

# LIBRARY

Department of Biodiversity,  
Conservation and Attractions

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## REGISTRATION

Bookings close on Friday 29 January 1999,  
and spaces are limited.

Please send me \_\_\_\_\_ tickets (@\$125 ea) for  
the Perth Observatory 1999 Eclipse Expedition.

First Name: \_\_\_\_\_

Family Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ Postcode: \_\_\_\_\_

Phone (work): \_\_\_\_\_

Phone (home): \_\_\_\_\_

Payment: ☐ Cheque ☐ Money Order

☐ Visa ☐ Mastercard

☐ Bankcard ☐ Amex

Card number:

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Expiry date: \_\_\_\_\_ / \_\_\_\_\_

Signature: \_\_\_\_\_

Please send your completed form and payment to:  
1999 Eclipse Expedition  
Perth Observatory  
Walnut Road  
BICKLEY WA 6076

Facsimile: (08) 9293 8138

By completing this booking form, you and your  
party have acknowledged acceptance of Perth  
Observatory's offer and conditions in providing  
this unique astronomical experience.

## PERTH OBSERVATORY

Perth Observatory is the only  
fully operational State  
observatory in Australia.  
For more than 100 years,  
it has served the State of  
Western Australia by its  
provision of information  
and educational services, as  
well as conducting  
international-standard  
astronomical research.



## FURTHER INFORMATION

For more information please contact:

Perth Observatory

Telephone: (08) 9293 8255

Astronomy information line: (08) 9293 8109

Facsimile: (08) 9293 8138

E-mail: perthobs@iinet.net.au

Web site: <http://www.wa.gov.au/perthobs>

## CONDITIONS

Please note that cancellations before Friday 29 January, 1999 will incur a \$5/ticket booking fee. Cancellations before Friday 12 February, 1999 will incur a \$60/ticket booking fee. No cancellations will be accepted after the latter date. Also note that the bus trip to Greenough will proceed independently of the weather. Perth Observatory has organised this event in good faith and is not responsible if weather conditions or any other circumstance prevents participants from witnessing the eclipse.

All participants will follow the directions of Perth Observatory staff and, in particular, will not risk their eyesight by looking directly at the Sun.

Circumstances may dictate changes in the expedition details.

To minimise inconvenience to other visitors please ensure you arrive well before the start time.

**Your safety is our concern, but your responsibility.**

# ECLIPSE EXPEDITION

16 February 1999



Perth Observatory

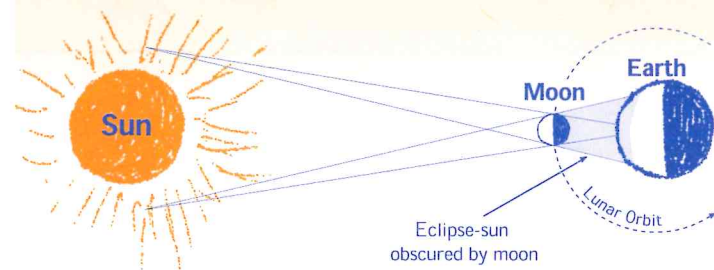


Department of Conservation  
and Land Management

4385-1298-1M



On the afternoon of 16 February 1999, a very rare form of solar eclipse will be visible from a select region across Western Australia. On this day the Earth, Moon and Sun come into perfect alignment. At the precise time of alignment the Moon will almost cover up the Sun. All that will be visible of the Sun is a thin ring of sunlight.



This is an annular solar eclipse. Like total solar eclipses, annular eclipses are quite rare events; the last annular eclipse visible from Western Australia occurred in 1959, and the next is due in 2013.

Join Perth Observatory astronomers, who will provide expert assistance for participants to safely witness this rare event. They will also be accompanied by internationally renowned astronomy educator and eclipse chaser Dr Jay Pasachoff from Williams College in Massachusetts, USA, and equally renowned solar astronomer and eclipse specialist Dr Fred Espenak from NASA's Goddard Space Flight Center in Maryland, USA.

## ITINERARY

- **6:45am:** Meet at Murray Street bus terminal (near William St). En route: coffee break, astronomy and eclipse videos
- **1:00pm:** Arrive Hampton Inn Arms, Greenough
- **1:00-2:30pm:** 3-course dinner interspersed with eclipse talks by Perth Observatory astronomers and Dr Jay Pasachoff
- **2:30-3:50pm:** Witness eclipse safely with Perth Observatory projector system. Photograph eclipse. (Perth Observatory suggests extreme caution is required)
- **4:00pm:** Depart Greenough. En route: coffee break, astronomy and eclipse videos
- **10:00pm:** Arrive back at Murray Street bus terminal

## TRANSPORT

Luxury coaches with video and intercom system and toilet facilities.

## VENUE

The Hampton Arms Inn is an historic building close to the Greenough Hamlet. It was built in 1863, and remains to this day one of the finest examples of a country colonial hotel in Western Australia. Many politicians and early explorers have stayed there.

## WHO CAN PARTICIPATE

Anyone interested in experiencing one of nature's rare and unusual events.

## COST AND SERVICES PROVIDED

The cost is \$125 per person. This includes luxury coach transport to and from Greenough, one three-course meal at the Hampton Arms Inn, access to facilities at the Hampton Arms Inn, specialist information and guidance from Perth Observatory staff, access to Perth Observatory special viewing equipment.

Please note that any profit will be used to offset the costs of construction of the special equipment used by Observatory staff on this expedition.

