



Astronomy Club of Tulsa

Observer

August 2012



*Photo: Black Mesa in the Morning Sun, taken at Okie-Tex Star Party 2011, by Tamara Green.*

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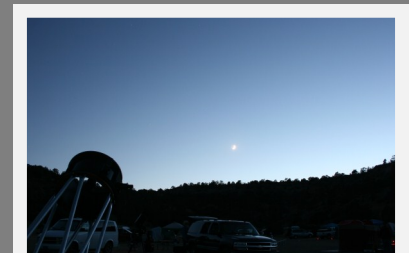
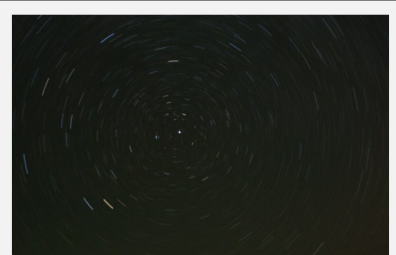
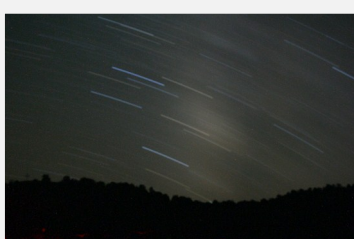
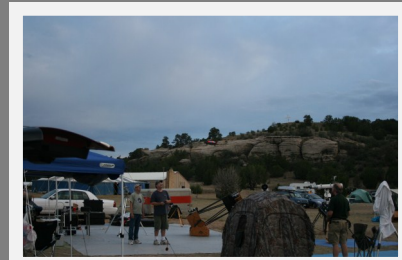
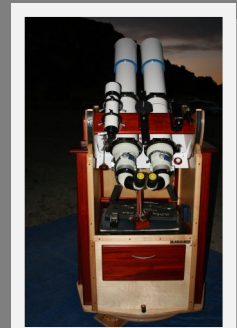
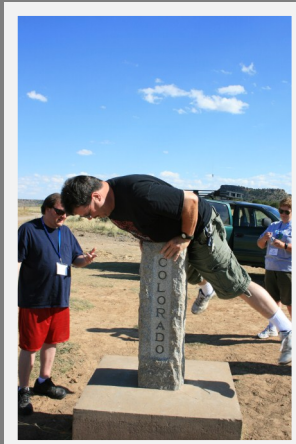
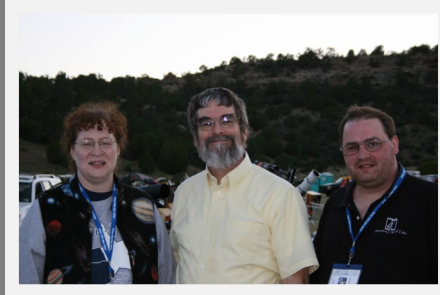


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*A Message From the Editor:*

*Despite sending out the call for articles for this month's edition of the Observer, I sadly did not get any articles, other than the President's Message and Land's Tidbits. Thank you Ann and John for your contributions. However, since Okie-Tex is coming up, I thought you might enjoy some of my photos from Okie-Tex'es past. Maybe they might inspire you to come out to this year's and future OTSP's! Hope to see you there!*



