

## Re: Black-drop – is it real?

**Source:** <http://sci.tech-archive.net/Archive/sci.astro.amateur/2004-06/1671.html>

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**From:** Pete Lawrence ([pete.lawrence\\_nospam\\_\\_at\\_pbl33.co.uk](mailto:pete.lawrence_nospam__at_pbl33.co.uk))

**Date:** 06/11/04

Date: Fri, 11 Jun 2004 09:55:58 +0100

On Thu, 10 Jun 2004 13:03:34 -0400, "Benign Vanilla"

<[BVremove@tibetanbeefgarden.com](mailto:BVremove@tibetanbeefgarden.com)> wrote:

>  
> "Pete Lawrence" <[pete.lawrence\\_nospam\\_\\_at\\_pbl33.co.uk](mailto:pete.lawrence_nospam__at_pbl33.co.uk)> wrote in message  
> news:d19ec0pm9pa054ctqisdlaeiheqto3n9uh@4ax.com...  
>> On Wed, 09 Jun 2004 14:35:13 GMT, Sam Wormley <[swormley1@mchsi.com](mailto:swormley1@mchsi.com)>  
>> wrote:  
>>  
>> >I didn't see a hint of it in the first hour of the transit--looking via  
>> >web cams and nasa tv. Got clouded out for the direct observation. :-(  
>>  
>> Bad news Sam – I'm sorry you missed it :(  
>>  
>> A lot of solar projection observations mention the black-drop effect.  
>> Was there anyone out there that saw the transit with a projection  
>> arrangement but didn't see the black-drop?  
>  
>I used an 8" Newt projected on to a piece of paper. I am a newbie so my  
>quality is not great. In this pic,  
><http://www.darofamily.com/jeff/files/2004/venus/p1010065.jpg>, I believe  
>there is some black drop.

That's a really nice pic, and for a newbie, you should be pretty proud of it!

Like a number of other pics I've had, the black-drop appears to be 'stimulated' in pics like this from a degree of chromatic fringing around the dark edges. What eyepiece (fl + type) were you using? What were your sky conditions like?

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Pete Lawrence

<http://www.pbl33.co.uk>

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