

Vol. 129 Number 4

Wednesday, August 16, 2017

McINTOSH

Since 1888

Times

Hub of the Thirteen Townships

McIntosh, Minnesota

\$1.00

LOCAL NEWSPAPERS
celebrate

150 YEARS
of COMMUNITY

HONORING
OUR PAST



CELEBRATING OUR FUTURE

150

years

MINNESOTA
NEWSPAPER
ASSOCIATION

Richards is the Publisher for the following newspapers.
The Canary section provides coverage to all of these areas.
Leader Record Bagley, Clearbrook, Fosston, Gonvick, Gully, Leonard, Shevlin and Trail
McIntosh Times Erskine, Fosston, McIntosh and Winger
Grygla Eagle Gatzke, Goodridge, Grygla and Wannaska
Oklee Herald Brooks, Oklee, Plummer, Trail and Red Lake Falls.
Tri County Canary (3,484 distribution) - Includes all publications above

ADVERTISING IN THE NEWSPAPER?

Type of ad	Per Column Inch
Display Ad Canary	\$5.00
Display Ad Local Newspaper	\$3.50
Canary Classified Ad - \$1.00 per line	Minimum charge \$5.00
Local Classified Ad - \$1.00 per line	Minimum charge \$5.00
Legal - per inch	1st week \$5.00 2nd or more weeks \$3.00

You now have the option to view the news online or in print or both!

- ONLINE only \$25.00 per year.
- Newspaper subscription \$25 or \$30 per year, depending on the area you live. If you subscribe to the newspaper edition you can also view online for FREE. Just call the Leader Office at 487-5225 and we will get you started. (We require an email address to get online.)

Check us out at www.TriCoCanary.com

- Leader Record • Grygla Eagle • Oklee Herald
- McIntosh Times • Tri County Canary

August 21: A total eclipse of the sun, what will we see?

On Aug. 21, a total eclipse of the sun will arc across the country from Portland, Ore., to Charleston, S.C., in a 70-mile-wide ribbon. It will be the first total solar eclipse visible from the United States since 1979 and the first to sweep the entire nation in 99 years.

Minnesota won't lose the sun completely; 84 percent of the phenomenon will be visible from the state, not enough to weaken the sun's energy much or darken the sky.

The cosmic magic won't last long. At its greatest duration — just southeast of Carbondale, Ill. — the sun, moon and Earth will all align for two minutes and 40 seconds.

What is a total solar eclipse?

A total solar eclipse occurs when the disk of the moon appears to completely cover the disk of the sun in the sky. The fact that total solar eclipses occur at all is a quirk of cosmic geometry. The moon orbits an average of 239,000 miles (385,000 kilometers) from Earth — just the right distance to seem the same size in the sky as the much-larger sun. However, these heavenly bodies line up only about once every 18 months.



Outside the path of totality, skywatchers in the continental U.S. and other nearby areas will see a partial solar eclipse, in which the moon appears to take a bite out of the sun's disk. Two to five solar eclipses occur each year on average, but total solar eclipses happen just once every 18 months or so.

What will I see during a total solar eclipse?

During a total solar eclipse, the disk of the moon blocks out the last sliver of light from the sun, and the sun's outer atmosphere, the corona, becomes visible. The corona is far from an indistinct haze; skywatchers report seeing great jets and ribbons of light, twisting and curling out into the sky.

"It brings people to tears,"

Rick Fienberg, a spokesperson for the American Astronomical Society (AAS), told Space.com of the experience. "It makes people's jaw drop."

During totality, the area inside the moon's shadow is cloaked in twilight — a very strange feeling to experience in the middle of the day. Just before and just after totality, observers can see this cloak of darkness moving toward them across the landscape, and then moving away.

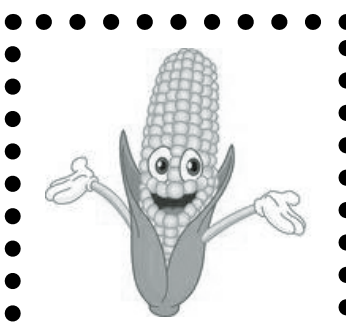
These effects are not visible during a partial solar eclipse, so skywatchers are encouraged to see if they are inside the path of totality during the total eclipse.

Where will the total solar eclipse be visible?

The path of totality for the Aug. 21, 2017, total solar eclipse is about 70 miles wide and stretches from Oregon to South Carolina. It passes through Idaho, Wyoming, Nebraska, Kansas, Missouri, Illinois, Kentucky, Tennessee, Georgia, North Carolina and South Carolina.

When will the total solar eclipse occur, and how long will it last?

Eclipse... Continued on page 4...



Corn for Kids!

The McIntosh Community Club will host their annual corn feed on Thursday, August 17, 2017 from 5:30 pm to 6:30 pm.

Come out to Roholt Park (Lion's Park) to enjoy hot dogs, fresh corn on the cob, and refreshments. A free will donation to benefit kids events within the community!

Everyone welcome! See you there!

McIntosh Tractor Day

Calling all Antique Tractor Owners
On Saturday, August 26th there will be an Antique Tractor Parade starting at 11:00 am in McIntosh. The parade line up will be at Erickson Park. There will be bleachers set up for spectators, but it is always a good idea to bring your own chair.

