


REINHARD WITTICH, TAKEN MARCH 20, 2015 SVALBARD NORWAY, HDR, IMAGE NO FILTER.



FEBRUARY
THEO WELLINGTON
The Great American Eclipse—
Coming to Nashville August 21, 2017

THE NPC **HISTOGRAM** ⁰²/₁₇
THE NEWSLETTER OF THE NASHVILLE PHOTOGRAPHY CLUB

Theo Wellington

Amateur astronomer, photographer, and Solar System Ambassador volunteer, Theo Wellington, will speak about this summer's coming total eclipse. She has been fascinated with astronomy since childhood, which led to her earn a Bachelors of Science in astronomy. Theo is a long-running volunteer at Sudekum Planetarium and recently completed her tenure as president of the Barnard-Seyfert Astronomical Society.

On August 21 the path of a total solar eclipse crosses the entire United States—the first time this has happened in nearly a century, and the first total eclipse in the continental US since 1979. Since the eclipse path touches only the US, it is being titled “The Great American Eclipse”. The path neatly bisects the country, running from Oregon to South Carolina—including Nashville! The entire event from first contact through last is about 3 hours, with a maximum of 2 minutes, 40 seconds of totality in the center of the path. How much you experience depends on your exact location.

This event will offer the chance to photograph the Sun as rarely seen. Theo's presentation will cover how to safely observe and photograph the eclipse. For most of us, this is the first total eclipse we've ever seen, so the focus is on what a first time observer should do for an event that is almost impossible to practice for. She'll share advice from eclipse chasers, show examples, and also explore some of the software that can let your camera take images while you enjoy the eclipse experience.





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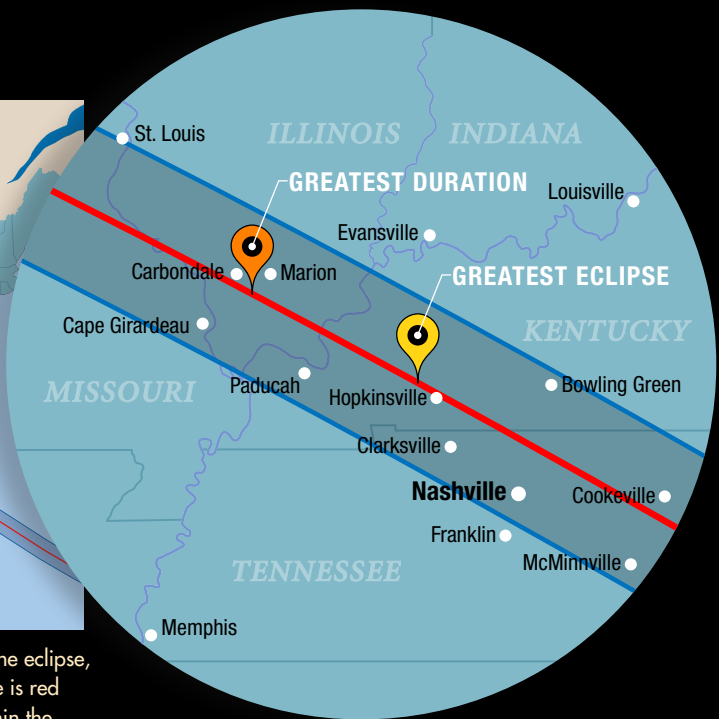


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The Great American Eclipse ☾ August 21, 2017



