WFPC2 E.T.C. FOR POINT SOURCES:

For help click on colored text. General info and help. CALCULATE

Object:

Stellar Spectrum: Visual Magnitude: Spectral type: O5

Power Law: Flux: *(erg cm^{-2} s^{-1} Hz^{-1})*

Freq./Wave.: *(Hz/Ang.)* Sp. Index: 0

Emission Line: Line Flux: 1.5e-16 *(erg cm^{-2} s^{-1})*

Line: H 6563 Z : 0.22 *(units)*

Reddening (color excess): E(B-V): 0

Sky Background:

Rough estimate: **Low** **Average** **High**

Detailed estimate based on object location:

Right Ascension: 17 *H* 00 *M* 00.0 *S* *(Equinox 2000)*

Declination: 70 *D* 00 ' 00.0 " *(e.g. "23 55 31.1" or "-00 05 34.3", omit + signs)*

Sun Angle: 90 *D* *(usually 90 degrees)* Low Sky?

User specified V magnitude for sky: 23. *mag arcsec^{-2}*

Instrument Configuration:

Configuration: WFC PC **A/D Gain:** 7 e^-/ DN 14 e^-/ DN

Filter: LRF F122M F130LP F160BW F165LP

If using LRF filter give desired Central Wavelength: 8007 **Angstroms**

Data Analysis Method:

Optimal PSF Weighting **Object location on pixel:** **Pixel Center** **Pixel Corner**

Simple Aperture Photometry **Aperture radius:** 2. ***pixels***

Exposure: Enter either S/N or Exposure Time.

Signal to Noise: **Exposure Time:** 2400 ***Sec.***

RESET FORM	CALCULATE

Please send comments about this form to biretta@stsci.edu.