On Saturday, January 18, The Albuquerque Astronomical Society held its annual Perihelion Banquet at the Eleganté Hotel to bring members together, award outstanding contributions, and elect the Society's officers for 2014.

Over 110 members and guests arrived at 6:00 p.m. with the opportunity to talk with old and new members and were formally greeted by our outgoing President Dee Friesen before dining on the delicious buffet. Door-prize tickets were drawn during this period for items donated by individuals. This year the Grand Prize money was added to the fund set up by Accent Windows Southwest and TAAS for local New Mexico science fair winners to reward their achievements.

Celestial harp music was provided throughout dinner by Linda Kennedy (with an assist from Timmy Telescope).

Volunteer awards were presented by David Frizzell and Trish Logan.

John Dobson Award for Outstanding Contributions to Educational Outreach in the Community
Tom Graham (absent)
Especially meaningful as Mr. Dobson passed away just a few days before the banquet.

Supernova Award
Given to Jim Fordice who has flashed into prominence in the Society, for his work in converting our stock of glass discs into TAAS funds and for his work with GNTO.

Technical Achievement - Mike Molitor
Video/Telescope System Development

Technical Achievement - Vance Ley
Webpage Photo Gallery and Imaging Development at GNTO

continued on page 2...
Elections were then held to confirm the following proposed slate of officers for 2014, moderated by Gordon Pegue:

- **Steve Snider** - President
- **David Frizzell** - Vice President
- **Sigrid Monaghan** - Secretary
- **Dan Clark** - Treasurer

An Astronomical Trivia Contest written by Tom Graham and moderated by Barry Spletzer, challenged the guests to get the highest score by table, and gift coupons to Panera were awarded to the triumphant table of eight.

Our Keynote Speaker, Dr. Marcus Price, gave us history and detail on “Astronomy or Astrophysics?”, the evolution from observing to analysis and our modern astronomy. Dr. Price is a retired professor from UNM and received his Ph.D. from the University of Australia.

Incoming President Steve Snider closed the formal banquet proceedings with thanks to all attendees and looked forward to an exciting new year for TAAS.
Faces Familiar and Fresh Gather for Perihelion Banquet 2014

PHOTOS BY DAVID OLSON UNLESS OTHERWISE CREDITED
TAAS GENERAL MEETING
Saturday, February 15, 7:00 P.M.
Regener Hall, UNM

Stardate 2014
New Zealand

TAAS Members
Jim Fordice
Amy Estelle

THE NEXT TAAS GENERAL MEETING will be held on Saturday, February 15, at 7:00 p.m. in Regener Hall on the UNM Campus. Our featured speakers will be telling the audience about the recent star party in New Zealand attended by a small contingent of TAAS members.

“The Southern Sky: Stardate 2014”
Jim Fordice will talk about the astronomy of the Southern Hemisphere and many of the main objects seen from New Zealand: the Southern Cross (and the False Cross), Eta Carinae, the Magellanic Clouds, 47 Tucanae, and the Jewel Box. We are also fortunate to be able to show a special video from the Kiwi astrophotographers.

“Heart and Soul Down Under: Observing with the Kiwis”
Amy Estelle will elaborate on the star party experience itself, the people met, the location, the dark skies, and on seeing all new constellations and stars—with and without a telescope.

Please join us for an educational and enjoyable experience and stay to join the conversations afterward with members old and new.

This event is free and open to the public, so all guests are welcome. Go to www.TAAS.org for more details and map and send any questions to TAAS@TAAS.org.

Telescope Tune-Up Day Set for ¡Explora!

by Lynne Olson

ON SATURDAY, MARCH 1, bring your telescope that needs some loving care, or one that hasn’t been out of the box since you bought it, or the one you inherited from a relative and don’t know one end from the other to the Explora Science Center in Old Town, 1701 Mountain Road, NW. From 11:00 a.m. to 3:00 p.m., experts from TAAS will assist you in becoming good friends with your scope and also help bring it back into working order if it has gone astray.

This annual event is held in collaboration with Explora to encourage all astronomy lovers to make use of their equipment and to get out and look at the wonders of our beautiful New Mexico skies, and to fulfill the motto of The Albuquerque Astronomical Society—“Observe, Educate, Have Fun.”

Please see our website for up-to-date information as the event approaches and send any questions to TAAS@TAAS.org.

Everyday interested in learning the basic features of the night sky is invited to attend one of the two TAAS Fabulous 50 Viewing Sessions for New Astronomers at Dee’s house.

