

DENVER MUSEUM OF NATURE AND SCIENCE
VENUS WINDS PROJECT
MINUTES OF MEETING

Date and Time: 20 Feb 2014 6:00-8:00 PM

ATTENDING

Bullock	Harter	Knutson	McGoudrick	Romero
Doubek	Hink	Lindsay	Rabellino	Tarr

Guests:

OLD BUSINESS

Connection to wall monitor for laptop display of results

Marta arranged for a Museum technician to meet with us at our meeting. He set up the monitor with a VGA cable that we then were able to connect to Mark's and Art's laptop. Although the setup was useful, an HDMI cable would give higher resolution.

Results of assignments to determine wind speed examples

8 Jul 2004	Bryan
9 Jul 2004	Michael D.
10 Jul 2004	Art
11 Jul 2004	Sarah
12 Jul 2004	Carlos
13 Jul 2004	Mark

As far as we can tell, no one has completed an assignment. Art showed three frames from 10 Jul 2004 that he had analyzed. The computed speeds were variable and erratic causing some doubt about their accuracy.

Cloud coordinates of highest pixel values using SAO DS9

Art researched SAO DS9 for this capability and found none. However, it is with DS9 possible to contour ranges of pixel values which may be useful later.

Morphing of cloud shapes over 1-2 hours

Art showed three examples of cloud shapes changing over a two-hour time period on 10 Jul 2004 showing that tracking a particular shape may not always be easy. By contrast, he showed images from 12 Jul 2004 whose shape remained constant over a two-period. Copies on request.

Venus Winds wiki improvements Mark

Postponed until we have greater attendance.

Instructions for transferring JPL Horizons ephemerides to Excel Spreadsheet Mark

Postponed until we have greater attendance.

NEW BUSINESS

Position descriptions for new recruits

Alternate meeting nights discussion

These two items were discussed at length by Mark, Marta and Art. There is a clear need for volunteers who have strong programming skills because much of the advanced processing and analysis of large numbers of images will be necessary to extract the most from those images. We decided to discuss the creation of new Researcher Position Descriptions (PDs) to advertise future recruitment. Art will discuss with Dave Blumenstock and report back next meeting.

Official designation of volunteers in the Venus Winds Project

For your information, all our volunteers are designated Venus Wind Project Researchers. Thank you Dave, for updating those PDs!

Telephone connection in another conference room

This item was not formally addressed but deserves some attention. Marta made a strong case for producing more tutorial videos (similar to the ones produced by Carlos several years ago and by Michael Doubek last fall). Your opinions will be valued.

Meeting schedules

We discussed some options that would make attending Venus Wind Project meetings easier for busy working folk. We tossed a few ideas around that might be useful. The first one was: Don't schedule regular meetings on Third Thursdays; we lose three volunteers to Science Lounge on those days. Another one might be to have special topics or training of new volunteers on another day of the week. Of course, this topic is open for further discussion.

Report your February hours to Moe!

It goes without saying, Venus Wind Project Researchers are not exempt from reporting hours! The reputation of the Museum is based, in part, by its large number of volunteers

Submitted by Arthur C. Tarr, Venus Winds Project Coordinator