



## Willingboro Astronomical Society

### Meeting Minutes – July 3, 2015

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The meeting was called to order at 7:56 PM by President Drew Maser

#### **New guests**

Ronnie

#### **Attendance**

Was Members: 12

Was Officers: 4

#### **Introductions and astronomical events of interest update**

WAS business meetings and events listed on the website

- July 3<sup>rd</sup> formal business meeting
- July 11<sup>th</sup> Club picnic
- Aug 3<sup>rd</sup> Formal meeting
- November 20<sup>th</sup> Speaker on old telescopes
- Dec 12<sup>th</sup> Holiday party

Current list of Star watches for 2015 (check for solar date times)

- July 25<sup>th</sup> – Batsto Village
- July 31<sup>st</sup> – Belleview Winery
- August 7<sup>th</sup> (Friday) – Rancocas Nature Center
- August 22<sup>nd</sup> – Batsto Village
- August 29<sup>th</sup> – Riverside Swim Club
- September 19<sup>th</sup> – Batsto Village
- November 7<sup>th</sup> – Batsto Village

October is still open

## Area Events for 2015

- Mason Dixon: 7/15 to 7/19
- Stellafane: 8/13 to 8/16
- Black Forest Star Party: 9/14 to 9/20
- Next Lunar Eclipse is in October – more favorable viewing

## **Old Business**

### Treasurer's report:

- Balance presented

## **New Business**

- None

## **Observations and General Discussion (Solar and Lunar)**

- Val K: Attended a conference at the Green Banks Star Quest National Radio Astronomy site in West Virginia. This same group also operates the Very Large Array. The radio dish at this site is the size of a football field – 100M. During the conference, camped inside the facility. There were different lectures on radio astronomy. A 10 mile area around the radio dish is policed to ensure no interfering signals from electronics occurs. The area is designated as an electromagnetic quiet zone.
- Roger: Showed a picture of Venus and Jupiter taken on June 29<sup>th</sup> and June 30<sup>th</sup>.
- Jerry L and Drew: Showed pictures of Venus and Jupiter taken at Cape May.
- Jerry L: Showed pictures of Venus and Jupiter taken on June 29 at the Cuthbert Street Bridge (wide angle and zoom).
- Joe S: Showed a wide angle and zoomed shot of Venus and Jupiter taken on the 29<sup>th</sup> and Chatsworth Lake on the 22<sup>nd</sup>.
- Alan D: Discussed Jupiter and Venus conjunction. Discussed orbital mechanics of these Venus and Jupiter and why this conjunction occurred.
- Dave N: Talked about a new series of astronomy books published by Willman-Bell: Annals of the Deep Sky. Volumes 1 and 2. These books are structured like Burnham only updated and more in depth.
- Bernie K: Talked about the density of Pyrex glass, which is used for grinding mirrors. Also talked about how much glass is removed during the grinding process to make a mirror.

Meeting adjourned at 9:23PM

*Submitted by Jim Foy, WAS Secretary.*