## September 2012

Tulsa, Oklahoma

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 Sunrise: 6:55am Sunset: 7:52pm Moonrise: 8:13pm Moonset: 8:01am
2 Sunrise: 6:56am Sunset: 7:51pm Moonrise: 8:45pm Moonset: 9:00am	3 Sunrise: 6:57am Sunset: 7:49pm Moonrise: 9:17pm Moonset: 9:59am	4 Sunrise: 6:58am Sunset: 7:48pm Moonrise: 9:51pm Moonset: 10:57am	5 Sunrise: 6:58am Sunset: 7:46pm Moonrise: 10:28pm Moonset: 11:53am	6 Sunrise: 6:59am Sunset: 7:45pm Moonrise: 11:08pm Moonset: 12:48pm	7 <b>Public Star Party</b> Sunrise: 7:00am Sunset: 7:43pm Moonrise: 11:52pm Moonset: 1:41pm	8 <b>Okie Tex Starts</b> Sunrise: 7:01am Sunset: 7:42pm Moonrise: none Moonset: 2:31pm Last Qtr: 7:16am
9 Sunrise: 7:02am Sunset: 7:41pm Moonrise: 12:41am Moonset: 3:18pm	10 Sunrise: 7:02am Sunset: 7:39pm Moonrise: 1:33am Moonset: 4:01pm	11 Sunrise: 7:03am Sunset: 7:38pm Moonrise: 2:29am Moonset: 4:42pm	12 Sunrise: 7:04am Sunset: 7:36pm Moonrise: 3:28am Moonset: 5:19pm	13 Sunrise: 7:05am Sunset: 7:35pm Moonrise: 4:30am Moonset: 5:55pm	14 <b>M.O.O.N.</b> Sunrise: 7:05am Sunset: 7:33pm Moonrise: 5:33am Moonset: 6:29pm	15 Sunrise: 7:06am Sunset: 7:32pm Moonrise: 6:38am Moonset: 7:03pm New Moon: 8:12pm
16 <b>Okie Tex Ends</b> Sunrise: 7:07am Sunset: 7:30pm Moonrise: 7:45am Moonset: 7:39pm	17 Sunrise: 7:08am Sunset: 7:29pm Moonrise: 8:54am Moonset: 8:17pm	18 Sunrise: 7:08am Sunset: 7:27pm Moonrise: 10:03am Moonset: 8:58pm	19 Sunrise: 7:09am Sunset: 7:26pm Moonrise: 11:12am Moonset: 9:45pm	20 Sunrise: 7:10am Sunset: 7:24pm Moonrise: 12:20pm Moonset: 10:37pm	21 Sunrise: 7:11am Sunset: 7:23pm Moonrise: 1:23pm Moonset: 11:36pm	22 Sunrise: 7:12am Sunset: 7:21pm Moonrise: 2:21pm Moonset: none First Qtr: 1:42pm
23 Sunrise: 7:12am Sunset: 7:20pm Moonrise: 3:11pm Moonset: 12:37am	24 Sunrise: 7:13am Sunset: 7:18pm Moonrise: 3:56pm Moonset: 1:41am	25 Sunrise: 7:14am Sunset: 7:17pm Moonrise: 4:35pm Moonset: 2:45am	26 Sunrise: 7:15am Sunset: 7:15pm Moonrise: 5:10pm Moonset: 3:48am	27 Sunrise: 7:16am Sunset: 7:14pm Moonrise: 5:43pm Moonset: 4:50am	28 <b>A.C.T. Meeting</b> Sunrise: 7:16am Sunset: 7:12pm Moonrise: 6:14pm Moonset: 5:50am	29 <b>Sidewalk Astronomy</b> Sunrise: 7:17am Sunset: 7:11pm Moonrise: 6:45pm Moonset: 6:50am Full Moon: 9:20pm
30 Sunrise: 7:18am Sunset: 7:09pm Moonrise: 7:16pm Moonset: 7:48am						

Daylight Saving/Summer Time is in effect for the entire month.  
Courtesy of [www.sunrisesunset.com](http://www.sunrisesunset.com)  
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### UPCOMING EVENTS:

Public Star Party	Fri, Sep 7	ACT Observatory	7:00 PM
Okie-Tex Star Party	Sep 8 - 16	Camp Billy Joe	Kenton, OK
Members' Night	Fri, Sep 14	ACT Observatory	7:00 PM
General Meeting	Fri, Sep 28	TCC Northeast Campus	7:00 PM
Sidewalk Astronomy	Sat, Sep 29	Bass Pro	7:00 PM



## President's Message

By Ann Bruun

Fall is right around the corner and that means it is time to start thinking about elections. No, not the silly national elections, I'm talking about the Astronomy Club of Tulsa elections. If you know a member who you think would make a good board member or officer, please encourage him or her to run. Or if you would like to become more involved don't be shy; the club needs people who are willing to volunteer their time to help lead the club. There are only two qualifications required to run; you must have been a member in good standing for one year and you must be of legal age. Don't feel you need any special knowledge to serve; you only need to have a desire to see the club improve and grow stronger. It really is true that the more you put into the club the more you will get out of it.