Sessions are scheduled for Tuesday, February 25, and Wednesday, February 26, hosted by Dee at his house, in northeast Albuquerque. The neighborhood has no street lights and a dark sky. In the past, Dee has hosted TAAS Messier Objects and TAAS Fabulous 50 viewing sessions with great success.

The sessions begin at 6:30 p.m. with a 20-minute indoor session followed by 45 minutes of outdoor viewing and concluding with an indoor social session.

At these sessions new astronomers will learn the winter portion of the TAAS Fabulous 50 objects in the night sky. These are objects that, once identified, will serve as signposts for the further learning of the night sky.

Visitors do not need to bring anything, just an interest in learning the night sky. Experienced TAAS members will be present with telescopes to assist all attendees. More details with a map to Dee’s house are on the TAAS Web site (www.TAAS.org). Contact Dee at taasdee@TAAS.org with any questions.
AS I WRITE THIS, we have cancelled the February 1 New Moon Event at GNTO. The string of weather-cancelled events continues. One would think that, with the long-range weather outlook of dry conditions, new moon events would not be cancelled so frequently. That said, there have been some very clear stretches of days and nights, just not on New Moon Event dates. Is there some strange new linkage between the phase of the moon and cloudy weather in New Mexico? Or maybe, this current weather is simply compensating for the clear skies we had for the annular eclipse and Venus transit in 2012. In any case, if we are going to cancel events due to weather, I wish it would bring rain and snow.

For the January 4 event, Paul Grunwald reported six stalwarts on site despite 20-mph winds gusting to 35. Around 6 p.m. the group shuttered the site due to the continued strong wind. The access road continues to be in excellent shape.

An unscheduled event was led by Alan Scott on January 25. He reported it was a “great night.” The Clear Sky Clock prediction was very accurate, and after 8 p.m. things cleared up fairly quickly. The furnace in the ROOst provided respite from the 30-degree chill. “The highlight of the night was the supernova in M-82. That star was bright!” Additional targets were M-42 and Jupiter. Alan worked on the January Herschel’s until closing around 12 a.m. Jim Kaminski also reported a “good night at GNTO” getting a chance to spy the supernova in M82 in his 4-inch reflector. It was easy to see. “In Alan’s 20-inch reflector/13-mm Ethos and it was beautiful as a very, very bright star in a large but faint galaxy.” Jim also reported enjoying a “simply stunning” Milky Way overhead. The group consisted of Jim, Alan, Gordon Pegue, Dan Rossbach, Vance Ley, and David Walz-Burkett.

GNTO IS TAAS’s observatory and dark-sky site. A friend from my former astronomy club told me that he is “jealous” of TAAS because it has a dark-sky site with observatory. It is true that many amateur astronomy clubs do not have access to, and even fewer own a dark-sky site. Clubs in some large cities own a dark-sky site, but it is several hours away. Indeed, TAAS is fortunate to have GNTO. As the GNTO Director, one of my wishes is to increase TAAS member interest in, and use of GNTO. The January 25 event was initiated and coordinated via TAAS_Talk and e-mail, and illustrates one way that TAAS members can initiate use of GNTO for impromptu observing events.

It is true that many amateur astronomy clubs do not have access to, and even fewer own, a dark-sky site with observatory.

The next GNTO New Moon observing events are: March 1, the Messier Marathon on March 29, and April 26. Remember, these dates are for Saturdays. With the new policy of floating the event between Friday or Saturday whichever has the better weather forecast, the actual event could be held one day before these dates. On the Thursday before, we will post which day the event will be held.

The next GNTO Committee meeting is Thursday, February 6, and will be held at North Domingo Baca Multi-Generation Center at 6:30 p.m.

As always, check TAAS_Talk and the TAAS website for last minute changes and updates.

GNTO is open to all TAAS members and their guests. TAAS members are encouraged to become involved in using and running your observatory. Contact me, or speak with one of the GNTO Committee members.

GNTO Director e-mail: gnto@TAAS.org. Or, (518-225-7077) cell; (505-717-2601) land.

by Lynne Olson

Here is another opportunity to experience the beautiful venue and hospitality of the Open Space Visitor Center, combined with solar observing and stargazing provided by TAAS.

The event is kicked off with a solar observing session led by Roger Kennedy from 10:00 a.m. until 2:00 p.m. in the area surrounding the Center. Solar scopes and information displays will show you amazing things about our nearest star. Return in the evening at 6:00 p.m. to enjoy indoor and outdoor astronomy demonstrations, make a star chart, and take a look at the telescopes being set up. Please have only red headlamps or flashlights in the observing area.