MAP DRAWINGS ©TOM VENTRESS
MAP DATA ©2017 GOOGLE

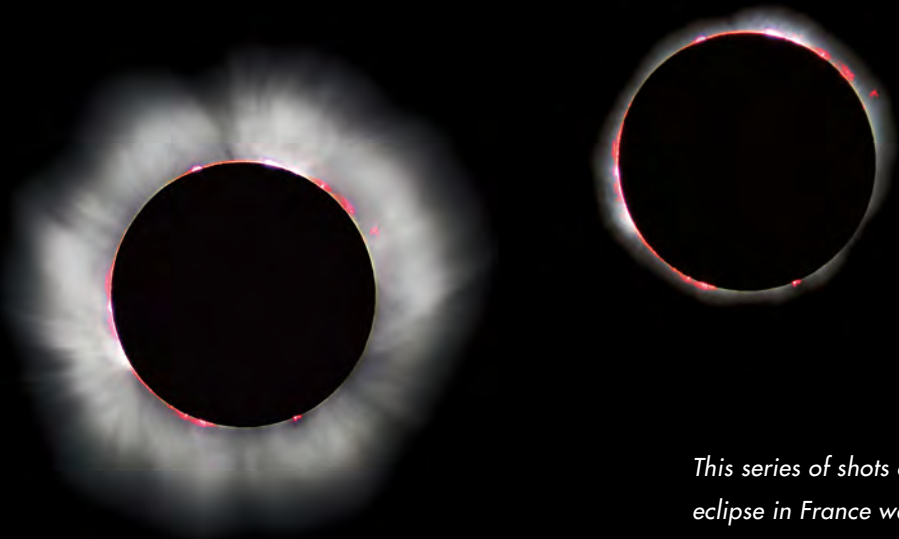


- The point of Greatest Duration is the location where the total eclipse lasts the longest along the entire path.
- The point of Greatest Eclipse is the instant when the axis of the Moon's shadow cone passes closest to Earth's center.

The gray swath on the map above and to the right indicates the central path of the eclipse, which is the area from which the total eclipse can be seen. The path's central line is red and the northern and southern path limits are blue. You must be somewhere within the central path to see the total phase of the eclipse. The eclipse duration will be longest along the central line. The greatest duration of totality will be 2minutes, 40.2 seconds.

So long as you are within several miles of the central line you will be able to observe totality of the eclipse, even if you are hundreds of miles from the point of Greatest Duration, which will be near Carbondale, Illinois. Nashville lies within the central path, so we'll be able to see the total eclipse from here, weather permitting. Watch the weather forecasts a day or two before August 21 and choose a location with the best chance of a cloud-free sky during the eclipse.

More information at: eclipsewise.com



This series of shots of the 1999 total solar eclipse in France was shot by Luc Viatour. See more of his work at www.Lucnix.be

CLUB LEADERS 2016-2017

ELECTED OFFICERS

Steve Mabry, *President*
 Roger Pruitt, *President-Elect*
 Tom Giese, *Secretary*
 Beth Brown, *Treasurer*
 Louann Dyer, *Assistant Treasurer*

BOARD MEMBERS

Dana Barrett, James Frazier,
 Pat Hollander, and Bill Scott

**VOLUNTEER OFFICERS
AND COMMITTEES**

CHARITY EVENT LEADER
 Jamie Bruner

EXHIBIT COORDINATOR
 Wayne Wilkerson

HOSPITALITY COMMITTEE
 Adraine Mealor

MEMBERSHIP
 Beth Brown

NEWSLETTER
 Tom Ventress

WEBMASTER
 Shelly Rosenberg

FOCUS GROUPS

ADVENTURE
 Bob and Jeanette Ellis, Brent Wright

BASICS
 Bill Kotas, Joe Fizer, Jim Bruner,
 Roger Pruitt & Rod Shean

DIGITAL
 Steve Choatie

NATURE
 Lisa Powers

JANUARY 2017 PHOTO OF THE MONTH THEME: UNMENTIONABLES



© KAREN RICHARD

RULES

- 1** You must be a member with dues paid up to date.
- 2** Photograph must pertain to the Monthly Theme (i.e. February's theme is The Last One).
- 3** Image size limits: Minimum 4"x 6" to Maximum 12" (long side).
- 4** Place ONE photo in the Folder at the table along the wall.
- 5** Photograph needs to be taken within the three months prior to the contest month.
- 6** You must be present to win.

