

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

Date/Time/Location 25 Jun 2015, 6:00 PM Exploration Studio 106

AGENDA ITEMS CARRIED FORWARD

Your experience with DS9 and Gimp All

Analysts will continue their discussion of two software programs that are ideal for tracking exercises: **SAOImage DS9** and **Gimp**. In particular, are the features of each program compatible with the goals of cloud tracking and analysis? Analysts are encouraged to have experience with both programs.

NEW AGENDA ITEMS SINCE LAST MEETING

Tracking features present on July 12 and July 13, 2004 images Mark

Mark distributed one image each from July 12 and July 13, 2004 to be examined for cloud features which could be found on both days. The images were rendered in a cylindrical map projection (2048px x 1024px) that facilitates x,y coordinate determination. Analysts were asked to limit tracking features to the equatorial band (20°N to 20°S) and to present results at this meeting, using the formula $[(X2 - X1) \times 5,959] / 86,940$ where $X1$ is the x -coordinate from the July 12 image and $X2$ is the x -coordinate from the July 13 image. (Note: The difference in x -coordinates will always be negative because the cloud features typically track to the West.)