At 7:00 p.m., Barry Spletzer will give a talk on “The Science of Astrology” in the conference room, which may be repeated later, if time allows.

Observing will take place throughout the evening, but really gets going at 8:00 p.m. with an array of TAAS scopes on the patio to show off the targets of the night.

Kevin McKeown will give a green laser-guided constellation tour and answer any questions.

TAAS members are encouraged to bring their telescopes and set up before dark; they will be directed to the proper place to unload equipment by the Visitor Center staff. This is a chance to share the skies and to learn more about the fine diversity of the scopes of other members.

Please go to www.taas.org for more details and map as the event approaches and send any questions to TAAS@TAAS.org.
# February 2014

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<td>1 GNTO NM CANCELED</td>
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<td>2</td>
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<td>4 Ernest Stapleton School Star Party</td>
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<td>13 Board of Directors Meeting</td>
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<td>25 TAAS Fabulous 50</td>
<td>26 TAAS Fabulous 50</td>
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<td>28 Sidereal Times Deadline</td>
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## TAAS General Meeting

**Saturday February 15, 2014, 7:00 P.M.**  
Regener Hall, University of New Mexico

**Stardate 2014 New Zealand**  
TAAS Members  
Jim Fordice  
“The Southern Sky: Stardate 2014”  
Amy Estelle  
“Heart and Soul Down Under: Observing with the Kiwis”

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**Need help with your Telescope?**

Attend the ATM meeting and receive assistance.  
First and third Wednesday of the month.  
Manzano Mesa Multi-Gen Center  
501 Elizabeth St SE, Albuquerque, NM  
map is available at www.TAAS.org
### Notes


- Hotline 505-254-TAAS (8227).

- ATM = Amateur Telescope Making. Call Michael Pendley for information at 296-0549, or e-mail atm@TAAS.org.

- GNTO = General Nathan Twining Observatory
- GNTO Training = GNTO Observing and Training
- GNTO NM = New Moon Premium Observing Night
- NMMNH&S = New Mexico Museum of Natural History and Science
- UNM = University of New Mexico Observatory.

- Call the TAAS hotline at 254-8227, or the UNM hotline at 277-1446 to confirm, or e-mail unm_coordinator@TAAS.org.

- P & A = UNM Physics and Astronomy Building, Corner of Lomas and Yale
- SIG = Special Interest Group
- TBA = To Be Announced

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**BEST PLACES TO STARGAZE CELESTIAL EDITION**

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Solar/Lunar Outreach Nears 2400 Year-to-Date

by Roger Kennedy

Inviting all TAAS members to come join us at the NM Museum of Natural History and Science Tuesdays, Wednesdays, Thursdays, and Fridays from 10:00 until 1:30 as we observe the Sun with the LX200 16” with DayStar ION H-alpha filter.


Petroglyphs Elementary School

On Monday, January 27, TAAS members Tom Graham, and Roger and Linda Kennedy brought the Sun to 121 students and faculty at Petroglyphs Elementary School.

Civil Air Patrol

On January 31, TAAS volunteers Jim Kaminski, John Laning, Anthony Martinez, and I spent a very cloudy evening with the Albuquerque Heights Civil Air Patrol Squad. Jim set up the "Moon" in a hallway so that the cadets could practice with their new telescopes; John was outside with his scope showing Sandia Peak towers; Anthony discussed telescopes and finding direction while I went over star charts.

We had around 48 cadets and their parents. It was an enjoyable evening and well received. The plans are for a solar event in the late summer and possibly a revisit when the skies are clear. Host was Mary Fox, squad leader.

First Sunday at NMMNH&S February 2.

TAAS volunteers Robert Katz, Doug Ray, Linda and Roger Kennedy shared the Sun with 386 visitors. Of course Timmy did a good job on crowd control.

This brings our total of community members visiting our outreach events to almost 2400 since the new year began. The sky cleared, so we had great views of an active Sun.

continued on page 9 . . .
By Tom Graham

Wow! Looks like we are going into the warm season. This has been a little warmer than last year and the skies have been rewarding many students with wonderful views.

Taylor Middle School was our last evening school party and was a success and a fun time for the many students and staff that looked at the Moon, Jupiter, and other nighttime delights. Many of our regulars were in attendance and their work is always appreciated. Thank You!