Food, Water and pop will be for sale at the old football field where the Antique Tractor Pull will start at 2:00pm. There will also be a kiddie tractor pull in front of the McIntosh Fire Hall between the parade and tractor pull.

Win-E-Mac Open House

There will be an open house for school parents and community members at Win-E-Mac School on Wednesday, August 30th from 5:00 pm to 7:00 pm.

Students and parents will be able to meet teachers, visit classrooms, pay lunch and activity fees, pick up class schedules and bus route schedules, sign up for access to student information on the web, pick up a school calendar and a number of other tasks to prepare for the upcoming 2017-2018 school year.

Information areas will be set up in the commons area of the school for students and parents.

The new school year will start on Tuesday, September 5th for Win-E-Mac students.

If you have questions, contact the school at 218-563-2900.



ST. MARY'S CHURCH Fosston Fr. John Suvakeen, Pastor

Tues. Aug. 15: Holy Day. 6:00pm Rosary; 6:30 Mass at St. Mary's, Fosston

Sun. Aug. 20: 8:00am Confession; 8:30am Mass at St. Mary's, Fosston; 10:30am Mass at St. Joseph's, Bagley

Sun. Aug. 27: 8:00am Confession; 8:30am Mass at St. Mary's, Fosston; 10:30am Mass at St. Joseph's, Bagley

Wed. Aug. 30: 11:30am Mass at St. Mary's, Fosston

Sun. Sept. 3: 8:00am Confession; 8:30am Mass at St. Mary's, Fosston; 10:30am Mass at St. Joseph's, Bagley

If you have any questions please call 435-6484.

CALVARY-IMMANUEL LUTHERAN PARISH Winger/Bejou Supply Pastor Gordon Syverson

Sun. Aug. 20: 8:30am Worship at Immanuel; 9:45am Worship at Calvary

Sun. Aug. 27: 8:30am Worship at Immanuel; 9:45am Worship at Calvary

OURS SAVIOR'S LUTHERAN CHURCH (ELCA) McIntosh

Supply Pastor Gordon Syverson

Sun. Aug. 20: 11:15am Worship Service.

Sun. Aug. 27: 11:15am Worship Service.

GOSEN LUTHERAN CHURCH Independent Gary Johnson, Pastor www.gosen-church.com

Face Book: Gosen Church

Wed. Aug. 16: 1:30pm Bible Study at The Country Place; 7:00pm Bible Study at Don & Sharon Ramberg's

Sun. Aug. 20: 9:30am Sunday School and Adult Bible Study; 11:00am Worship Service

Tues. Aug. 22: 10:00 a.m. Sunday worship service telecast on Garden Valley Cable TV--Channel 2

Wed. August 23: 1:30pm Bible Study at The Country Place; 7:00pm Bible Study at Don & Sharon Ramberg's

For information on free rides to any of the above activities call 218-268-4242 or 218-687-3461 Gosen Church is located 4 miles south of the junctions of Hwy. 2 & 59 or 4 miles north of Winger; then ½ mile east on County Road 206.

MCINTOSH AFLC McIntosh Trinity / Mount Carmel:

Pastor Karl Anderson

Thurs. Aug. 17: 7:00am Men's Breakfast at Mt. Carmel

Sun. Aug. 20: 9:30am Worship at Mt. Carmel; 11:00am Worship at Trinity

Thurs. August 24: 7:00am Men's Breakfast at Mt. Carmel

Sun. August 27: 9:30am Worship at Trinity; 11:00am Worship at Mt. Carmel

VERNES LUTHERAN CHURCH (LCMC) McIntosh

Pastor Jill Torgerson

Sun. Aug. 20: 9am Worship

Sun. Aug. 27: 9am Worship

DOVRE FREE LUTHERAN Pastor Don Edlund

Wed. Aug. 16: 7:00pm Bible Study

Sun. Aug. 20: 10:00am Worship Service

Wed. August 23: 7:00pm Bible Study

Sun. August 27: 10:00am Worship Service

Wed. Aug 30: 7:00pm Bible Study

IMMANUEL LUTHERAN CHURCH McIntosh Rev. John Anderson, Pastor

Sun. Aug. 20: 9:45am Fellowship/Coffee Hour; 10:45am Divine Worship with Holy Communion

Sun. Aug. 27: 9:45am Fellowship/Coffee Hour; 10:45am Divine Worship

Holy Communion 1st and 3rd Sundays



Nearly all of the Leo Bauer family was on hand to celebrate the 60th Birthday of their sister JoAnne on Saturday night at The Coop Bar in McIntosh. Pictured are: (l-r) Mary Lefeld of McIntosh, Rose Uebe, Fosston, Theresa Horgashiemer, McIntosh, Al Bauer, Erskine, JoAnne Martin, Fosston, Marty Malone, McIntosh and Tom Bauer, who was home for his first visit in about 20 years, from Prescott Valley, AZ. Not pictured is the family's oldest brother, Leo F. Bauer from Granden, ND.

