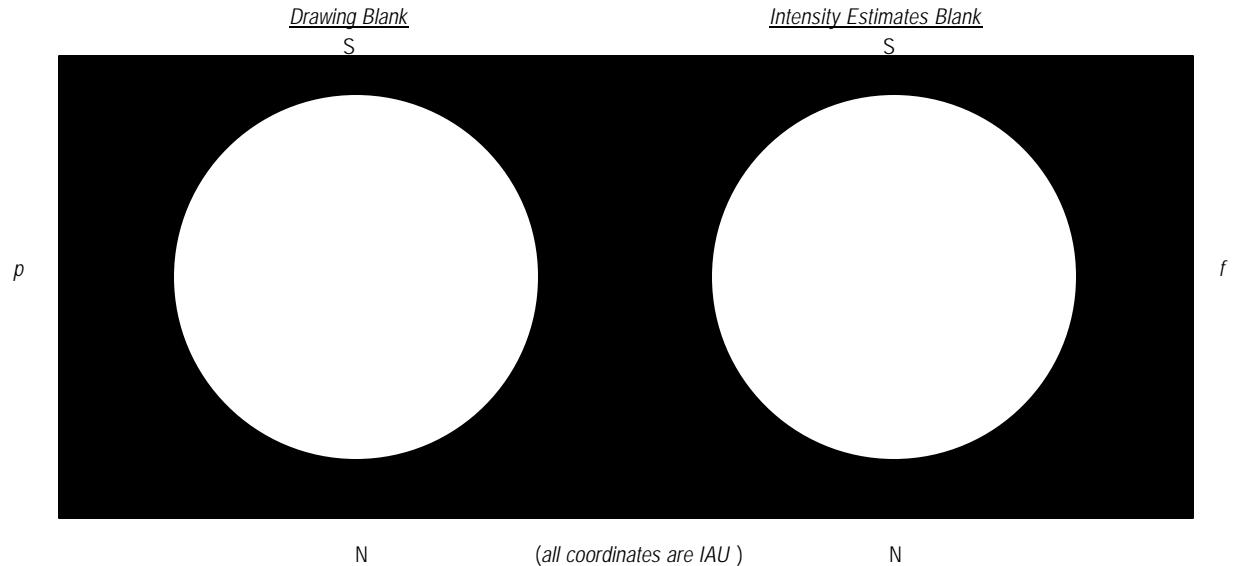


# Association of Lunar and Planetary Observers (A.L.P.O.): Venus Section

## A.L.P.O. Visual Observation of Venus



Observer \_\_\_\_\_ Location \_\_\_\_\_  
 UT Date \_\_\_\_\_ UT Start \_\_\_\_\_ UT End \_\_\_\_\_ D = \_\_\_\_\_ " k<sub>m</sub> = \_\_\_\_\_ k<sub>c</sub> = \_\_\_\_\_  
 m<sub>v</sub> = \_\_\_\_\_ Instrument \_\_\_\_\_ Magnification(s) \_\_\_\_\_ X<sub>min</sub> \_\_\_\_\_ X<sub>max</sub> \_\_\_\_\_  
 Filter(s) IL(none) \_\_\_\_\_ f<sub>1</sub> \_\_\_\_\_ f<sub>2</sub> \_\_\_\_\_ f<sub>3</sub> \_\_\_\_\_ Seeing \_\_\_\_\_ Transparency \_\_\_\_\_

- Sky Illumination** (*check one*):  Daylight  Twilight  Moonlight  Dark Sky
- Dark Hemisphere** (*check one*):  No dark hemisphere illumination  Dark hemisphere illumination suspected  
 Dark hemisphere illumination  Dark hemisphere darker than sky
- Bright Limb Band** (*check one*):  Limb Band not visible  
 Limb Band visible (complete cusp to cusp)  
 Limb Band visible (incomplete cusp to cusp)
- Terminator** (*check one*):  Terminator geometrically regular (no deformations visible)  
 Terminator geometrically irregular (deformations visible)
- Terminator Shading** (*check one*):  Terminator shading not visible  
 Terminator shading visible
- Atmospheric Features** (*check, as applicable*):  No markings seen or suspected  Radial dusky markings visible  
 Amorphous dusky markings visible  Banded dusky markings visible  
 Irregular dusky markings visible  Bright spots or regions visible (exclusive of cusp regions)
- Cusp-Caps and Cusp-Bands** (*check, as applicable*):  Neither N or S Cusp-Cap visible  N and S Cusp-Caps both visible  
 N Cusp-Cap along visible  S Cusp-Cap alone visible  
 N and S Cusp-Caps equally bright  N and S Cusp-Caps equal size  
 N Cusp-Cap brighter  N Cusp-Cap larger  
 S Cusp-Cap brighter  S Cusp-Cap larger  
 Neither N or S Cusp-Band visible  N and S Cusp-Bands both visible  
 N Cusp-Band alone visible  S Cusp-Band alone visible
- Cusp Extensions** (*check, as applicable*):  No Cusp extensions visible  N Cusp extended (angle = \_\_\_\_\_°)  
 S Cusp extended (angle = \_\_\_\_\_°)
- Conspicuousness of Atmospheric Features** (*check one*):  0.0 (nothing seen or suspected)  3.0 (indefinite, vague detail)  
 5.0 (suspected detail, but indefinite)  7.0 (detail strongly suspected)  
 10.0 (detail definitely visible)

**IMPORTANT:** Depict morphology of atmospheric detail, as well as the intensity of features, on the appropriate blanks at the top of this form. Attach to this form all supporting descriptive information, and please do not write on the back of this sheet. The intensity scale is the *Standard A.L.P.O. Intensity Scale*, where 0.0 = completely black ↔ 10.0 = very brightest features, and intermediate values are assigned along the scale to account for observed intensity of features.