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## What's New? - 2007

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## **Year 2007**

Link added to "Education" page: http://video.google.com/videoplay?docid=-760141133217062403&q=transit+venus NASA Connect offers lessons and exercises on scaling the solar system. Link added to "Images" page: http://www.islandastro.com/transit-sm.JPG Sunrise collage of 2004 transit by Bill Townsend for Island Astronomy in Maine. http://www.youtube.com/results?search\_query=transit+of+Venus&search=Search

November 12

June 6

A search of YouTube (which did not exist during the 2004 transit of Venus) offers much video content on a diverse range of transit of Venus topics.

Link added to "Black Drop Effect" page:

http://www.metaresearch.org/home/Viewpoint/blackdrop.asp

Tom Van Flandern proposes that the black drop effect is a "manifestation of irradiation, the spreading of photons by rapidly moving air cells."

Image added to "Historical Observations" page: cowans.jpg

"Boudoir Photograph of Territorial Transit of Venus Party, anonymous image of a large mixed party of observers...likely of local Denver citizenry with several telescopes and a few theodolites set up for viewing the transit." Image courtesy of Cowans Auctions, Inc., Cincinnati, Ohio.

Link added to "Education" page:

www.awapress.com

Book: The Transit of Venus, How a Rare Astronomical Alignment Changed the World, a compilation by scientists and historians, adapted from Royal Society lecture series. ISBN: 978-0-9582629-7-2.

Links added to "Home" page:

www.myspace.com/2009yearofastronomy MySpace page supports the International Year of Astronomy in 2009 http://www.astronomy2009.us/twiki/bin/view Six major themes support the U.S. goal for the International Year of Astronomy in 2009: "To offer an engaging astronomy experience to every person in the country, and build new partnerships to sustain public interest."

(Note: Five years until the 2012 Transit of Venus.)

Image added to "Transit of Mercury" page:

mercury-marschall.jpg

Transit of Mercury, 1914 November 7, photograph taken at Greenwich; image courtesy of Laurence Marschall.

Link added to "Historical Observations" page:

http://home.hetnet.nl/~smvanroode/history.html

Overview with images from many historic sites from which the transits of Venus was observed and timed; notes the current status of the observing site, such as remnant equipment or commemorative plaques. From Steven van Roode.

Link added to "Black Drop Effect" page:

http://home.hetnet.nl/~smvanroode/blackdrop.html

Describes history of black drop effect through modern understanding of the phenomenon and implications for observers. Cites January 30 literature that concludes "the true time of interior contact is halfway between the formation of the black drop and the breaking of the thread." From Steven van Roode.

Link added to "2012 Transit of Venus" page:

http://home.hetnet.nl/~smvanroode/details.html

Datails and prospects for the 2012 transit. This website automatically detects your location and denicts it on a man

	and daylight saving time (DST) option are automatically selected. Or you can drag a marker to a different observing site on a map or search for an address and it will instantly update the data. Website also includes observing guidelines, weather prospects, a calculator to compute the solar parallax using the timings from two sites (e.g., yours and someone else's), details about historic transit of Venus expeditions, and more. Courtesy of Steven M. van Roode.
II.lanijary 24	To start the new year, we are switching the host of this website to Dreamhosters.com. Thank you to the people who are still sending new Transit of Venus material.

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