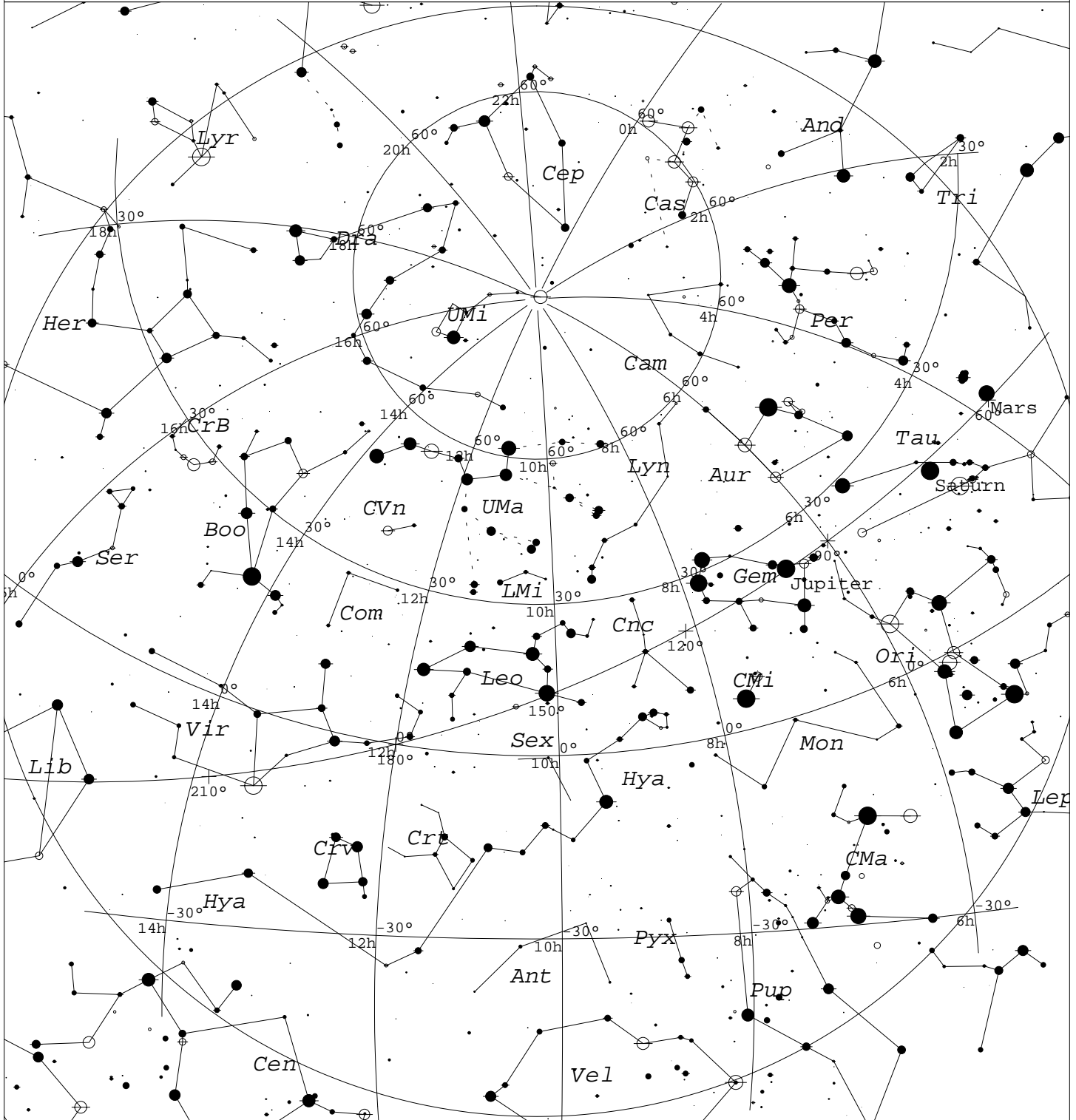


SKYMAP FOR APRIL 2002



STARS

- <1 ● 3.5
- 1.5 ● 4
- 2 ● 4.5
- 2.5 ● >5
- 3

- Multiple star
- Variable star
- ☄ Comet
- Galaxy
- Bright nebula

SYMBOLS

- Dark nebula
- ⊕ Globular cluster
- ⊙ Open cluster
- ⊕ Planetary nebula
- ⊕ Quasar
- △ Radio source
- × X-ray source
- Other object