The end of an era, part 2

In 1952, Rosetta Thompson's health began to fail and her son, Harald, a student at Concordia College in Moorhead, returned home to help manage the business. He became acquainted with Adella Sylbester, a teacher of third grade in the McIntosh School, who was boarding at the house of Clara Vaatveit. They were married on July 23, 1953. Their children, Ann, Naomi, Ruth and Mark all helped out at the store during and after their school years.

During the time that Harald and Adella owned the hardware business, many changes occurred. There were services that expanded, while others faded away. The store had three specialty departments: carpet and floor covering, appliances and plumbing supplies.

Over the years, you could always find Harald at the hardware store and familiar faces such as Roalnd Habeant who was a service technician for appliances and chain saws, and Veronica Knudson, who could always find you the right paint color.

On May 7, 1988 the Abrahamson Hardware celebrated its Diamond Jubilee with store-wide promotions, drawings and an open house. They were one of only 29 stores in the Our Own Hardware network of over 1,100 stores in all, who were recognized for 75 years of service to the customers in their community.

As well as Harald running the hardware store and Adella teaching at McIntosh school, the couple and family were also very active in the local community, often seen working during events and festivities.



Notice of Meeting: Vesledahl Wetland Mitigation Project

The Sand Hill River Watershed District will host an informational meeting on Thursday, August 17th at 7:00 pm at the Winger Community Center to update area landowners on MnDot, BWSR, and DNRs history, current, and future, plans for the 2,400 acre wetland mitigation project.

All the agencies will be represented and will be there to answer questions.

The Watershed District will also give a presentation on what is needed to establish a legal ditch system in the area to address current and future drainage issues.

Please contact anyone you feel may be interested and plan on attending.

This is a very important meeting to gather input from area landowners. This input will be used to make decisions as we move forward.

Carlin
FAMILY FUNERAL SERVICE

MEMORIAL DESIGN & SALES
A permanent memorial to last generations

TIM AND RHONDA CARLIN
218-435-1144
TIM@CARLINFUNERAL.COM
WWW.CARLINFUNERAL.COM

MAC TO FLUSH WATERLINES

The City of McIntosh will be flushing waterlines and hydrants each Thursday throughout the summer.

Residents are encouraged to watch for rusty or dirty water on these days. Fill washing machines to check water before adding clothes.

BUSINESS & PROFESSIONAL GUIDE

This space for rent at \$127.40 for 6 months.

CALL 218-563-3585

Carlin
FAMILY FUNERAL SERVICE

"Caring service for three generations"

(218) 435-1144

Funeral Home ~ Cremation Service ~ Granite Memorials

ANDERSON FAMILY
FUNERAL HOME & CREMATION SERVICE

719 N. Main 644 Main St.
Mahnomen, MN Winger, MN

**Paige Ennen *Kelly Woltjer*
**Tim & Denise Anderson*
*Licensed Funeral Director

218-935-9000
Toll free: **866-935-9009**

Is There A Wedding In Your Future?

We have the latest designs for wedding accessories - or, if you choose, we can assist with a design of your own.

LET US HELP MAKE YOUR WEDDING DAY MEMORABLE.

487-5225 Gonvick, MN

Richards Publishing Co.

McINTOSH Times

PUBLISHED WEEKLY IN THE HUB OF THE THIRTEEN TOWNSHIPS BY RICHARDS PUBLISHING CO., INC.

RICHARD D. RICHARDS, PUBLISHER
KIM HEDLUND, EDITOR

McIntosh • (218) 563-3585

"McIntosh Times" (USPS 336-020) is published weekly for \$25.00 per year (in county) and \$30.00 per year (out of county) by Richards Publishing Co., Inc., 1st & Main Ave., Gonvick, MN 56644. Periodicals postage paid at McIntosh, MN.

POSTMASTER: Send address changes to:
McIntosh Times, PO Box 9, McIntosh, MN 56556.
mcintoshtimes@gmail.com

"Serving the Win-E-Mac area"

PUBLISHER'S LIABILITY FOR ERROR: The Publisher shall not be liable for slight changes or typographical errors that do not lessen the value of an advertisement. The Publisher's liability for other errors or omissions in connection with an advertisement is strictly limited to publication of the advertisement in any subsequent issue or the refund of any monies paid for the advertisement.

Do you have a story to share?

If you have a story, a story idea or any photos you want to share, please send to: mcintoshtimes@gmail.com

THE WINGER ENTERPRISE

3

Wednesday, August 16, 2017

Winger News Linda Pulskamp

Hello again and greetings from Winger and the Union Lake areas where we have another week behind us and already are more than a week into August. The weather finally got to be more tolerable here and is so welcome. Cool in the mornings, hotter in the afternoon and cool at night, is good to be able to leave the windows open and have the fresh air come in. The only thing lacking is the rain, several times showers have come and gone only to miss us.

Small grain harvest is well under way along with another cutting of hay being done. Garden produce is being picked and being frozen or canned to taste so good during the cold days next winter.

Craig Johnson of Monticello was a house guest last week end at the Pulskamp home. Saturday evening Craig and Butch and Linda were in Thief River where they spent the evening at River Fest! Friends of Craig's, "Confederate Railroad" was the final concert Saturday night.

