

**DENVER MUSEUM OF NATURE AND SCIENCE
VENUS WINDS PROJECT
MEETING AGENDA**

Date/Time/Location 11 Jun 2015, 6:00 PM Exploration Studio 106

AGENDA ITEMS CARRIED FORWARD

Your experience with DS9 and Gimp All

SAOImage DS9 and **Gimp** are analysis tools that are widely used by the astronomical community to extract the maximum usable information from astronomical images. We are currently testing each of these tools. In particular, they allow precise determination of the minimum/maximum pixel values of cloud/gap features. Analysts are encouraged to download either **DS9** or **Gimp** and their accompanying documentation to try them out. The **DS9** website is located at <http://ds9.si.edu/> and **Gimp** at <http://www.gimp.org/downloads>. Both are free and available for PCs, Macs, and Linux machines.

This agenda item is intended for you to share your experience with either or both of the software packages. If you have illustrations of your experiments, please bring them on a thumb drive or, if you can't make the meeting, send them to Art.

July 12, 2004 Wind Velocities Mark

Mark discussed the consensus-derived starting points for the first image of the nine-image assignment on 12 July 2004. A revised spreadsheet for this exercise was distributed to all Project analysts. For those who have completed this exercise, please bring a copy of your completed spreadsheet on a thumb drive or, if you can't make the meeting, send a copy to Art.

Persistence of cloud features All

At last meeting, Mark and Kevin discussed the possibility that some cloud features might be identified on next day or previous day images. If you have discovered such features in the 11 July 2004 or 13 July 2004 image series, please assemble those comparison images, and bring them to the meeting.

Transportation options All

At the last meeting, two options were discussed for assisting Project volunteers who lack reliable transportation to Project meetings. Car pools were suggested for those volunteers who live close to other volunteers. The second option was RTD transit coupons for volunteers who live close enough to RTD stops.

Implementing the car pool option would involve polling the volunteers for interested participants and then see if there are possible combinations for organizing.

The RTD option is already available for Museum volunteers who receive a booklet of coupons. Our interested volunteers should contact Dave Blumenstock (David.Blumenstock@dmns.org) for the particulars.

NEW AGENDA ITEMS SINCE LAST MEETING

July 12, 2004 wind velocities summary of results Mark

Mark will go over all the results to date for wind velocity determinations from the July 12, 2004 dataset. This includes spreadsheets for which the initial tracking points determined by the investigator, and the newer results with the consensus-derived tracking points.

July 13, 2004 wind velocities Mark

We will take a look at Venus images from July 13, 2004 to see if we can spot features that were seen in images the day before. We will also be working with a new spreadsheet to calculate wind velocities for this date.