dec 17	70.0	-6	5	69.6	-18	5	68.4	-29	5	66.4	-40	5	63.6	-50	5	60.1	-60	4	55.9	-69	4	51.1	-77	4	45.8	-83	3	40.0	-88	3	33.8	-93	2	24.5	-96	2	15.0
Dec 18	70.7	-6	6	70.3	-18	6	69.0	-29	6	67.0	-40	6	64.2	-51	5	60.6	-61	5	56.4	-69	5	51.6	-77	4	46.2	-84	4	40.3	-89	3	34.1	-94	3	24.8	-97	2	15.1
Dec 19	71.4	-6	6	71.0	-18	6	69.7	-30	6	67.7	-41	6	64.8	-51	6	61.2	-61	5	57.0	-70	5	52.1	-78	4	46.7	-85	4	40.8	-90	3	34.5	-95	3	25.0	-98	2	15.3
Dec 20	72.1	-6	6	71.7	-18	6	70.5	-30	6	68.4	-41	6	65.5	-52	5	61.9	-62	5	57.6	-71	5	52.6	-79	4	47.1	-86	4	41.2	-91	3	34.8	-96	3	25.3	-99	2	15.4
Dec 21	72.9	-6	6	72.4	-18	5	71.2	-30	5	69.1	-42	5	66.2	-52	5	62.5	-62	5	58.2	-72	4	53.2	-80	4	47.6	-86	3	41.6	-92	3	35.2	-97	2	25.5	-100	2	15.6
Dec 22	73.5	-6	5	73.1	-18	5	71.8	-30	5	69.7	-42	4	66.8	-53	4	63.1	-63	4	58.7	-72	4	53.7	-80	3	48.1	-87	3	42.0	-93	2	35.5	-98	2	25.8	-101	1	15.7
Dec 23	74.1	-6	4	73.7	-19	4	72.4	-31	4	70.2	-42	4	67.3	-53	3	63.6	-63	3	59.1	-73	3	54.1	-81	3	48.4	-88	2	42.3	-93	2	35.8	-98	2	26.0	-101	1	15.9
Dec 24	74.6	-6	3	74.1	-19	3	72.8	-31	3	70.7	-42	3	67.7	-54	3	64.0	-64	2	59.5	-73	2	54.4	-81	2	48.7	-88	2	42.6	-94	2	36.0	-99	1	26.1	-102	1	16.0
Dec 25	74.9	-6	2	74.5	-19	2	73.2	-31	2	71.0	-43	2	68.0	-54	2	64.3	-64	2	59.8	-73	2	54.7	-82	1	49.0	-89	1	42.8	-94	1	36.2	-99	1	26.3	-102	1	16.0
Dec 26	75.1	-6	1	74.7	-19	1	73.4	-31	1	71.2	-43	1	68.2	-54	1	64.5	-64	1	60.0	-74	1	54.8	-82	1	49.1	-89	1	42.9	-95	1	36.3	-100	1	26.3	-103	0	16.1
Dec 27	75.3	-6	0	74.8	-19	0	73.5	-31	0	71.4	-43	0	68.4	-54	0	64.6	-64	0	60.1	-74	0	54.9	-82	0	49.2	-89	0	43.0	-95	0	36.4	-100	0	26.4	-103	0	16.1
Dec 28	75.3	-6	0	74.9	-19	0	73.6	-31	0	71.4	-43	0	68.4	-54	0	64.6	-64	0	60.1	-74	0	55.0	-82	0	49.2	-89	0	43.0	-95	0	36.4	-100	0	26.4	-103	0	16.1
Dec 29	75.3	-6	-1	74.9	-19	-1	73.5	-31	-1	71.4	-43	-1	68.4	-54	-1	64.6	-64	-1	60.1	-74	-1	54.9	-82	-1	49.2	-89	-1	43.0	-95	-1	36.4	-100	0	26.4	-103	0	16.1
Dec 30	75.2	-6	-2	74.7	-19	-2	73.4	-31	-2	71.2	-43	-2	68.2	-54	-2	64.5	-64	-2	60.0	-73	-2	54.8	-82	-1	49.1	-89	-1	42.9	-94	-1	36.3	-99	-1	26.3	-102	-1	16.1
Dec 31	74.9	-6	-3	74.5	-19	-3	73.2	-31	-3	71.0	-42	-3	68.0	-54	-3	64.3	-64	-3	59.8	-73	-2	54.7	-81	-2	49.0	-88	-2	42.8	-94	-2	36.2	-99	-1	26.3	-102	-1	16.0