UPCOMING THEMES

FEBRUARY: The Last One

MARCH: You Can't See It

APRIL: What Happened?

MAY: Go Figure

JUNE: He Said She Said

JULY: If You Were Jim Bruner

◀ **FIRST PLACE: Karen Richard**

© JANIS TOMANEK



◀ **SECOND PLACE: Janis Tomanek**

“The camera is much more than a recording apparatus, it is a medium via which messages reach us from another world.”

—ORSON WELLES (1915 – 1985)
 American actor, director, writer, and producer

ADVENTURE GROUP

MACRO WORKSHOP

Saturday, February 18, 12:00pm to 5:00pm

Lavergne Library Story Room

5063 Murfreesboro Road • Lavergne, Tennessee

CLUB MEETING

Tuesday, February 21, 6:30pm

Dury's • Crescent Plaza at 1021-A Murfreesboro Pike, Nashville, Tennessee

SPEAKER: Theo Wellington, President of the Nashville Astronomy Club and past-President of the Barnard-Seyfert Astronomical Society speaking about upcoming photo-ops that are out of this world and may eclipse anything you've done before.

PHOTO OF THE MONTH THEME: The Last One

CLUB MEETING

Tuesday, March 21, 6:30pm

Dury's • Crescent Plaza at 1021-A Murfreesboro Pike, Nashville, Tennessee

SPEAKER: Warren Verity

PHOTO OF THE MONTH THEME: You Can't See It

DIGITAL FOCUS GROUP

Thursday, March 23, 6:00pm • Goodlettsville Public Library, 205 Rivergate Parkway, Goodlettsville, Tennessee

CLUB MEETING

Tuesday, April 18, 6:30pm

Dury's • Crescent Plaza at 1021-A Murfreesboro Pike, Nashville, Tennessee

SPEAKER: To be announced

PHOTO OF THE MONTH THEME: What Happened?

DIGITAL FOCUS GROUP

Thursday, April 20, 6:00pm • Goodlettsville Public Library, 205 Rivergate Parkway, Goodlettsville, Tennessee

NPC meets at 6:30pm on the third Tuesday of each month January through November. The Digital Focus Group meets March through October at the Goodlettsville Public Library on the fourth Thursday of each month.



© BOB ELLIS

A HUGE THANKS TO GROUP LEADERS WHO HAVE SERVED NPC

The NPC Board wishes to extend a great, big thank you to Bob Ellis, Jeanette Ellis, and Brent Wright for leading the Adventure Group, as well as to Lisa Powers for leading the Nature Group these past few years. All four are stepping away from their leadership roles at this time.

The change in the Adventure Group was announced at the January meeting and the call went out for a volunteer or volunteers to lead the Group. For several months NPC leadership has asked for a volunteer to assist in the Nature Group. As of February 6, no one has come forward to fill either role. With this dearth of interested people the NPC Board decided to combine the two groups and call it the "Photo Outings Group". This change will mean only one leadership role needs to be filled and the group can pursue a variety of photo offerings. Bob Ellis says it really doesn't take much time or effort to be a Group leader. If you would be interested in leading the Photo Outings Group please contact Steve Mabry.

IF NO ONE STEPS UP to lead the Photo Outings Group then NPC members could informally communicate with each other to plan an event each month if they want to have one. If it comes to this, the Board's hope is that NPC members could share the load by having a planning meeting to plan outings for the year. A different person could lead a particular outing each month. If no one wants to lead an outing then there will be no outings.