I am sorry to report that due to changed circumstances at my day job I will not be able to run for re-election. I am however looking forward to volunteering and supporting the elected officers. We have a great club centered around the most interesting hobby there is – in my opinion. What we do is not only entertaining for us but has the potential to influence young lives. Our outreach is educational and gives lasting memories to the people we encounter. Keep up the good work.

Ann Bruun  
Astronomy Club of Tulsa President  
[Act\\_pres@astrotulsa.com](mailto:Act_pres@astrotulsa.com)



# Land's Tidbits

## By John Land

### Regional Summer Astronomy Events

**TIME IS RUNNING OUT TO REGISTER FOR OKIE-TEX**

Registration prices go up Aug 18<sup>th</sup> All meal registrations due before Aug 24<sup>th</sup>



29<sup>th</sup> Okie-Tex Star Party

Sept 8<sup>th</sup> to Sept 16<sup>th</sup>

<http://www.okie-tex.com/>

Details for registration and meals at website.

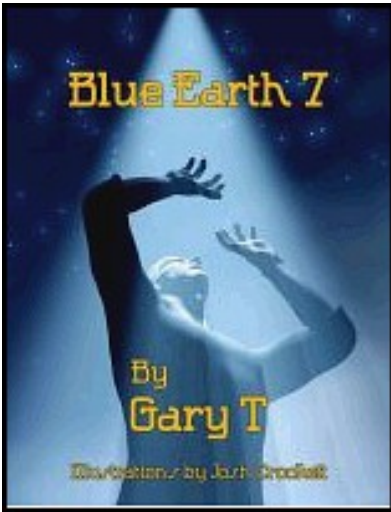
Dozens of our Tulsa members join with more than 300 fellow astronomers each fall to marvel at the dark skies in the tip of the Oklahoma Panhandle. Al Nagler of Tel-Vue optics proclaimed it as one of the darkest sites in America. **Get your registrations in ASAP.** Especially for the on site meals, since the nearest eating places are nearly 40 miles away.



Heart of America Star party near Butler, MO

Oct 10 to Oct 14 <http://www.hoasp.org/>

Astronomy Club of Tulsa - Treasurer Report by John Land			
The club has <b>112 members</b> including <b>21 new memberships</b> this year			
In 2012 - <b>137</b> people requested information on the website visitor section			
<b>Newest Members - Eugene Innis, Andy Bantly</b>			
<b>John Belt, Alice Benavides</b>			
<b>Expenses</b>	<b>Deposits</b>	<b>Balance</b>	<b>Checking Account</b>
		\$ 874.30	July 24 Balance
	\$ 618.64	\$ 1,492.94	Deposits
\$ 34.29		\$ 1,458.65	Routine Expenses
\$ 234.33		\$ 1,224.32	Observatory Expenses
		\$ 1,224.32	Aug 14 Balance
		\$ 7,004.37	July 24 Savings
		\$ 7,004.37	Aug 14 Savings
<b>Investment Account - End of month</b>		<b>Account Value varies with Market</b>	
\$ 15,305.62	Dec-11	May	\$ 15,611.46
\$ 15,682.28	Jan-12	June	\$ 16,231.22
\$ 16,067.68	Feb	July	\$ 16,506.73
\$ 16,217.08	Mar	August	
\$ 16,240.96	Apr	Sept	



**BLUE EARTH 7** Former Tulsa Club member, Gary Thomas, has written a Sci Fi Novella featuring some of his adventures with our club. Several of you will recognize characters and locations mentioned in the work. The first couple of chapters lay out some general background information about the cosmos and top secret satellites featured later in the story. Then the scene moves to a night at our observatory.

The online promo reads - When computer tech Harry Seven encounters a bizarre tektite, he discovers the difference between nightmare and reality is only one of dimension. Harry finds himself traversing a reality far beyond the familiar 3-dimensional world of the blue planet, and all is not as it appears... In BLUE EARTH 7 by Gary T you will learn some astronomy. For instance, you will discover how to differentiate between tektite and normal everyday meteorite. Club members will find a familiar landscape too - the ACT observatory features prominently. Then, the lonely airstrip on the Boy Scout Ranch near Forakers, OK deep in the Osage Nation is the central setting of the story. This is where many ACT members annually observe the nocturnal glow of the cosmic points of light coming into their own. BLUE EARTH 7 can be purchased on Amazon, Barnes & Noble, Apple, Sony and other online bookstores. Ask Tim Davis what he thought of the read. Sold as an Ebook \$ 3.99 at BLUE EARTH 7: <http://www.smashwords.com/books/view/175432>



