

2011 Rappahannock Astronomy Club Star Parties
 (Check www.raclub.org the day of party for status)

Date	Location	Sunset	Moonrise ¹	Moon Phase	Early PM Moon Free	New Moon	Date	Location	Sunset	Moonset ²	Moon Phase	Early PM Moon up	Evening Sky Notes
1-Jan-11	New Year's Day -- No Star Party					4-Jan-11	8-Jan-11	Caledon	5:06 PM	9:33 PM	17% Q1	4:27	Jupiter, Uranus in west
29-Jan-11	Caledon	5:29 PM	3:51 AM	18% Q4	10:22	2-Feb-11	5-Feb-11	Scott's Place*	5:37 PM	8:21 PM	6% Q1	2:44	Jupiter, Uranus in west
5-Mar-11	Caledon	6:07 PM	7:00 AM	1% Q1	12:53	4-Mar-11	12-Mar-11		6:14 PM	1:50 AM	50% Q1	7:36	Messier Marathon Mar 5 Saturn rising late
2-Apr-11	Caledon	7:34 PM	6:31 AM	1% Q4	10:57	3-Apr-11	9-Apr-11		7:40 PM	1:33 AM	31% Q1	5:53	Messier Marathon backup Apr 2 Saturn in east
30-Apr-11	Caledon	8:00 PM	5:01 AM	6% Q4	9:01	3-May-11	7-May-11	Scott's Place*	8:07 PM	12:16 AM	18% Q1	4:09	Saturn near meridian
28-May-11	Caledon	8:25 PM	3:03 AM	16% Q4	6:38	1-Jun-11	4-Jun-11	Caledon backup	8:29 PM	10:57 PM	8% Q1	2:28	Saturn near meridian
25-Jun-11	Westmoreland	8:37 PM	2:03 AM	30% Q4	5:26	1-Jul-11	2-Jul-11	Caledon	8:37 PM	9:35 PM	2% Q1	0:58	Saturn in west
23-Jul-11	Westmoreland	8:28 PM	12:35 AM	50% Q4	4:07	30-Jul-11	30-Jul-11	Caledon	8:22 PM	8:09 PM	0% new	none	Saturn setting, Neptune rising
27-Aug-11	Scott's* & club picnic	7:47 PM	6:00 AM	3% Q4	10:13	28-Aug-11	3-Sep-11	Westmoreland	7:37 PM	11:08 PM	38% Q1	3:31	Neptune in east, Uranus, rising
24-Sep-11	Caledon	7:04 PM	4:47 AM	11% Q4	9:43	27-Sep-11	1-Oct-11	Stratford Hall	6:53 PM	9:54 PM	24% Q1	3:01	Uranus, Neptune in east
22-Oct-11	Caledon	6:23 PM	3:34 AM	24% Q4	9:11	26-Oct-11	29-Oct-11	Lake Anna	6:14 PM	8:39 PM	11% Q1	2:25	Uranus, Neptune near meridian; Jupiter rising
19-Nov-11	Caledon	4:55 PM	1:26 AM	38% Q4	8:31	25-Nov-11	26-Nov-11	Caledon Backup	4:51 PM	6:22 PM	3% Q	1:31	Neptune in west, Uranus near meridian, Jupiter in east
17-Dec-11	Caledon	4:51 PM	12:24 AM	50% Q4	7:33	24-Dec-11	24-Dec-11	Christmas Eve -- No Star Party				Neptune in west; Uranus, Jupiter near meridian	
Date	Location	Sunset	Moonrise ¹	Moon Phase	Early PM Moon Free	New Moon	Date	Location	Sunset	Moonset ²	Moon Phase	Early PM Moon up	Evening Sky Notes

Daylight Saving Time

Bold text: Primary star party. Regular text: Backup date. **No Party** * For RAC members only. Directions to Scott's place will be distributed via **rac_group** email server.

Sun times and Moon times and moon phase information are for Fredericksburg Virginia, from US Naval Observatory.

Twilight is approx one hour and therefore reduces Moon Free early PM time by that much. Also overlaps with Early PM Moon time, reducing Moon's interference by that amount.

Sun and Moon times reflect daylight saving times: begin second Sunday in March (13th) and end first Sunday in November (6th), denoted by double lines; clocks change at 2 AM on Sunday.

(1) AM Moonrise means Moon rises the following morning, i.e. after midnight; (2) If Moonset time before Sunset time, Moon is already below horizon at sunset.

Public outreach events and scouting clinics are specially scheduled and will be posted on the club web site, <http://www.raclub.org>, as soon as dates and locations are determined.

Club meetings usually held at Central Rappahannock Regional Library, A/V Room, 1201 Caroline St, F'burg. Meet/greet 6:45 PM, Program 7:00 PM, Business session ~ 8:00 PM, end 8:45 PM

2011 Club Meetings	Wed Jan 12	Wed Feb 9	Wed Mar 9	Wed Apr 13	Wed May 11	Wed June 8	Wed July 13	Sat Aug 27 (10th)	Wed Sept 14	Wed Oct 12	Wed Nov 9	Wed Dec 14
Location	CRRL Caroline St	CRRL Caroline St	CRRL Caroline St	CRRL Caroline St	CRRL Caroline St	CRRL Caroline St	CRRL Caroline St	Scott's @ Club Picnic	CRRL Caroline St	CRRL Caroline St	CRRL Caroline St	CRRL Caroline St

11:59 PM

12:01 AM