Wednesday the 2nd Judy Gieseke was a visitor and dinner guest of Milton Carlson's at the Carlson home. Later in the day Josh and Dominic Carlson and Carson Benesh walked to Milton's for a visit.

Last Sunday Mark and Betty Syverson were visitors with Helmer and Verlys Homme at the Pioneer Home at Erskine.

Last Saturday visiting at the Pulskamp home were Dean Johnson, Kelly Johnson and Granddaughter Lilly along with house guest Craig Johnson.

Sheila and Carson Benesh were Monday visitors with Milton Carlson at the Carlson home.

Noel and Sheri Aasen of Reedsport, OR spent 2 weeks the end of July visiting with Camilla (Aasen) Pearsall and family in Minnetonka. They had a wonderful time together.

Chad Carlson stopped in for a visit with Milton Carlson at the Carlson home bringing with him doughnuts as a treat.

Lucy Brtek spent 5 days over last week end as a house guest

at the Dave and Elaine Hendrickson home in Minnetonka. She went especially to attend the 80th birthday party for Brother in law, David which was held at the home of Hendrickson's daughter Vicky's in Chanhassen and was hosted by the Hendrickson children. She was also able to celebrate her "Baby" Amy's 43rd birthday while she was down there. It was a busy and fun filled week end.

Dick and Wanda Donovan of St. Francis arrived on Friday the 4th at the Milton Carlson home to spend a few days visiting with Milton and other family members.

On Saturday the 5th Dustin and Dusty Wayne Carlson were visitors at Milton Carlson's home and helped to cut down a tree that needed attention. They joined Lonnie and Judy Gieseke, Milton and Dick and Wanda Donovan for dinner that was prepared by Wanda at noon that day.

Tuesday the 8th, Sheldon and Rita Trandem were visitors with Helmer and Verlys Homme at the Pioneer Home at Erskine.

Sunday morning Paul Carlson was a coffee guest at the Milton Carlson home and visited with house guests Dick and

Wanda Donovan.

Tuesday afternoon Linda Pulskamp and Marv Engesether were visitors at the Reha Sanstead home in Erskine.

Lonnie and Judy Gieseke, Milton Carlson and Dick and Wanda Donovan had a very pleasant visit while enjoying Sunday dinner together. Later on Sunday Dick and Wanda and "Pepper" returned to their home in St. Francis.

Linda Pulskamp visited in Fosston on Wednesday afternoon with Lynda Loiland.

Tuesday the 8th Donna Carlson visited with Milton Carlson at Milton's home bringing with her cookies and corn on the cob for Milton to enjoy.

Once again this is the bits of news I have collected and am open to lots more! Please call.

In closing, every accomplishment starts with the decision to try.

From Bun Manor:

Sat. evening Joyce Balstad, Dick and Karen Hagen, Pat and Karen Rolf along with Lois Ostenaar and her sister Rita Tobias enjoyed supper at Morans in Winger. They enjoyed each others company and nobody went home hungry.

Sunday afternoon found the Winger fantasy football team doing their draft picks at the Bun Manor. Seems hard to believe that it is already football season again.

There are two new rookie members this year. They are

Scott (Scooter)Sandberg and Kory Sonstelie. Steve Massmann made the boys prime-rib and jumbo shrimp. The boys know how to throw a draft party.

Detroit Lakes was abuzz when Ole made his debut appearance at the Western Entertainment Festival (WE Fest) on Aug 3rd-5th. Dale joined Ole along with the Perkewicz Boys and Matthew from DL. They were also joined by many of the usuals from Bemidji along with some newcomers.

They were able to meet at Matthew's in the morning for showers and some breakfast before the festivities started. Haley had to work but was able to join the group at the campground before her shift. The group had a great time but did concede that they are happy WE Fest only happens but once per year.

Friday evening Steve and Lorri Massmann went back home to Alexandria where they spent the night with Lorri's sister Jodi and family. The next day found Steve visiting his parents and brothers Bob and Bruce on the family dairy. While there he helped get equipment ready for harvest and had dinner with his folks and brother Bruce. Later in the afternoon Steve and Lorri took in Steve's 40th class reunion. A good time was had catching up over years gone by and wondering how the years went by so fast.

After a delicious meal and plans to meet in five more years, goodbyes were said and everyone went on their way. After breakfast with Steve's folks it was time to get back to Winger and start preparing the meal for the annual fantasy football draft at the Bun manor. Weekends sure seem to go fast.

Pictured right: 30 years ago...1987: Three former McIntosh schoolmates with their new babies enjoyed a neighborhood baby shower, Tuesday, August 18th at the Sherman Tranby home in McIntosh. Pictured are (back row): Grandmothers, Irene Sannes, Adella Thompson, and Ruby Heideman; (front) Marilyn (Sannes) Graff with daughter, Janelle, Naomi (Thompson) Hillgartner and son, Daniel, and Deb (Heideman) Stainbrook and daughter, Jessica.



40 years ago...1977: Winger children waiting for the 3:15 bus are as follows: Angela Lucken, Chad Paul Carlson, Jordan Dale Heichman, Billy Kaupang, Michael Balstad and Dale Balstad. Supervising them on the playground each day is Calvin Skeie, Winger School caretaker.