LANE MOTOR MUSEUM **ADVENTURE GROUP** SATURDAY, JANUARY 21



ADVENTURE GROUP LANE MOTOR MUSEUM SATURDAY, JANUARY 21



© ED BATSEL

© FRANK HAYES

© JANIS TOMANER



© JAMES RAZLER





ADVENTURE GROUP

LANE MOTOR MUSEUM

SATURDAY, JANUARY 21

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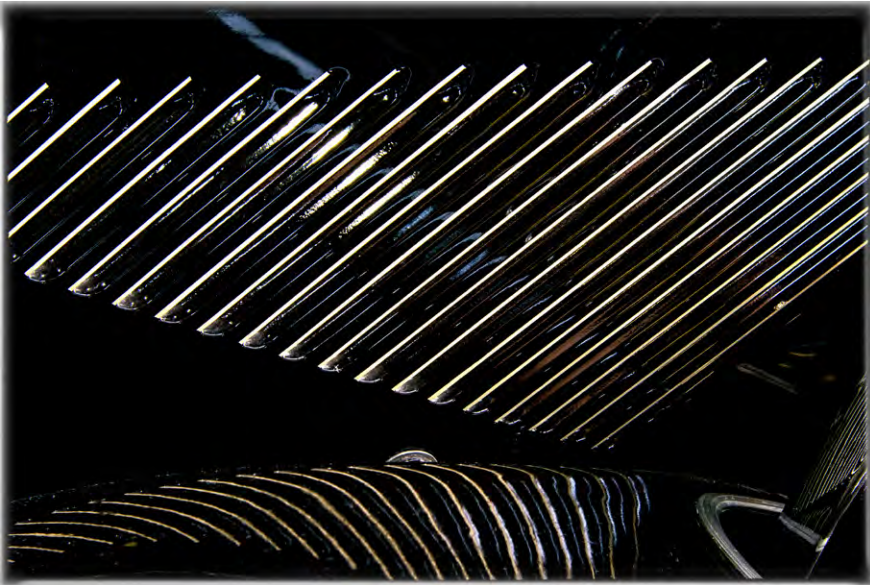
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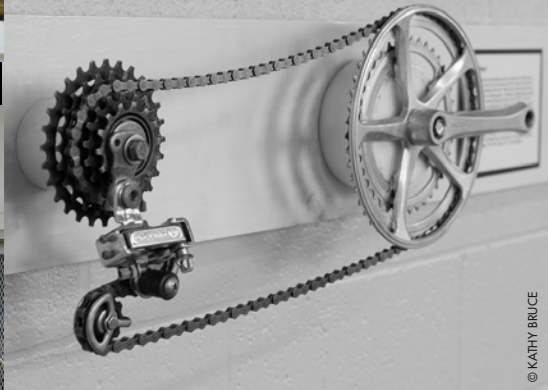


