

For December, observations have been received from: myself, Clive Brook (Plymouth, UK), Maurice Collins (New Zealand), Marie Cook (Mundesley, UK), David Darling (Sun Prairie, USA), Robin Gray (Winnemucca, USA), Gerald North (Narborough, UK), Steve Ringwood (UK), Brendan Shaw (UK), and Albert Weeks (USA). More about these observations next month. Please excuse the brevity of this report, but with my father (Jeremy Cook) passing away just before Christmas, it is difficult to know exactly what to write? A full obituary will appear in the BAA Journal soon. I would just like to mention though that he was working on a new Hatfield Lunar Atlas - intended for lunar observers using telescopes that produce E-W reversed images. He was in the final stage of proof checking, so hopefully the publication can still go ahead. My mother, myself, my family, and all our friends and relatives will miss him greatly.

The following repeat illumination and libration events occur for February 2004:

Event: Plato (Birt, 1870 May 12) can be seen on/from (UTC): 2004 Feb 03 New Zealand (09:21-12:24) – *[Please sketch or image]*

Event: E. Limb (Jean, 1968 Jan 12/13) can be seen on/from (UTC): 2004 Feb 03 Germany (16:00-19:59); Italy, UK (17:00-19:59) – *[doubtful observation of purple colour on limb]*

Event: Timocharis (Firsoff, 1954 Oct 10) can be seen on/from (UTC): 2004 Feb 04 Germany (16:26-19:26); Italy (17:00-19:26); UK (19:00-19:26) – *[Look for transient brightening in blue light]*

Event: Aristarchus (Bartlett, 1954 Oct 11) can be seen on/from (UTC): 2004 Feb 04/05 Germany, Italy, UK (20:00-01:41); Atlanta, Houston, Madison, Orlando (00:00-01:41); DC, Harrisburg, New York, Pittsburgh, Puerto Rico (23:00-01:41); Las Cruces (01:00-01:41) – *[Look for intermittent violet tint on floor E. wall and central peak]*

Event: Aristarchus Area (Firsoff, 1955 Sep 30) can be seen on/from (UTC): 2004 Feb 05 Atlanta, DC, Harrisburg, Houston, LA, Las Cruces, Madison, New York, Phoenix, Pittsburgh, Winnemucca (07:29-11:24); Orlando (07:29-10:59); Puerto Rico (07:29-09:59) – *[Look for colour e.g. a westward yellow smear]*

Event: Stevinus and Furnerius (Cameron, 1996 Apr 27) can be seen on/from (UTC): 2004 Feb 05 Germany (04:14-05:59); Italy (04:14-05:50); UK (04:14-06:59); Atlanta (04:33-08:56); DC, Harrisburg, New York, Pittsburgh, Puerto Rico (04:14-08:56); Houston, LA, Las Cruces, Phoenix, Winnemucca (05:14-08:56); Madison (04:42-08:56); Orlando (04:28-08:56) – *[Look for glistering points on rims - check other craters too]*

Event: Aristarchus (Gruihuisen, 1842 Oct 18) can be seen on/from (UTC): 2004 Feb 05 Italy, UK (17:00-18:25) – *[Original observation concerned a “mingling colour effect” in spots W & NW of the crater]*

Event: Aristarchus (Bartlett, 1955 Oct 02) can be seen on/from (UTC): 2004 Feb 06 Germany, Italy (17:00-21:39); UK (18:00-21:39) – *[look for violet glare on E. NE. rim + note if crater appears hazy]*

Event: Aristarchus, Bullialdus and Kepler (Wildev, 1962 May 20) can be seen on/from (UTC): 2004 Feb 07 Germany, Italy (00:20-04:16); DC, Harrisburg, Madison, New York, Pittsburgh (01:20-04:16) – *[check for redness in Aristarchus and also judge whether these three craters look brighter than normal e.g. check on following nights compared to other craters or at same colongitude during other months]*

Event: W.Limb (Jean, 1967 Dec 17) can be seen on/from (UTC): 2004 Feb 07 LA, Winnemucca (03:56-08:21); Phoenix (03:56-07:51) – *[doubtful observation about intermittent colour along limb]*

Event: Proclus (Bartlett, 1956 Jul 25) can be seen on/from (UTC): 2004 Feb 08 New Zealand (09:00-11:02) – *[is central pseudo-peak/spot visible in floor shadow?]*

Event: Madler (Wildev, 1962 Apr 22) can be seen on/from (UTC): 2004 Feb 08 New Zealand (12:38-16:59); Houston, Las Cruces, Madison (12:38-12:59); LA, Winnemucca (12:38-13:59) – *[monitor brightness over this interval]*

Event: 16E-25E, 52S-42S (Hammes, 1878 Nov 13) can be seen on/from (UTC): 2004 Feb 09 Germany, Italy, UK (02:42-05:59); Atlanta, DC, Harrisburg, Houston, Madison, New York, Orlando, Pittsburgh, Puerto Rico (03:41-06:38); Winnemucca (05:00-06:38) – *[please sketch/image the area]*

Event: Censorinus (Hopmann, 1965 Apr 08) can be seen on/from (UTC): 2004 Feb 27/28 Atlanta, Orlando, Pittsburgh (00:00-02:23); DC, Harrisburg, New York, Puerto Rico (23:29-02:23) – *[look for coloured flashes]*

Event: Alphonsus, Hyginus N, Linne, Proclus (Hoffmann, 1965 Apr 08) can be seen on/from (UTC): 2004 Feb 28 Atlanta, Orlando, Pittsburgh (00:00-02:23); DC, Harrisburg, New York, Puerto Rico (23:29-02:23) – *[original observation reported “variable shining bright lights” in these craters]*

Further predictions, including the more numerous illumination only events can be found on the following web site: <http://www.lpl.arizona.edu/~rhill/alpo/lunarstuff/ltp.html>. If in the unlikely event you see a TLP, please give me a call on my cell phone: +44 (0)798 505 5681 and I will alert other observers. Note when telephoning from outside the UK you must not use the (0). When phoning from within the UK please do not use the +44!

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Jeremy David Cook (1933-2003)

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