As we transition to the new year I hope that we can get a few of our newer members to come out and experience a couple of things—viewing with a crowd in a non-threatening atmosphere (most people just want to learn) and the camaraderie that takes place showing kids and parents some outstanding views of the heavens.

We are working on proposals to replace our planetarium in the near future. If you have contacts or know someone who may help us raise some funds please let me know. The new planetarium will be used in many more of our outreach programs and also may be used with our newest members at regular meetings showing where to look for those elusive nebulae, etc., we see through our scopes.

Thanks to all who have helped in our education efforts.

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NGC 2359, Thor’s Helmet: A Wolf-Rayet star in the center excites a large molecular cloud creating an emission nebula. The Wolf-Rayet star is believed to be in a “pre-supernova” stage. This object is approximately 15,000 light-years away in the constellation Canis Major and is about 30 light-years across. It is difficult to image because it’s pretty dim and never gets very high in the sky.

The data was obtained on 1-25-14 at GNTO using a Celestron 11” Edge OTA with f/7 focal reducer, mounted on a Losmandy G11. The camera was an SBIG ST400XCM, operated at -20° C. 36 x 10-min sub frames were obtained, 11 before transit and 15 after transit. Each set of images was processed using DSS. The two resulting images were lightly processed in Photoshop and then combined using DSS prior to complete processing in Photoshop.

—Vance Ley

Coming Up in February

Friday, February 7, Starry Nights Dance telescopes at Bosque School 7-9:00. Saturday February 8, STEM Family Day solar telescopes at Nuclear Museum 9-3:00. Sunday February 9, Darwin Day, solar telescopes at NMMNH&S 9:30-3:00.

Looking Further Ahead. We have confirmed two events in Ruidoso: NMSTA Spring into Science Conference and the Mescalero Apache STEM workshop, both in March.

TAAS is participating in the International SUN-day event on June 22 at Petroglyph National Monument. So far 390 groups from around the world will be holding events on that day (similar to Astronomy Day in 2009) and posting videos/images on the Facebook site: https://www.facebook.com/groups/InternationalSUNday/. Jim Greenhouse at NMMNH&S will be holding an event also. Volunteers are welcome to join at both sites or hold an event of their own and post images.

We are presently scheduling library Summer Reading Program events with the ABC (June–July) and the Sno-Isle WA (July–August) Library Systems. Steve Ramsden of the Charlie Bates Solar Astronomy Project is providing Solar Shades for these events.
They turn slowly in the blackness of space. Crux—the Southern Cross, the False Cross, the Large and Small Magellanic Clouds, the Coalsack, the Sprinter, the Arrowhead, the Jewel Box. Just some of the vivid sights to be seen only in the richly appointed south polar sky.

It's not often that one fulfills a long-held desire, but in late December and early January, a group representing TAAS (members and companions) did just that. We flew to New Zealand to observe the Southern Sky.

The occasion was the annual “Stardate” observing party, sponsored by the Phoenix Astronomical Society in Wellington, at the southern tip of the North Island. The event was held near the town of Have- lock North, in the lovely hills not far from Hawke's Bay, on the Pacific coast of the North Island.

Nine of us traveled in three groups: Jim Fordice and his wife, Elaine; Amy Estelle and her partner, Nancy Henson; and the Gang of Five, led by Dee Friesen and including Dick Fate, Barry Spletzer, Jim Lawrence, and me, Bruce Meyer.

Amy and Nancy began on the South Island, spending a few days at Lake Tekapo in the largest dark-sky preserve in the southern hemisphere. But except for her first brief glimpse of the Magellanic Clouds and other objects (47 Tucanae, the southern Milky Way) Amy suffered the fate all sky-gazers have experienced: clouds moved in. So they switched to another passion, birding—seeing blue and yellow-eyed penguins, kiwis (in captivity), petrels, and four species of albatross.

Jim and Elaine did a little sightseeing on the North Island before arriving at the Stardate site. They visited the Waitomo Caves (famed for their glowworms) and Hobbiton, the film site constructed by filmmaker Peter Jackson for the Shire scenes in The Lord of the Rings and The Hobbit.

Dee was tour leader and guide for the rest of us, selecting a white van (the biggest he could find) that proved just large enough for five plus baggage. As the only one who had visited New Zealand before, he made all the hotel/motel and other arrangements and did most of the driving, for which we were all grateful. Following a rendezvous in Auckland we headed south to beautiful Lake Taupo for what proved to be an eventful New Year’s Eve.