TUCKAHOE STATE PARK MD,
APRIL 12, 2200 HOURS EDST

Local Time: 22:00:00 12-Apr-2002

UTC: 02:00:00 13-Apr-2002

Sidereal Time: 10:16:37

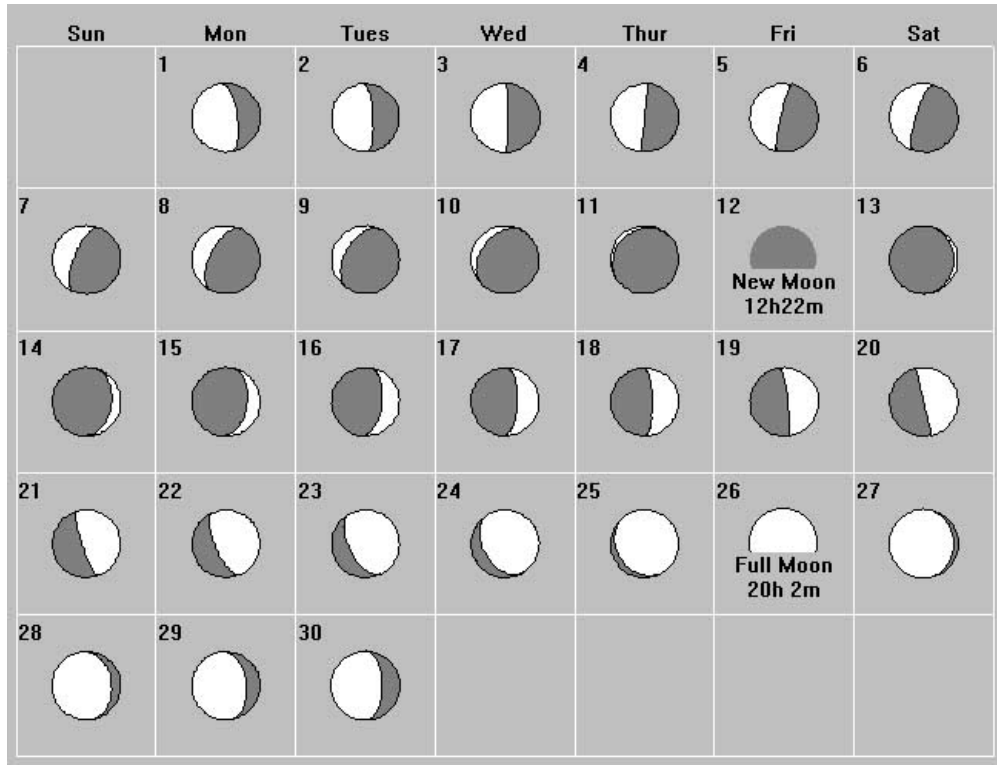
Location: 38° 59' 12" N 76° 56' 0" W RA: 10h16m38s Dec: +38° 59' Field: 182.0°

Julian Day: 2452377.5833

Sun and Moon Data for April 2002 Tuckahoe Park, MD

38.59°N 75.56°W 4.5hrW Daylight Time Astronomical Twilight

Date	Sun				Moon				%
	Twil.	Rise	Transit	Set	Twil.	Rise	Transit	Set	
04/01/2002	5:47a	7:17a	1:36p	7:56p	9:26p	*****	4:51a	9:55a	80
04/02/2002	5:45a	7:16a	1:36p	7:57p	9:28p	12:50a	5:46a	10:38a	70
04/03/2002	5:43a	7:14a	1:36p	7:57p	9:29p	1:55a	6:42a	11:26a	60
04/04/2002	5:41a	7:13a	1:35p	7:58p	9:30p	2:53a	7:36a	12:20p	50
04/05/2002	5:40a	7:11a	1:35p	7:59p	9:31p	3:44a	8:29a	1:17p	40
04/06/2002	5:38a	7:10a	1:35p	8:00p	9:32p	4:27a	9:19a	2:16p	31
04/07/2002	5:36a	7:08a	1:34p	8:01p	9:34p	5:04a	10:07a	3:15p	22
04/08/2002	5:34a	7:07a	1:34p	8:02p	9:35p	5:35a	10:51a	4:14p	15
04/09/2002	5:33a	7:05a	1:34p	8:03p	9:36p	6:03a	11:34a	5:12p	9
04/10/2002	5:31a	7:04a	1:34p	8:04p	9:37p	6:28a	12:15p	6:09p	4
04/11/2002	5:29a	7:02a	1:33p	8:05p	9:38p	6:52a	12:55p	7:07p	1
04/12/2002	5:27a	7:01a	1:33p	8:06p	9:40p	7:16a	1:36p	8:04p	0
04/13/2002	5:26a	6:59a	1:33p	8:07p	9:41p	7:40a	2:17p	9:03p	1
04/14/2002	5:24a	6:58a	1:33p	8:08p	9:42p	8:07a	3:01p	10:03p	3
04/15/2002	5:22a	6:56a	1:32p	8:09p	9:44p	8:36a	3:46p	11:05p	7
04/16/2002	5:20a	6:55a	1:32p	8:10p	9:45p	9:11a	4:36p	*****	14
04/17/2002	5:19a	6:53a	1:32p	8:11p	9:46p	9:52a	5:28p	12:07a	21
04/18/2002	5:17a	6:52a	1:32p	8:12p	9:47p	10:40a	6:23p	1:08a	30
04/19/2002	5:15a	6:51a	1:31p	8:13p	9:49p	11:36a	7:19p	2:06a	40
04/20/2002	5:13a	6:49a	1:31p	8:14p	9:50p	12:40p	8:17p	2:59a	51
04/21/2002	5:12a	6:48a	1:31p	8:15p	9:51p	1:50p	9:13p	3:46a	62
04/22/2002	5:10a	6:47a	1:31p	8:16p	9:53p	3:02p	10:08p	4:26a	73
04/23/2002	5:08a	6:45a	1:31p	8:16p	9:54p	4:16p	11:01p	5:02a	83
04/24/2002	5:06a	6:44a	1:30p	8:17p	9:55p	5:30p	11:53p	5:35a	91
04/25/2002	5:05a	6:43a	1:30p	8:18p	9:57p	6:44p	*****	6:06a	97
04/26/2002	5:03a	6:41a	1:30p	8:19p	9:58p	7:59p	12:46a	6:37a	100
04/27/2002	5:01a	6:40a	1:30p	8:20p	9:59p	9:14p	1:39a	7:10a	100
04/28/2002	5:00a	6:39a	1:30p	8:21p	10:01p	10:27p	2:34a	7:47a	97
04/29/2002	4:58a	6:38a	1:30p	8:22p	10:02p	11:37p	3:30a	8:28a	91
04/30/2002	4:56a	6:36a	1:29p	8:23p	10:03p	*****	4:28a	9:15a	84



CONSTELLATION FOR APRIL 2002: LEO