20 years ago...1997: Puppet shows and Vacation Bible school go hand-in-hand. Directors of the puppet show at Our Savior's Lutheran Vacation Bible school were Angela and Amber Breckel. Holding the puppets are Janelle Graff, Kelsie Ostenson, and Kat Senn. Children behind the puppets are Amber Evans, Crystal Tofstad, Adam Jore, Brittany Kerssen, Kelland Bjerke, and Kassie Schow.



10 years ago...2007: The second annual get together of the "Fomer Mac Gals" day out included (left to right): Patty (Goodwin) Benson, Myrna (Pearson) Schmidt, Eileen (Hegg) Tommervik, Becky (Brundyson) Vesledahl, Jackie (Knudson) Lindseth, Pam (Bjella) Dillie, and Linda (Grundyson) Smith.

Regional Ag News

Ed Gindele,
Extension Educator

Declining Oak Trees

Does your grand oak look a little rough? Is your oak tree dying? There isn't a clear answer for every oak. Several culprits could be the cause of your oak trees decline. Anthracnose, bur oak blight, oak wilt, or even two-lined chestnut borer are just a few causes of oak decline.

Oak anthracnose is caused by the fungus *Discula quercina*, and lives on infected twigs and leaves. Jill Pokorney from the University of Minnesota's Plant Disease Clinic has reported extreme cases of oak anthracnose this year. This is due to the wet spring and summer we have had. The fungus spores were able to move around readily throughout the tree with splashing water and cause infection more broadly throughout the entire tree. In addition, high humidity creates ideal conditions for the spores to multiply and spread. Symptoms can include misshaped leaves with black spots or blotches that can expand, turn brown, and dry out. Anthracnose can also cause leaf and shoot dieback which result in clusters of dead leaves clinging to the tree. Premature dropping of leaves is another symptom of anthracnose.

Typically anthracnose will not cause severe damage and the tree will be able to survive. However, due to other stresses, such as drought, the anthracnose may prevent enough photosynthesis for the tree to survive. To minimize the chance of reoccurrence and repeated stress to the tree, dispose of the leaves once they drop by burning them or disposing of them in a refuse.

Bur Oak Blight is a serious leaf blight disease but it only impacts bur oaks. True identification of the tree should be done. Symptoms of bur oak blight appear in late July or August. Infected leaves have purple-brown lesions along the mid-vein and large lateral veins on the underside of the leaf, which later become visible

on the topside of the leaf. This leads to large, wedge-shaped areas of chlorosis and necrosis, yellowing and death of tissue. The infection continues and causes large areas of the leaf to die, eventually giving a wilted or scorched appearance. Over time, the infected trees may die because the tree is stressed and now is susceptible to secondary invaders such as insects. Management may include injections of the fungicide propiconazole in late May or early June. However confirmation of bur oak blight should be done through a laboratory test before any treatment is done. The US Forest Service has a publication highlighting Bur Oak Blight: <http://z.umn.edu/ywf>.

Oak wilt is caused by a nonnative fungus *Certocystis fagacearum*. Oak wilt spreads most commonly through root grafts of similar species, but can also spread above ground by oak sap beetles that carry the fungus from tree to tree. The red oak group, including the Northern Pin, Red, Black, and Scarlet are highly susceptible to infection.

Oak wilt in red oaks can be identified by rapid wilting from the top of the tree down. It infects a few branches at a time, and leaves will begin to drop rapidly. Leaves that drop may be brown, green, or a combination. Once symptoms first appear, the red oak will generally wilt completely in two to six weeks. White oak group, including bur, white, and bicolor, are also susceptible at a lower level. This group of oaks can sometimes live with the disease for a long time before dying. This gives the tree owner the opportunity to have the tree treated by a tree care professional.

Preventing the spread of oak wilt by root grafts is difficult; stopping the spread of fungus through the roots requires the use of a mechanical vibratory plow with a five-foot blade. Minimizing the spread

over land by insects can best be accomplished by not pruning oaks during the months of April, May, and June. Risk level drops to low from July through October, but the best time to prune oaks is November through March since the fungal pathogen and the insects are not active.

The two-lined chestnut borer, *Agrilus bilineatus* is a beetle that impact oaks. The two-lined chestnut borer is bluish black in color with two light stripes running down the wing covers. Larvae are about one inch long, white in color, and have two spines at the tip of the abdomen. If a tree is infested with this bug it will exhibit wilting in the upper canopy's leaves that turn brown but may remain attached to the branch for several weeks.

The exit holes of the insect found on the trunk are about 1/8-inch and "D" shaped, and the larvae will create "S" shaped galleries underneath the bark. Damage is usually visible mid to late summer. Since infestation of the two-lined chestnut borer is typical in stressed oaks, encouraging good tree health and using good management practices is the best prevention. Pesticides are available on the market for high-value trees; products containing carbaryl, bifenthrin, or chlorpyrifos can be used. Be sure to read and follow all safety and application instructions.