Jan 1	74.5	-6	-4	74.1	-19	-4	72.8	-31	-4	70.6	-42	-4	67.7	-53	-4	63.9	-63	-4	59.5	-73	-3	54.4	-81	-3	48.7	-88	-3	42.5	-94	-2	36.0	-98	-2	26.1	-102	-1	16.0

2006 Moon Parallax and Semi-diameter

Upper Limb

Altitude degrees

	0			7			14			21			28			35			42			49			56			63			70			80			90
	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'	a	t	'
Nov 19	39.8	-6	4	39.4	-17	4	38.2	-29	4	36.2	-40	4	33.4	-50	4	29.9	-60	3	25.7	-68	3	21.0	-76	3	15.7	-82	2	9.9	-88	2	3.8	-92	2	-5.4	-95	1	-14.9
Nov 20	40.1	-6	5	39.7	-18	4	38.4	-29	4	36.4	-40	4	33.6	-50	4	30.1	-60	4	25.9	-69	3	21.1	-77	3	15.8	-83	3	10.0	-88	2	3.8	-93	2	-5.4	-96	1	-15.0
Nov 21	40.4	-6	5	40.0	-18	5	38.7	-29	5	36.7	-40	5	33.9	-51	4	30.3	-61	4	26.1	-69	4	21.3	-77	3	15.9	-84	3	10.1	-89	3	3.9	-94	2	-5.5	-97	1	-15.1
Nov 22	40.7	-6	5	40.3	-18	5	39.0	-29	5	37.0	-41	5	34.2	-51	4	30.6	-61	4	26.3	-70	4	21.5	-78	3	16.0	-84	3	10.2	-90	3	3.9	-95	2	-5.5	-98	1	-15.2
Nov 23	41.1	-6	5	40.6	-18	5	39.4	-30	5	37.3	-41	5	34.4	-52	5	30.8	-62	4	26.6	-71	4	21.6	-78	4	16.2	-85	3	10.2	-91	3	3.9	-95	2	-5.6	-98	1	-15.4
Nov 24	41.4	-6	5	41.0	-18	5	39.7	-30	5	37.6	-41	5	34.7	-52	5	31.1	-62	4	26.8	-71	4	21.8	-79	4	16.3	-86	3	10.3	-91	3	4.0	-96	2	-5.6	-99	1	-15.5
Nov 25	41.8	-6	5	41.3	-18	5	40.1	-30	5	37.9	-42	5	35.0	-53	5	31.4	-63	4	27.0	-72	4	22.0	-80	4	16.5	-87	3	10.4	-92	3	4.0	-97	2	-5.7	-100	1	-15.6
Nov 26	42.1	-6	5	41.7	-18	5	40.4	-30	5	38.3	-42	5	35.3	-53	4	31.6	-63	4	27.2	-72	4	22.2	-80	3	16.6	-87	3	10.5	-93	3	4.0	-98	2	-5.7	-101	1	-15.8
Nov 27	42.5	-6	5	42.0	-19	5	40.7	-31	5	38.6	-42	5	35.6	-53	4	31.9	-64	4	27.5	-73	4	22.4	-81	3	16.7	-88	3	10.6	-94	3	4.1	-99	2	-5.8	-102	1	-15.9
Nov 28	42.8	-6	4	42.4	-19	4	41.0	-31	4	38.9	-43	4	35.9	-54	4	32.2	-64	4	27.7	-73	3	22.6	-82	3	16.9	-89	3	10.7	-94	2	4.1	-99	2	-5.8	-103	1	-16.0
Nov 29	43.1	-6	4	42.7	-19	4	41.3	-31	4	39.2	-43	3	36.2	-54	3	32.4	-65	3	27.9	-74	3	22.7	-82	3	17.0	-89	2	10.8	-95	2	4.1	-100	2	-5.9	-103	1	-16.1
Nov 30	43.3	-6	3	42.9	-19	3	41.6	-31	2	39.4	-43	2	36.4	-54	2	32.6	-65	2	28.0	-74	2	22.9	-83	2	17.1	-90	2	10.8	-96	1	4.1	-101	1	-5.9	-104	1	-16.2
Dec 1	43.5	-6	1	43.1	-19	1	41.7	-31	1	39.6	-43	1	36.5	-55	1	32.7	-65	1	28.2	-74	1	22.9	-83	1	17.2	-90	1	10.9	-96	0	4.2	-101	0	-5.9	-104	0	-16.3
Dec 2	43.6	-6	-1	43.1	-19	-1	41.8	-31	-1	39.6	-43	-1	36.6	-55	-1	32.8	-65	-1	28.2	-74	-1	23.0	-83	-1	17.2	-90	-1	10.9	-96	-1	4.2	-101	0	-5.9	-104	0	-16.3