It looked to be a clear night, so in the afternoon we scouted for a place to do some observing. A few miles east of the lake, Jim Lawrence suggested a place along what appeared to be a fairly isolated highway; Dee marked it on his GPS as “Spot”—and Spot it became.

We returned as the sun was setting and set up, only to find that the nearby road was anything but isolated: cars and trucks raced by, headlights glaring. But we persevered, and in the end Spot provided an excellent evening of observing. For all but Dee, it was our first really good look at the Southern Cross and the other constellations visible only south of the equator, and it was thrilling. Bruce had a startling confrontation with a small critter padding silently by in the dark, its eyes blazing blue in the headlights of a passing car; we later learned it was probably a ferret. We capped the evening by watching a New Year’s fireworks show over the lake.

Back on the road, we perceived a scientific phenomenon: grazing cattle had created circular paths around the steep, grassy hills, and we surmised that they must go one direction in the northern hemisphere and the other in the south. Jim dubbed this the “cowliolis effect,” a joke that came up repeatedly during the trip.

continued on page 11...
We arrived in Havelock North, got situated at the motel, and went in search of the Stardate site. It proved to be on the other side of a scenic river, near an impressive rugged hill called Te Mata Peak, from which we later got wonderful photos of the surrounding area, including Hawke’s Bay.

The rest of our TAAS gang showed up over the next couple of days, in time for the official opening of Stardate 2014. The chief organizer was a young man from Wellington named Edwin Rodley, who we learned was newly engaged: his fiancée was there as well, friendly and helpful.

Most of the New Zealanders attending the event had set up tents on the edge of the observing field, and the party was well under way by the time we arrived. The field was well situated, except for one very large tree at the western end—our TAASers chose to set up at the eastern end. We attempted to observe on the night before the Stardate officially opened, but were stymied by passing clouds that provided tantalizing glimpses of stars through “sucker holes” but little clear sky.

Stardate was an informal affair, to say the least, but during the day, there were talks and presentations, including three from our group: Barry showed off his marvelous 13-inch collapsible telescope, his own invention, which actually fit inside a suitcase; this device was the object of much discussion and admiration by the Kiwis. Dee spoke about the activities and goals of TAAS, well-illustrated by photos of various TAAS-sponsored events in and around New Mexico. On the last night of the Stardate, Jim Fordice presented a talk originated by Dee—“The Vastness of the Universe in Four Acts.” All were very well received by our hosts.

To say that the Kiwis were friendly and welcoming is an understatement. It’s hard to imagine a more congenial bunch, and knowledgeable as well. John Drummond, from the town of Gisborne, was nothing short of an encyclopedia of the southern sky, and shared his knowledge freely, deep into the night. Another popular guide to the sky was Ian Cooper, from Palmerston North, rough-hewn and very funny, and co-author of Southern Sky: An Amateur Astronomer’s Guide.

We enjoyed one absolutely perfect night of observing while the entire TAAS group was there. Not only did we see all the major constellations and objects we had hoped to observe, but many smaller and less obvious objects located for us by Drummond and Cooper, using laser pointers—and, like icing on the astronomical cake, we saw three passes by the brilliantly reflective International Space Station, racing across the sky.

South of the equator, constellations familiar to those of us from the north are inverted—a phenomenon disorienting to some.

“Though I think of myself as adaptable,” Amy writes, “I never adjusted to seeing Taurus, Orion, and Canis Major upside down. In fact, the cognitive dissonance was so great, I had to turn my back on the northern horizon … I could have been not only in a different hemisphere, but also on a different planet!”

As the Stardate event wound down, we TAASers again became tourists: Jim and Elaine flew south to Queenstown, New Zealand’s highest-rent district, in an eye-popping setting of mountains and lakes. From there, I flew back to Auckland and home, while the remaining three (Dee, Barry, and Dick) moved on to Milford Sound, another display of natural grandeur.

We visited Christchurch, where Jim took his leave, then boarded a train that took us across the island, over rugged mountains to Greymouth on the west coast (the Tasman Sea, no land from there to Australia). Renting another car, we went down the coast to the vast blue Fox Glacier and its spectacular view of Mt. Cook (Aoraki, to the Maori) beyond, and finally inland to Queenstown, New Zealand’s highest-rent district, in an eye-popping setting of mountains and lakes. From there, I flew back to Auckland and home, while the remaining three (Dee, Barry, and Dick) moved on to Milford Sound, another display of natural grandeur.