To help ensure the health and vigor of all trees, watering, mulching, and proper pruning are all important steps a landowner can do. Trees need approximately one-gallon of water per every inch of DBH (diameter at breast height) per week. Mulching helps maintain a more consistent, cooler soil temperature and even moisture. Proper pruning helps remove dead, damaged, and diseased branches as well as

Ag news...

Continued on page 4...

Eclipse...

Continued from page 2

The timing of the total solar eclipse and its duration both depend on where you are inside the path of totality.

At most, the moon will completely cover the disk of the sun for 2 minutes and 40 seconds. That's about how long totality will last for observers positioned anywhere along the center of the path of totality. As you move toward the edge of the path, the duration of totality will decrease. People standing at the very edge of the path may observe totality for only a few seconds.

Because the shadow of the moon will move from west to east, totality will occur later in the day the farther east you travel.

Do I need any equipment to view the eclipse?

Anyone planning to view the total solar eclipse of 2017 should get a pair of solar viewing glasses. These protective shades make it possible for observers to look directly at the sun before and after totality.

Sunglasses cannot be used in place of solar viewing glasses.

During totality, when the disk of the sun is completely covered by the moon, it is safe to look up at the celestial sight with the naked eye.

Binoculars are helpful for seeing more detail in the solar corona. Telescopes are not necessary, but some skywatchers may use low-powered telescopes to observe the sun's atmosphere during totality. Note that telescopes, binoculars and cameras must be fitted with solar filters before and after totality.

Pointing an unprotected lens directly at the sun can damage the instrument. NEVER look at the sun through binoculars, a telescope or a camera lens without a solar filter -- the magnified light can damage your eyes faster than looking at the sun unaided.

Skywatchers outside the path of totality will still be able to see a partial solar eclipse. Solar viewing glasses allow skywatchers to look directly at the moon's progress across the face of the sun. You can also view the progress of a partial solar eclipse using a pinhole camera.

How to View a Solar Eclipse Without Damaging Your Eyes

Your parents probably told you to NEVER look directly at the sun with your naked eye. In fact, you've probably been told that by lots of reputable source.

But according to NASA and four other science and medical organizations, it's OK to look at a total solar eclipse with the naked eye — but only when the face of the sun is totally obscured by the moon.

A total solar eclipse happens when the central disk of the sun is completely covered by the moon.

Many people have probably seen a partial solar eclipse, in which the disk of the moon appears to take a bite out of the sun's disk, but never fully obscures it. But total solar eclipses are a much rarer sight. In 2017, a total solar eclipse will cross the continental U.S. from coast to coast.

A joint statement from NASA and the four other organizations says that with the right information, skywatchers can safely view the total solar eclipse in its full glory with the naked eye.

Anyone in the United States on Aug. 21, 2017, will be able to see at least a partial solar eclipse. But only those people in what's known as the "path of totality" will see a total solar eclipse.

For the Aug. 21 eclipse, the path of totality is about 70 miles wide (112 kilometers), and extends from Oregon to South Carolina. Depending on where observers are located, the sun may be completely obscured by the moon for up to 2 minutes and 40 seconds.

"During those brief moments when the moon completely blocks the sun's bright face ... day will turn into night, making visible the otherwise hidden solar corona (the sun's outer atmosphere)," according to NASA's Eclipse website. "Bright stars and planets will become visible as well. This is truly one of nature's most awesome sights."

But in order to see this awesome natural sight, skywatchers need to know how to view the eclipse safely. In an effort to inform the public on this topic, an information guide on safe viewing has been written up and released by NASA, along with the American Astronomical Society (AAS), the American Academy of Ophthalmology, the American Academy of Optometry and the National Science Foundation.

Eye protection for looking at the sun

Looking directly at the sun without eye protection can cause serious eye damage or blindness. But there are ways to safely observe the sun. During a partial solar eclipse, people often use pinhole cameras to watch the progress of the moon across the sun's surface (pinhole cameras are easy to make at home). This is an "indirect" way of observing the sun, because the viewer sees only a projection of the sun and the moon.

To view the sun directly (and safely), use "solar-viewing glasses" or "eclipse glasses" or "personal solar filters" (these are all names for the same thing), according to the safety recommendations from NASA.

The "lenses" of solar-viewing glasses are made from special-purpose solar filters that are hundreds of thousands of times darker than regular sunglasses, according to Rick Fienberg, press officer for the American Astronomical Society (AAS). These glasses are so dark that the face of the sun should be the only thing visible through them, Fienberg said. Solar-viewing glasses can be used to view a solar eclipse, or to look for sunspots on the sun's surface.

But beware! NASA and the AAS recommend that solar-viewing or eclipse glasses meet the current international standard: ISO 12312-2. Some older solar-viewing glasses may meet previous standards for eye protection, but not the new international standard, Fienberg said.

"Manufacturers that meet this standard include Rainbow Symphony, American Paper Optics and Thousand Oaks Optical," according to the information sheet on safe eclipse viewing. "Homemade filters or ordinary sunglasses, even very dark ones, are not safe for looking at the sun."

Fienberg said some manufacturers are making solar-viewing glasses with plastic frames, rather than the traditional paper frames. While these may look like regular sunglasses, do not be mistaken. Sunglasses are never a substitute for solar-viewing glasses. Fienberg said some people may even try to view the sun through two or three pairs of sunglasses in an attempt to replicate the protective power of real solar-viewing glasses; however, even multiple pairs of sunglasses will not protect your eyes from sun damage.

