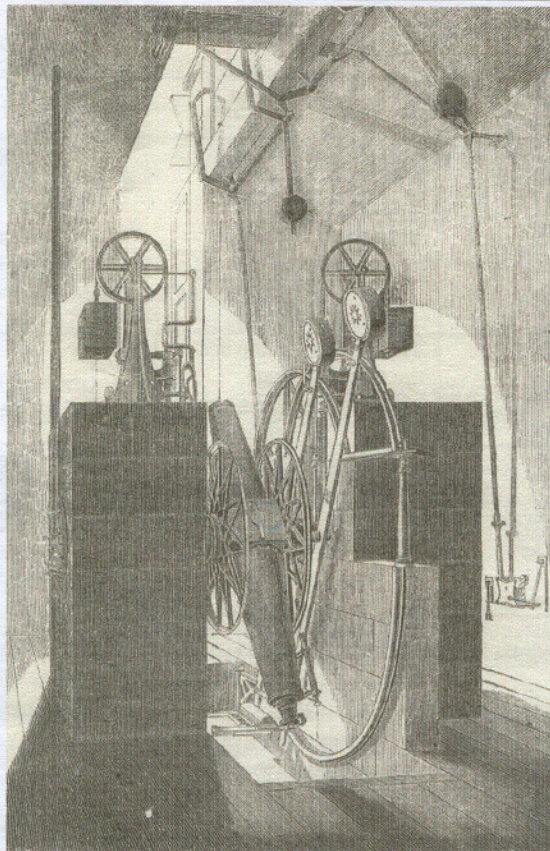




## ORWELL ASTRONOMICAL SOCIETY (IPSWICH)

Registered Charity No 271313  
www.oasi.org.uk

# NEWSLETTER 2005 JULY



**AIRY'S OTHER TRANSIT CIRCLE**

Of similar design and construction but less well known than the Transit Circle at Greenwich is its sister instrument, which was installed at the Royal Observatory, Cape of Good Hope. Major parts manufactured by **Ransomes & Sims Of Ipswich**, with optics by Troughton & Simms. Not so long lasting, however, this instrument was scrapped around the turn of the 19<sup>th</sup>/20<sup>th</sup> century.

Engraving from The Illustrated London News, 1857, March 21<sup>st</sup>  
Collection of Ken Goward

## SOCIETY NEWS FROM THE SECRETARY

### Roy Gooding

#### 1 Next Committee Meeting Saturday 3<sup>rd</sup> September 2005

The next committee meeting will be held on Saturday 3<sup>rd</sup> September 20:00 at the observatory. This is an open meeting and any one who is interested is invited to attend.

#### 2 Events for 2005

Meeting	Venue	Date
Society Barbecue At Mike and Sue's garden	Newbourn Bucklesham Ipswich	Saturday 16 <sup>th</sup> July 14:00 start time.  <b>See item later in the Newsletter giving more details</b>
Astronomy Workshops	The new workshop season is in the planning stage. Mike Whybray has taken over from Ted Sampson.	
FAS Convention	Institute of Astronomy Cambridge	Saturday 1 <sup>st</sup> October
Norwich Astronomical Society 60th Anniversary Astronomy Conference	In Norwich <b>More information below</b>	Saturday 8th October
Winter lectures	Two lectures are in the planning stage. Possibly on Large Telescopes and the Cassini – Huygens mission Society members short talks may also be arranged	To be fixed
Christmas Meal	Venue to be fixed	Wednesday 14 <sup>th</sup> December

#### 2 Society Equipment Inventory

I would like to compile an inventory of society member's astronomical equipment. If you would like to participate please supply me with a list of what observational equipment you have. This inventory list with the relevant names will remain with in the society. Though the total numbers of each class of instrument maybe added to the Society Web site.