**FOR SALE - Meade LX 50** - 10 inch telescope - 1998 vintage  
Fork Mount with wedge and tripod - Has Drive motors but not "GoTo" equipped.  
Several eyepieces – Original shipping case  
Contact Howard Baker 918-438-3634

#### **Celestron Nexstar 6 SE for Sale**

I have decided to sell my telescope, Celestron Nexstar 6 SE, and all of the eyepieces that I have. It is still in like new condition. I have over \$1,100.00 retail in it and am willing to let it go for \$500.00. Please let everyone at the club know. It will be a great deal if someone is looking for a scope like this. You can contact me anytime at [russ@brightok.net](mailto:russ@brightok.net) or call my cell phone 918-937-3324. Thank You! Russell Dysart

**Custom made 18" f 4.5 reflector** with yoke mount and accessories.

Mirror by Nova Optics Hardship sale Asking \$ 1,500  
Contact Paul Elkins at 479-409-4696 In Fayetteville, AR



## The Secretary's Stuff

By Tamara Green

Hello Everyone!

We are still in our summer break from meetings at TCC, but they will be starting up again next month, on Friday, September 28. I do not yet have any information on if we have a guest speaker for the September meeting, or who he or she may be. However, our annual Election meeting is on October 26th. If you have anyone who you would like to nominate for any of the four offices (President, Vice President, Secretary, Treasurer) or for a Board position, please let me know well in advance of the October meeting so that I can get the names put on the ballot.

As of right now, I plan to seek re-election as Secretary, that is, unless someone nominates me for something else. But for now, I am re-running for Secretary.

Don't forget, Okie-Tex is September 8-16! Lots of fun and good dark skies! Excellent food as well! For those of you who are going, I will see you there and am looking forward to a week of good times and wonderful memories. For those of you who are still thinking about it, I hope to see you there!

Tamara



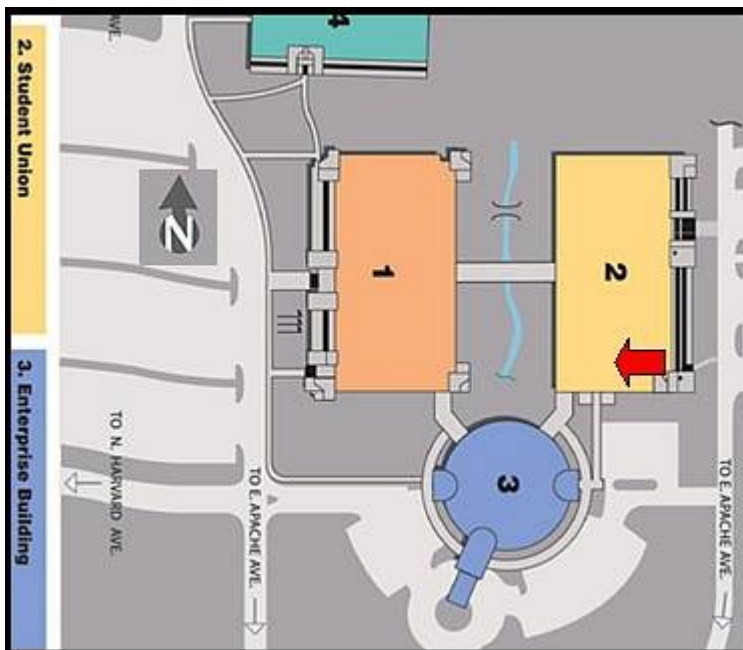
## Where We Meet:

**TCC Northeast Campus, 3727 E. Apache St., Student Union Bldg. 2, Room 1603**

There is PLENTY of parking, lighting and security on this campus.

To get to TCC NE Campus, take the Harvard Exit off of Hwy. 11 (Gilcrease Expressway). Go south for about 1/2 mile to the campus located at the corner of N. Harvard and Apache. Turn east on Apache and take the entrance in front of Bldg. 3 (the large round building). Then turn right and park in front of Student Union Building #2. Room 1603 is just off of the lobby.

