

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

Date/Time/Location: 25 September 2014 6:00 PM Exploration Studio 106

ATTENDING

Boudreau	Bullock	Crowl	Diba	Dickerman	Doubek	Farrell
Gehring	Harter	Heil	Knutson	Krider	Lindsay	Logan
McGouldrick	Parziale	Romero	Royer	Stewart	Tarr	Viera
Zimmerle						

Guests: **Sandy Krider**

The meeting opened at 6:00 PM at Exploration Studio 106 in the Morgridge Wing. Those **attending** are listed above. The attendees introduced themselves to the rest of the group; many gave reasons why they were attracted to the Venus Winds Project.

OLD BUSINESS

New Venus Winds researcher recruitment from current DMNS volunteers Art
Welcome, Rachel Parziale, Nick Heil and Gary Dickerman.

Scheduling November, December and January Meetings Art
Meetings have been scheduled for October 9, October 23, November 6, November 20, December 4, December 18, and January 8. All meetings are in Exploration Studio 106.

Web-page devoted to presentation of Venus Winds Project results Mark
Postponed

Mathematics of the rectangular coordinates transformation Mark, Art
Postponed

NEW BUSINESS

Your results and experience All analysts
Each analyst who had completed the exercise discussed their results that were graphed in a variety of formats. One common problem was that the graph of $U(x)$ (the East-West component) in some cases was based on wind speeds that were two times too large. Corrected, $U(x)$ ranged from -50 m/sec to over -70 m/sec; $V(y)$ values were generally smaller than the corresponding $U(x)$ value.

Wind velocity computations for 12 July 2004 images Mark

Mark introduced a new Excel spreadsheet for the wind velocity computations from 12 July 2004 with more than two images. This spreadsheet design comprises up to nine images and nine targets.

Making velocity plots with Excel Mark

The distribution of wind components $[U(x)$ and $V(y)]$ is more intuitive than a table of numbers. Mark explained how it is done with Microsoft Excel. The preferred display orientation is using the “Scattershot” option.

The next meeting on October 9 will be in Exploration Studio 106

Submitted by Arthur C. Tarr, Venus Winds Project Coordinator