### 3 Welcome to New Members

No new members have joined since the last Newsletter

### 4 Norwich Astronomical Society's 60th Anniversary Astronomy Conference

Date Saturday 8<sup>th</sup> October  
Venue John Innes Centre Norwich  
Admission £15 per person which includes refreshments  
Buffet lunch £5.50 extra  
Opening times 09:30 to 16:30

#### Programme

Dr. Robin Catchpole "From the Solar System to the edge of the Universe"  
Dr. David Whitehouse "Astronomy in the Media"  
Prof. Paul Murdin "The Reality of Black Holes"  
Final lecturer TBC  
Trade Stands will be present.  
There will be space for displays from other societies

Members who would like to go to this event please contact Roy Gooding, and I will order tickets

### 5 Astronomy Workshops 2005 / 2006 Season

The new season of workshop meetings is in the planning stage. Ted Sampson has handed over the co-ordination of these meetings to Mick Whybray. Any questions you may have about the new season please contact Mick. If you would like to volunteer to be a principle speaker for any of these meetings please also contact Mike

### Night Sky (July)

All times GMT

#### Sun

The sun will be rising approximately between 03:50 and 04:15  
The sun will be setting approximately between 20:20 and 20:00

#### Moon

New Moon	1 <sup>st</sup> Quarter	Full Moon	3 <sup>rd</sup> Quarter
6 <sup>th</sup>	14 <sup>th</sup>	21 <sup>st</sup>	28 <sup>th</sup>

**Mercury** Mercury is at greatest eastern elongation on the 26<sup>th</sup> Mercury remains in the evening twilight this month and will be a difficult object to see

**Venus** Venus is more prominent, in the NW sky this month. By the end of the month it will be setting about 1 hour after sunset. Magnitude -3.9

**Mars** Mars will be rising at about 22:30 at the end of the month. It will be brightening from magnitude 0.0 to -0.4

**Jupiter** Jupiter is presently in Virgo. It will be setting by about 22:00 by the end of the month. Magnitude -1.9

**Saturn** Saturn is conjunction with the sun on the 23<sup>rd</sup>.

**Uranus** Uranus is presently in Aquarius. It will be rising at about 21:00 at the end of the month. Magnitude 5.7

**Neptune** Neptune is presently in Capricornus. It will be rising at about 20:00 at the end of the month. Magnitude 7.8

#### Meteor Showers Meteor source is the BAA Handbook

Shower	Limits	Maximum	ZHR
Ophiuchids	May 19 <sup>th</sup> to July	June 9 <sup>th</sup> June 19 <sup>th</sup>	5
$\alpha$ Cygnids	July to August	July 21 <sup>st</sup> to Aug. 21 <sup>st</sup>	5
Capricornids	July to August	July 8 <sup>th</sup> July 15 <sup>th</sup> July 26 <sup>th</sup>	5
$\delta$ Aquarids	July 15 <sup>th</sup> to August 20 <sup>th</sup>	July 29 <sup>th</sup> Aug 6 <sup>th</sup>	20 10

# OASI SUMMER BARBEQUE

Saturday 16<sup>th</sup> July 2005, from 2pm



**Hosts**..... Mike Harlow & Sue Brown  
**Venue**..... [redacted] Newbourne Road, Bucklesham.  
**Phone**..... [redacted]  
**Parking**..... Room for one car on the driveway. Others will

[redacted]

[redacted] Sharing lifts to minimize the number of cars would be a good idea!

**Bring your own**..... Food to BBQ, drinks and a chair to sit on!  
**Paper plates, napkins, bread, salad, relish etc**.... Will be provided.

A selection of second-hand astronomy books will be available for purchase during the afternoon.