We all returned home rich with memories of the land and the sky and—as Amy put it—“the kindness and openness” of the people of Stardate. We hope to see many of them again, on our turf, for the total solar eclipse that will be seen across the U.S. in August of 2017.
M1, the Crab Nebula,
captured on December 2, 2013, in my Albuquerque backyard.

The Crab Nebula is the remnant of a supernova observed by Chinese astronomers in 1054. It is about 6.5 light-years away in the Perseus arm of the Milky Way. It is located in the constellation Taurus.

22 x 10 min subs taken with an SBIG 4000XCM camera and an IDAS LP2 light pollution filter mounted on an 11" Celestron HD Edge with focal reducer, operating at 1960 mm focal length. The mount was a Losmandy G11; the cameras guide chip controlling the mount through CCDSoft provided guiding.

Processing was done in DSS and Photoshop. The image was cropped for aesthetic effect.

—Vance Ley

The Rosette Nebula

18 x 10-min subs taken with an SBIG 4000XCM camera mounted on an AT 65 apochromatic refractor operating at 420mm focal length with an IDAS LP2 light pollution filter. The cameras 15.2 mm square chip yields a crop factor of 2.01, so that the effective focal length, compared with a 35mm camera, is 845mm. The mount was a Losmandy G11.

Processing was done in DSS and Photoshop.

—Vance Ley
M82 with Supernova

The supernova appears as a white dot inside the galaxy.

Equipment: AT8RC f/8, SBIG ST8300M FW5, iOptron iEQ45 mount. No autoguiding due to unknown problem with equipment. LRGB (30:30:30:30) x 1 minute for total of 2 hours.

Software: CCDSoft V5, Nebulosity V3, Photoshop Elements V9 and Astronomy Tools. [Cropped for publication. —Ed.]

Location: Tijeras near Oak Flat on back patio, January 27 from 7:30 to 11:00 p.m. MST.

—John Laning
Welcome to New and Returning TAAS Members

David Cox
Richard Hassi
Ernesto Jayme
Dennis Kane
Ninon Morrison

Donations to TAAS

GENERAL
Leonard Duda

EDUCATION
Ninon Morrison

DARK SKY
Felix Cerna

The Albuquerque Astronomical Society is a 501(c)(3) organization. Donations are deductible as charitable contributions on the donor’s federal income tax return.

Location, Location, Location

- Chaco Canyon
  6185’ elevation
  Latitude  Longitude
  36° 01’ 50”N   107° 54’ 36”W

- Oak Flat
  7680’ elevation
  Latitude  Longitude
  34° 59’ 48”N  106° 19’ 17”W

- UNM Campus Observatory
  5180’ elevation
  Latitude  Longitude
  35° 05’ 29”N  106° 37’ 17”W

For security reasons, GNTO location is available by request only, so please contact Mike Molitor, GNTO Director, for GNTO information.

Explanation of Dues and Membership Renewal Date

New memberships will be posted as beginning the first day of the month regardless of what day during that month the check is received. Notice of renewal will be sent out the month before the due date. You will have until the end of the month after your renewal date to send your membership check.

If you fail to pay and renew at that time, your membership will lapse. When you pay on a lapsed membership you will be reinstated in the month that the membership was originally due. (If dues were due in March and you did not renew until May or June or July, etc., the date of your renewal will be in March. If your dues are due in April and you pay in March, your membership will still be renewed in April.)

In a nutshell, if you pay late or early your membership date stays the same and your next year’s dues will be due on that date next year.

—Dan Clark

Monthly Membership Report

December 2013

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Editor’s Note

The deadline for the next issue of The Sidereal Times is Friday February 28. The newsletter editor’s e-mail address is TAASeditor@gmail.com.

Text: E-mail text as an attachment, preferably in Microsoft Word or compatible format.

Photos: Caption and credit needed. Attach photos or graphics in separate graphics files. Photos or graphics in Word files are no longer acceptable.

Membership Services

for:
• Membership Inquiries
• Events Information
• Volunteer Opportunities

Contact Bob Anderson at membership@TAAS.org

for:
• Membership Dues
• Magazine Subscriptions
• Address/e-mail changes

Contact Dan Clark at treasurer@TAAS.org

P.O. Box 50581
Albuquerque, NM 87181
### 2014 TAAS Board of Directors/Staff

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<td>President</td>
<td>Steve Snyder</td>
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### Staff

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Map to Regener Hall
(Not to scale)