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## Partial Solar Eclipse - 04 January 2011

**Local circumstances:** for the King Saud University Astronomical Observatory  
**Latitude: 24° 43' North; Longitude: 46° 37' South**

### **Eclipse details:**

Start-	10:38 (UT+3h)
Maximum Obscuration (24.52%)-	12:02 (UT+3h)
End-	13:24 (UT+3h)

### **Camera and Image details:**

*Taken by :* A.Elmhamdi, H. Altrabulsy, A. Kordi, A. Ibrahim,  
M. S. Alnawawi and K. Almusabih

#### ***Camera Properties:***

Nikon D3 mounted on a 15cm codee' Telescope  
Lens: DX-Af-S NIKKOR 18-200mm  
Solar filter UG2

#### ***Image details:***

Exposure time: 1/4000 s F/: 9  
Image Taken (Eclipse Sequence): about 600 images