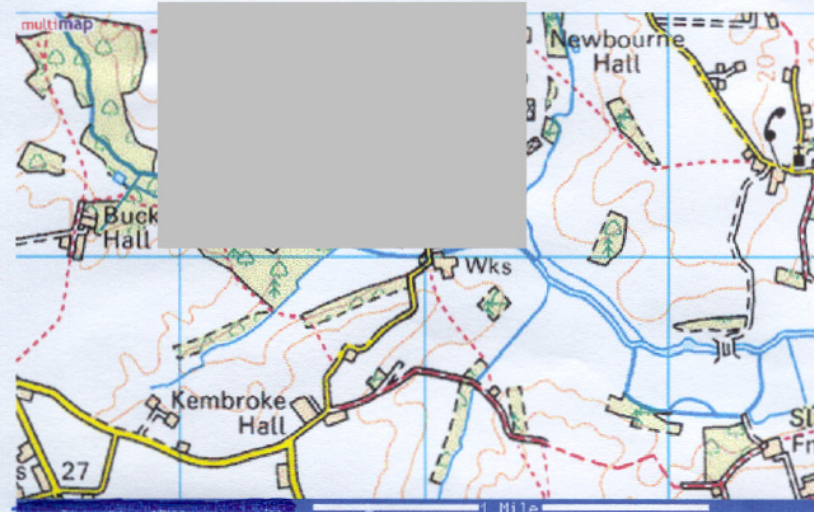
## Health and safety

The garden is on a bit of a slope so there are some steps to negotiate. Potential for tripping up if people are a bit unsteady on their legs or children are running about.

There are two ponds, so again children should be supervised. One is in the main garden area but the other is out of sight in the wood at the back of the house.

**Please confirm your attendance**, so that our hosts can get sufficient supplies in. E-mail [redacted]

## Location Map



## OCCULTATIONS DURING JULY

The table lists stellar occultations which occur during the month under favourable circumstances. The data relates to Orwell Park Observatory, but will be similar at nearby locations.

D	Date & Time		Lunar	Sun	Star	Star	Mag
R	(UT)		Phase	Alt (°)	Alt (°)		
D	02 Jul	01:53	0.18-	-11	11	57 Ari	4.3
R		02:48		-6	19		
D	10 Jul	20:54	0.16+	-5	12	Hip 51892	7.3
D	11 Jul	21:52	0.24+	-11	5	77 Leo	4.1
D	29 Jul	00:09	0.41-	-19	12	45 Ari	5.8
R		00:48		-18	18		

James Appleton



## OASI COMMITTEE CONTACTS & RESPONSIBILITIES

Kenneth J Goward FRAS	Chairman	☎	Press Publicity with the Secretary. Open Weekend.
Roy Gooding	Secretary	☎	<b>Main point of Society Contact.</b> Press Publicity with the Chairman. Observatory Decoration. Visits by potential new members.
Garry Coleman	Treasurer	☎	Finance. Supervision of Grant Applications.
James Appleton	Committee	☎	Committee Meeting Minutes. Web site.
Martin Cook	Committee	☎	Membership. Tomline Refractor Maintenance.
Neil Morley	Committee	☎	Equipment Curator.
Ted Sampson	Committee	☎	Workshops. Tomline Refractor tutoring.
Eric Sims	Committee	☎	Newsletter
Mike Whybray	Committee	☎	Librarian.
Paul Whiting FRAS	Committee	☎	Visits by outside groups.
Bill Barton FRAS	Committee	☎	Safety & Security
Peter Richards	Working under Committee direction but not Co-opted		Lecture Meetings.

*Don't forget the BBQ – Saturday 16<sup>th</sup> July –  
BUCKLESHAM.*

*Bring your own foodstuffs to place on the BBQ  
and your own drinks.*

*See you there!!*

## DIARY FOR JULY

<b>WEDNESDAY</b>	<b>OBSERVATORY CLUB NIGHTS</b> 6 <sup>th</sup> 13 <sup>th</sup> 20 <sup>th</sup> 27 <sup>th</sup> ☎ Martin Cook
<b>SATURDAY</b> <b>16<sup>th</sup></b> <b>From 2pm</b> <b>onwards</b>	<b>OASI SUMMER BARBEQUE</b>  Our hosts this year are Mike Harlow and Sue Brown invite all members and their guests to their home  [REDACTED] <b>Newbourne Road</b> <b>BUCKLESHAM</b>  FULL DETAILS INSIDE THIS NEWSLETTER ☎ Mike Harlow



### SOCIETY PRIMARY CONTACTS

CHAIRMAN Kenneth J Goward FRAS ☎ [REDACTED] (daytime & evenings)  
SECRETARY Roy Gooding ☎ [REDACTED] (daytime) [REDACTED] (evenings)

E-MAIL QUERIES [ipswich@ast.cam.ac.uk](mailto:ipswich@ast.cam.ac.uk)

Contact details for the full Committee may be found on the inside back page

#### Society Trustees

Roy Adams David Brown David Payne

Hon President

Professor Allan Chapman D.Phil MA FRAS