Telescopes, cameras, binoculars and other optical devices need their own solar filters. Solar-viewing glasses are not a substitute for a proper solar filter on magnification devices.

Never view the disk of the sun through a telescope, binoculars or camera without a proper solar filter. Solar-viewing glasses are not powerful enough to protect your eyes from magnified sunlight.

Even if you are wearing solar-viewing glasses, viewing the disk of the sun through a magnification device will result in serious eye damage if the device is not equipped with a proper solar filter, according to the viewing safety sheet.

"The concentrated solar rays will damage the filter and enter your eye(s), causing serious injury," according to the safety recommendations.

"Seek expert advice from an astronomer before using a solar filter with a camera, a telescope, binoculars, or any other optical device."

Fienberg said there is no need for skywatchers to use a telescope during the eclipse, but a pair of binoculars can be helpful during totality.

But, as per the recommendations, do not attempt to look at the disk of the sun through binoculars, even with solar-viewing glasses.

Always inspect your solar filter before use; if scratched or damaged, discard it. Read and follow any instructions printed on or packaged with the filter. Always supervise children using solar filters.

Stand still and cover your eyes with your eclipse glasses or solar viewer before looking up at the bright sun. After glancing at the sun, turn away and remove your filter — do not remove it while looking at the sun.

Do not look at the unfiltered or partially eclipsed sun through an unfiltered camera, telescope, binoculars or other optical device.

What you'll see during a total solar eclipse

While Fienberg is adamant about eclipse-viewing safety, he is equally insistent that skywatchers should view the total solar eclipse with the naked eye, because the experience is like nothing else on Earth.

The sun's atmosphere "is

always there but we can't see it," Fienberg said. "Satellites in orbit that block out the bright disk of the sun can see it, but from ground, we don't see it except during totality. And it is just magnificently beautiful. It's awesome in the truest sense of the word. It just makes your jaw drop. The first time you see it you just can't believe how beautiful it is. And it brings tears to people's eyes."

The sun's atmosphere isn't a uniform haze like the Earth's atmosphere, Fienberg said. It's "a tangle of streamers and jets and loops and twists and all kinds of stuff because its controlled entirely by the sun's magnetic field, which is very tangled and twisted."

The chromosphere, the atmosphere closest to the sun's surface, "is an unbelievably beautiful, pure magenta-red color. If the chromosphere is active and there are eruptions going on on the edge of the sun, you'll see prominences — they look like flames or jets of this really beautiful hot-pink magenta gas that are extending out beyond the silhouette of the moon," he said.

None of these features will be visible to viewers wearing eclipse glasses.

Fienberg is an eclipse chaser; he has traveled all over the world to see total solar eclipses. On his very first eclipse-viewing trip, before seeing the event, he met a man who hosted a music radio show in the city where Fienberg lives. The radio host was an eclipse chaser, and Fienberg said he'd never heard the host talk about astronomy on his show.

"I'm not interested in astronomy," the man told Fienberg. "I'm interested in beauty."

"That that told me right

then on my first trip, this isn't just about astronomy," Fienberg said. "This is about beauty. This about being out in nature and being one with the universe — I mean it sounds silly! But you really feel like you're just part of it all and you're privileged to be able to see such a beautiful thing."

The unified message from Fienberg, NASA, the AAS and many other sources regarding the upcoming eclipse: Observe safely, and get to the path of totality on Aug. 21, 2017!

The best places to view the total eclipse: Salem, OR, Rexburg, ID, Lincoln, NE, Columbia, MO, Carbondale, IL, Nashville, TN, and Charleston, SC.

If you can't see it this time around, though, mark your calendar for the next total solar eclipse visible in the United States: April 8, 2024, just around the corner in eclipse terms.

Ag news...

Continued from page 3 ..

allows for more air movement in a tree canopy.

There can be many other causes to your oak tree's decline. Do some research and investigate your trees closely. Homeowners can send in a tree leaf sample to the University of Minnesota Plant Disease Clinic to determine the cause before jumping to any conclusion. To find a certified tree care professional, visit www.isa-arbor.org. For more information on health issues with oak trees visit <http://www.extension.umn.edu/garden/diagnose/plant/deciduous/oak/>

Source: Beth Berlin, University of Minnesota Extension, Stearns, Benton & Morrison Counties.