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ADVENTURE GROUP LANE MOTOR MUSEUM SATURDAY, JANUARY 21



© DOUG ALMY



© KATHY BRUCE



© ADRANE MEALOR



© TOM KLINGEMAN

RETRO MOBILE AUTOS-MOTOS BATEAUX MODELISME

RETRO NAUTIQUE

8-17 FEVRIER 2002 **PORTE DE VERSAILLES**

SAMEDI - DIM - 10H - 19H
LUN - MER - JEU - 11H - 19H
MARDI - VEN - 11H - 22 H

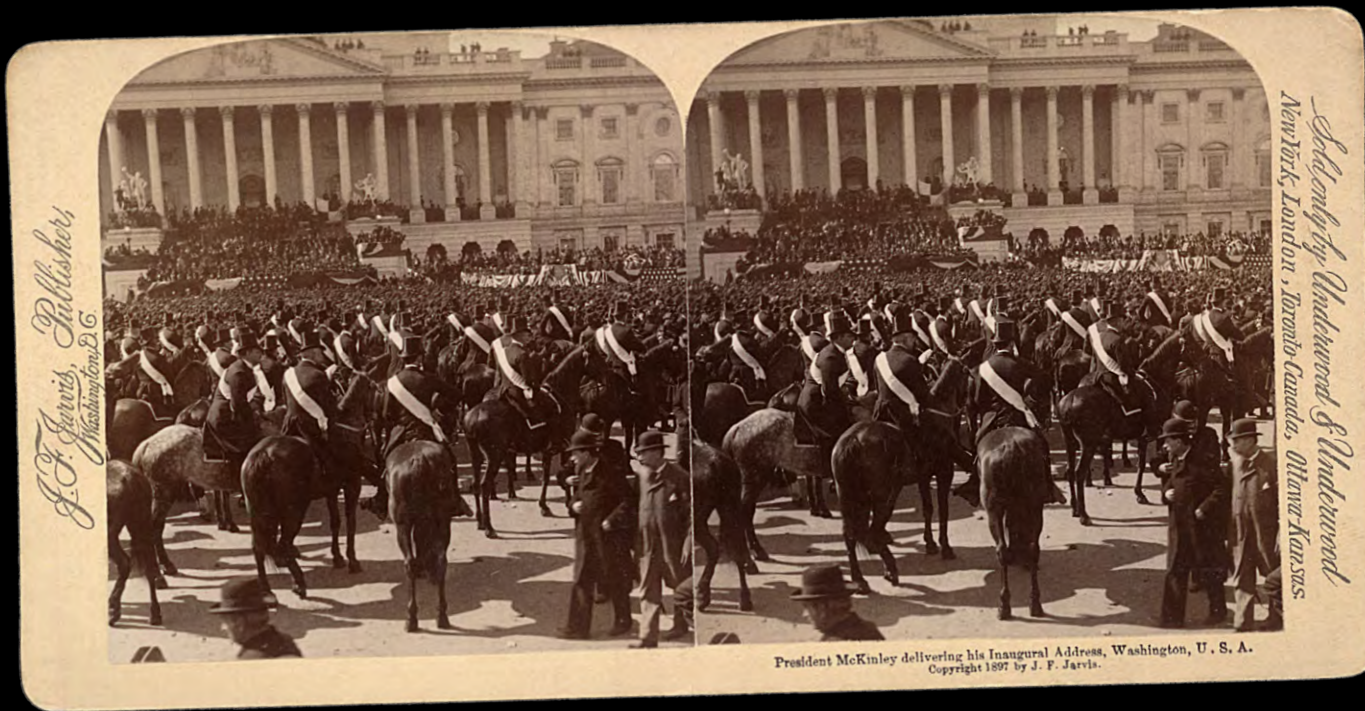
ORGANISATION: RETRO-MOBILE, 14, RUE ST-JACQUES, 93000 NOUVELLES-LES-BAINS

© SUSAN MACCHIA



© LOUJANN DYER

PARTING SHOT



JOHN F. JARVIS (1849 - 1930)
PRESIDENT MCKINLEY DELIVERING
HIS INAUGURAL ADDRESS,
WASHINGTON, U.S.A.
MEDIUM: STEREOGRAPH



Stereographs consist of two nearly identical photographs or photo-mechanical prints, paired to produce the illusion of a single three-dimensional image, usually when viewed through a stereoscope.

A stereoscope is a device for viewing a stereoscopic pair of separate images, depicting left-eye and right-eye views of the same scene, as a single three-dimensional image. A typical stereoscope provides each eye with a lens that makes the image seen through it appear larger and more distant and usually also shifts its apparent horizontal position, so that for a person with normal binocular depth perception the edges of the two images seemingly fuse into one "stereo window".

Most people can, with practice and some effort, view stereoscopic image pairs in 3D without the aid

of a stereoscope, but the physiological depth cues resulting from the unnatural combination of eye convergence and focus required will be unlike those experienced when actually viewing the scene in reality, making an accurate simulation of the natural viewing experience impossible and tending to cause eye strain and fatigue.

Although more recent devices such as Realist-format 3D slide viewers and the View-Master are also stereoscopes, the word is now most commonly associated with viewers designed for the standard-format stereo cards that enjoyed popularity from the 1850s to the 1930s as a home entertainment medium.