Dec 3	43.5	-6	-3	43.1	-19	-3	41.7	-31	-3	39.5	-43	-3	36.5	-54	-3	32.7	-65	-3	28.2	-74	-2	22.9	-83	-2	17.2	-90	-2	10.9	-95	-2	4.2	-100	-1	-5.9	-104	-1	-16.3
Dec 4	43.3	-6	-5	42.9	-19	-5	41.5	-31	-5	39.4	-43	-5	36.3	-54	-5	32.5	-64	-4	28.0	-74	-4	22.8	-82	-4	17.1	-89	-3	10.8	-95	-3	4.1	-100	-2	-5.9	-103	-1	-16.2
Dec 5	43.0	-6	-7	42.5	-19	-7	41.2	-31	-7	39.0	-42	-6	36.0	-54	-6	32.3	-64	-6	27.8	-73	-5	22.6	-81	-5	16.9	-88	-4	10.7	-94	-4	4.1	-99	-3	-5.8	-102	-2	-16.1
Dec 6	42.5	-6	-8	42.1	-18	-8	40.8	-30	-8	38.6	-42	-7	35.7	-53	-7	31.9	-63	-7	27.5	-72	-6	22.4	-80	-5	16.7	-87	-5	10.6	-93	-4	4.1	-98	-3	-5.8	-101	-2	-15.9
Dec 7	41.9	-6	-8	41.5	-18	-8	40.2	-30	-8	38.1	-41	-8	35.2	-52	-7	31.5	-62	-7	27.1	-71	-6	22.1	-79	-6	16.5	-86	-5	10.5	-92	-4	4.0	-96	-3	-5.7	-99	-2	-15.7
Dec 8	41.4	-6	-8	41.0	-18	-8	39.7	-30	-8	37.6	-41	-7	34.7	-52	-7	31.1	-61	-7	26.8	-70	-6	21.8	-78	-6	16.3	-85	-5	10.3	-90	-4	4.0	-95	-3	-5.6	-98	-2	-15.5
Dec 9	40.8	-6	-7	40.4	-18	-7	39.2	-29	-7	37.1	-40	-7	34.3	-51	-6	30.7	-61	-6	26.4	-69	-5	21.5	-77	-5	16.1	-84	-4	10.2	-89	-4	3.9	-94	-3	-5.5	-97	-2	-15.3
Dec 10	40.3	-6	-6	39.9	-18	-6	38.7	-29	-6	36.7	-40	-5	33.9	-50	-5	30.3	-60	-5	26.1	-69	-4	21.3	-76	-4	15.9	-83	-4	10.1	-88	-3	3.9	-93	-2	-5.5	-96	-2	-15.1
Dec 11	39.9	-6	-4	39.5	-17	-4	38.3	-29	-4	36.3	-40	-4	33.5	-50	-4	30.0	-59	-3	25.8	-68	-3	21.1	-76	-3	15.7	-82	-3	10.0	-88	-2	3.8	-92	-2	-5.4	-95	-1	-15.0
Dec 12	39.7	-6	-2	39.2	-17	-2	38.0	-29	-2	36.0	-39	-2	33.3	-50	-2	29.8	-59	-2	25.7	-68	-2	20.9	-75	-2	15.6	-82	-1	9.9	-87	-1	3.8	-92	-1	-5.4	-94	-1	-14.9
Dec 13	39.5	-6	-1	39.1	-17	-1	37.9	-28	-1	35.9	-39	0	33.1	-49	0	29.7	-59	0	25.5	-68	0	20.8	-75	0	15.6	-82	0	9.9	-87	0	3.8	-91	0	-5.4	-94	0	-14.8
Dec 14	39.4	-6	1	39.0	-17	1	37.8	-28	1	35.8	-39	1	33.1	-49	1	29.6	-59	1	25.5	-68	1	20.8	-75	1	15.5	-82	1	9.8	-87	1	3.8	-91	1	-5.4	-94	0	-14.8
Dec 15	39.5	-6	3	39.1	-17	3	37.9	-29	3	35.9	-39	3	33.2	-50	3	29.7	-59	2	25.6	-68	2	20.8	-75	2	15.6	-82	2	9.9	-87	2	3.8	-92	1	-5.4	-95	1	-14.8
Dec 16	39.7	-6	4	39.3	-17	4	38.1	-29	4	36.1	-40	4	33.3	-50	4	29.9	-60	4	25.7	-68	3	21.0	-76	3	15.7	-82	3	9.9	-88	2	3.8	-92	2	-5.4	-95	1	-14.9
Dec 17	40.0	-6	5	39.6	-18	5	38.4	-29	5	36.4	-40	5	33.6	-50	5	30.1	-60	4	25.9	-69	4	21.1	-77	4	15.8	-83	3	10.0	-88	3	3.8	-93	2	-5.4	-96	2	-15.0