WEM School Announcements

Rising Stars Youth Dance Registration Night

Win-E-Mac Community Education

Monday, August 21, 2017

5:00-6:00 PM

Win-E-Mac Media Center

Classes to be held at Win-E-Mac School

Lil Stars – Enrolled Pre-school 4 year-olds, Kindergartners, & 1st Graders

\$120 for Entire Session (Plus Clothing Costs if needed)

–WEDNESDAYS 3:15-3:45

Starlettes- 2nd- 3rd Graders

\$135 for Entire Session (Plus Clothing Costs if needed)

- WEDNESDAYS 3:15-4:00

Super Stars-Grades 4-6)

\$140 for Entire Session (Plus Clothing Costs if needed)

- WEDNESDAYS 3:15-4:00

Register your dancers for Class

Order Performance Attire

Make 1st Installment Payment for dance class/uniform fees

Register Early as classes fill up/close Aug 22nd

Elementary and Jr. High football

Friday, August 18th Pick-up Gear and Schedules at the football shed

9:00 am 7th and 8th grade

9:30 am 5th and 6th grade

Monday, August 21st ELEMANTARY AND JR HIGH

PRACTICE 6:00pm -8:00pm

Tuesday, August 22nd ELEMANTARY AND JR HIGH

PRACTICE 9:00am-11:00am

Wednesday, August 23rd

ELEMANTARY AND JR HIGH

PRACTICE 9:00am-11:00am

Thursday, August 24thE-

LEMENTARY AND JR HIGH

PRACTICE 6:00pm - 8:00 p

Friday, August 25th EL-

ELEMENTARY AND JR HIGH

PRACTICE 9:00am-11:00am

Monday, August 28th Team

and individual pictures 3:00pm

ELEMANTARY AND JR

HIGH PRACTICE to follow

pictures, practice done at 5:30

pm

Tuesday, August 29th EL-

ELEMENTARY AND JR HIGH

PRACTICE 6:00pm -8:00pm

Wednesday, August 30thE-

LEMENTARY AND JR HIGH

PRACTICE 9:00am-11:00am

Thursday, August 31st Jr.

High game vs. Stephen-Argyle

Central @ Stephen 5pm

Tuesday, September 5th jr

high game vs. Newfolden @

Newfolden 4:30 pm

Practice will resume

Wednesday, Sept. 6th after

school from 3:30pm-5:00pm for

both Elementary and Jr. High.

Elementary has their first

game Sept. 8th at home. Will

need parent volunteers to help

in the concession stands.

Ad deadline:
Noon Friday

Win E Mac Schools ISD 2609

Erskine, MN

REQUEST FOR PROPOSALS

Notice is hereby given that

Win E Mac Schools ISD

2609

Requests proposals for:

Group Term Life & Long Term Disability Insurance

Specifications will be available from National Insurance Services, 250 South Executive Drive, Suite 300, Brookfield, WI 53005, Phone: 800-627-3660.

Proposals are due no later than 3 p.m. on Tuesday, August 29, 2017, at National Insurance Services, 250 South Executive Drive, Suite 300, Brookfield, WI 53005.

M20-21C

Legal Notice

NOTICE FOR WRITTEN BIDS

Polk County, Minnesota. Farmland (Knute Township)

Sealed written bids will be received at the Wambach & Hanson Law Office, PO Box 340, Mahnomn, MN 56557, for the purchase of the following real estate:

The Northeast Quarter (NE1/4), EXCEPT the following described tract: Commencing at a point on the East line of said Northeast Quarter 24 chains South of the Northeast corner of said Northeast Quarter, thence South along said quarter section line 6.1 chains, thence West and parallel with the South line of said Northeast Quarter 10.2 chains, thence Northeasterly to a point that is 9.1 chains West of the East line of said Northeast Quarter and 24 chains South of the North line of said Northeast Quarter, thence East to the point of beginning, all in Section Thirty-three (33), Township One Hundred Forty-eight (148) North of Range Forty-two (42) West of the 5th P.M. Parcel No. 45.00255.01. (Knute Township, Polk County).

The premises to be sold contain approximately 154.12 acres, with approximately 105 acres tillable; 43 acres non-tillable/wood/pasture; 3 acres wetland; and 3.2 acres roads.

Sealed written bids must be received at the Wambach & Hanson Law Office no later than 11:00 a.m. on August 31, 2017, together with an earnest money check of \$10,000.00 made payable to the Wambach & Hanson Law Office Trust Account. If you are not one of the highest five (5) bidders, your earnest money check will be returned. If you are one of the highest five (5) bidders, your earnest money check will be deposited and held pending the oral bidding. The earnest money of the high bidder at the oral bid raising will be kept pending closing and the earnest money of the unsuccessful bidders refunded.

All bids must state total bid price and not price per acre. The five (5) top bidders will be promptly notified of a date, time and place when they will be permitted to orally raise their bids. The successful bidder shall execute a purchase agreement at the conclusion of the oral bid raising. Closing date shall be within 45 days of the acceptance of the bid and purchase agreement by the owners.

Sellers reserve the right to reject any and all bids and/or to waive any irregularities in the bidding process. Sellers will furnish buyer's attorney up-to-date abstract evidencing good and marketable title with conveyance to be made by standard Minnesota warranty deed. Send bids to Wambach & Hanson Law Office, P.O. Box 340, Mahnomn, MN 56557, in an envelope marked "Danks - Polk County Bid."

WAMBACH & HANSON LAW OFFICE, P.C.
P.O. Box 340
Mahnomn, MN 56557
(218) 935-2266 Phone
(218) 935-2267 FAX
Email: ehanson@arvig.net

Keith Danks, Sr. and Kathleen Danks, Owners

M20-22C



There were many members of the Bauer family present at The Coop Bar in McIntosh on Saturday where the family (and friends) gathered together to celebrate JoAnne's 60th Birthday.