**Google-type driving direction map at <http://www.tulsacc.edu/13273/>**



**We hope to see you there!**

Friday, September 28, 7:00 PM.

Program: (TBA)

## CLUB OFFICERS

PRESIDENT	ANN BRUUN 918-231-0301
VICE PRESIDENT	TONY WHITE 918-231-0900
SECRETARY	TAMARA GREEN 918-851-1213
TREASURER	JOHN LAND 918-695-3195

## BOARD MEMBERS AT LARGE

STAN DAVIS	918-294-3196
TERESA DAVIS	918-637-1477
TIM DAVIS	918-665-8134
BILL GOSWICK	918-742-6146
CATHERINE KAHBI	918-230-8480
TOM MCDONOUGH	918-851-2653

## APPOINTED STAFF

NEWSLETTER EDITOR	TAMARA GREEN 918-851-1213
FACILITIES MANAGER	CHRISTOPHER PROCTOR 918-810-6210
MEMBERSHIP CHAIRMAN	JOHN LAND 918-695-3195
OBSERVING CO-CHAIRS	OWEN & TAMARA GREEN 918-851-1213
GROUP DIRECTOR	JENNIFER JONES 918-629-8732
PR/OUTREACH/SIDEWALK ASTRONOMY	OWEN GREEN 918-851-8171
NIGHT SKY NETWORK	TERESA DAVIS 918-637-1477
WEBMASTER	JENNIFER JONES 918-629-8732
FUNDRAISING CHAIR	CATHERINE KAHBI 918-230-8480

## MEMBERSHIP INFORMATION

### MEMBERSHIP RATES FOR 2012 WILL BE AS FOLLOWS:

Adults - \$45 per year. Includes Astronomical League membership.

Senior Adults - \$35 per year. *For those aged 65 and older.* Includes Astronomical League membership.

Students - \$30 per year. Includes Astronomical League Membership.

Students - \$25 per year. *Does not include Astronomical League membership.*

The regular membership allows all members of the family to participate in Club events, but only ONE voting membership and ONE Astronomical League membership per family.

Additional Family Membership - \$15 with Astronomy Club of Tulsa voting rights, \$20 with Club voting rights *and* Astronomical League membership.

*THOSE WISHING TO EARN ASTRONOMICAL LEAGUE OBSERVING CERTIFICATES NEED TO HAVE A LEAGUE MEMBERSHIP.*

### MAGAZINES:

Astronomy is \$34 for one year or \$60 for 2 years.

[www.astronomy.com](http://www.astronomy.com)

Sky & Telescope is \$33 per year.

[www.skyandtelescope.com](http://www.skyandtelescope.com)

Sky & Telescope offers a 10% discount on their products.

*If you are an existing S&T subscriber, you can renew directly with S&T at the same Club rate. Both S&T and Astronomy now have digital issues for computers, iPads and smart phones.*

## ONLINE REGISTRATION

We now have an automated online registration form on the website for new memberships, membership renewals and magazine subscriptions. Just simply type in your information and hit "send" to submit the information. You can then print a copy of the form and mail it in with your check. At this time we do not have an option for credit card payment, but we may explore that at a later time.

Go to: <http://www.astrotulsa.com/Club/join.asp>



THE ASTRONOMY CLUB OF TULSA INVITES YOU TO  
MAKE PLANS THIS FALL TO JOIN US AT AN ASTRONOMY CLUB OF TULSA STAR PARTY!  
OPEN TO THE PUBLIC

For more information please visit [www.astrotulsa.com](http://www.astrotulsa.com).



The Observer is a publication by the Astronomy Club of Tulsa. The Astronomy Club of Tulsa is a 501C 3 non-profit organization open to the public. The Club started in 1937 with the single mission to bring the joy and knowledge of astronomy to the community of Tulsa, OK and the surrounding area. Today our mission remains exactly the same. We travel to local schools, churches and many other venues with scopes and people to teach. Our observatory is located in Mounds and many public programs are offered there. To join the Astronomy Club of Tulsa please visit [www.astrotulsa.com](http://www.astrotulsa.com) where you will find all the information necessary to become a member.