Dec 18	40.4	-6	6	40.0	-18	6	38.8	-29	6	36.7	-40	6	33.9	-51	5	30.4	-61	5	26.1	-69	5	21.3	-77	4	15.9	-84	4	10.1	-89	3	3.9	-94	3	-5.5	-97	2	-15.1
Dec 19	40.8	-6	6	40.4	-18	6	39.1	-30	6	37.1	-41	6	34.2	-51	6	30.7	-61	5	26.4	-70	5	21.5	-78	4	16.1	-85	4	10.2	-90	3	3.9	-95	3	-5.5	-98	2	-15.3
Dec 20	41.2	-6	6	40.8	-18	6	39.6	-30	6	37.5	-41	6	34.6	-52	5	31.0	-62	5	26.7	-71	5	21.7	-79	4	16.3	-86	4	10.3	-91	3	3.9	-96	3	-5.6	-99	2	-15.4
Dec 21	41.7	-6	6	41.2	-18	5	40.0	-30	5	37.9	-42	5	35.0	-52	5	31.3	-62	5	26.9	-72	4	22.0	-80	4	16.4	-86	3	10.4	-92	3	4.0	-97	2	-5.7	-100	2	-15.6
Dec 22	42.0	-6	5	41.6	-18	5	40.3	-30	5	38.2	-42	4	35.3	-53	4	31.6	-63	4	27.2	-72	4	22.2	-80	3	16.6	-87	3	10.5	-93	2	4.0	-98	2	-5.7	-101	1	-15.7
Dec 23	42.4	-6	4	41.9	-19	4	40.6	-31	4	38.5	-42	4	35.5	-53	3	31.8	-63	3	27.4	-73	3	22.3	-81	3	16.7	-88	2	10.6	-93	2	4.0	-98	2	-5.8	-101	1	-15.9
Dec 24	42.6	-6	3	42.2	-19	3	40.9	-31	3	38.7	-42	3	35.8	-54	3	32.0	-64	2	27.6	-73	2	22.5	-81	2	16.8	-88	2	10.6	-94	2	4.1	-99	1	-5.8	-102	1	-16.0
Dec 25	42.8	-6	2	42.4	-19	2	41.1	-31	2	38.9	-43	2	35.9	-54	2	32.2	-64	2	27.7	-73	2	22.6	-82	1	16.9	-89	1	10.7	-94	1	4.1	-99	1	-5.8	-102	1	-16.0
Dec 26	43.0	-6	1	42.5	-19	1	41.2	-31	1	39.0	-43	1	36.0	-54	1	32.3	-64	1	27.8	-74	1	22.6	-82	1	16.9	-89	1	10.7	-95	1	4.1	-100	1	-5.8	-103	0	-16.1
Dec 27	43.0	-6	0	42.6	-19	0	41.3	-31	0	39.1	-43	0	36.1	-54	0	32.3	-64	0	27.8	-74	0	22.7	-82	0	17.0	-89	0	10.7	-95	0	4.1	-100	0	-5.8	-103	0	-16.1
Dec 28	43.1	-6	0	42.6	-19	0	41.3	-31	0	39.1	-43	0	36.1	-54	0	32.4	-64	0	27.9	-74	0	22.7	-82	0	17.0	-89	0	10.7	-95	0	4.1	-100	0	-5.9	-103	0	-16.1
Dec 29	43.0	-6	-1	42.6	-19	-1	41.3	-31	-1	39.1	-43	-1	36.1	-54	-1	32.3	-64	-1	27.8	-74	-1	22.7	-82	-1	17.0	-89	-1	10.7	-95	-1	4.1	-100	0	-5.8	-103	0	-16.1
Dec 30	43.0	-6	-2	42.5	-19	-2	41.2	-31	-2	39.0	-43	-2	36.1	-54	-2	32.3	-64	-2	27.8	-73	-2	22.7	-82	-1	16.9	-89	-1	10.7	-94	-1	4.1	-99	-1	-5.8	-102	-1	-16.1
Dec 31	42.8	-6	-3	42.4	-19	-3	41.1	-31	-3	38.9	-42	-3	35.9	-54	-3	32.2	-64	-3	27.7	-73	-2	22.6	-81	-2	16.9	-88	-2	10.7	-94	-2	4.1	-99	-1	-5.8	-102	-1	-16.0
Jan 1	42.6	-6	-4	42.2	-19	-4	40.9	-31	-4	38.7	-42	-4	35.7	-53	-4	32.0	-63	-4	27.6	-73	-3	22.5	-81	-3	16.8	-88	-3	10.6	-94	-2	4.1	-98	-2	-5.8	-102	-1	-16.0