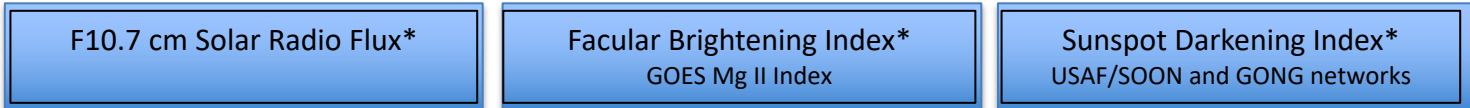
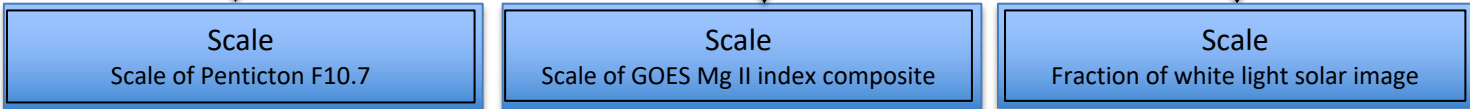


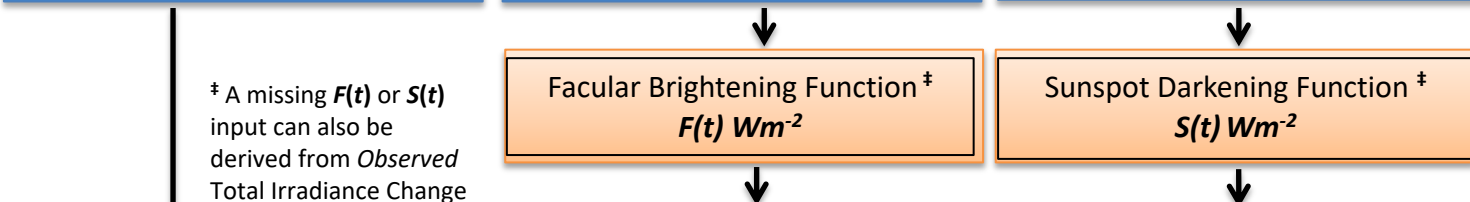
Acquire Solar Activity Indices:



Specify Fixed Inputs:

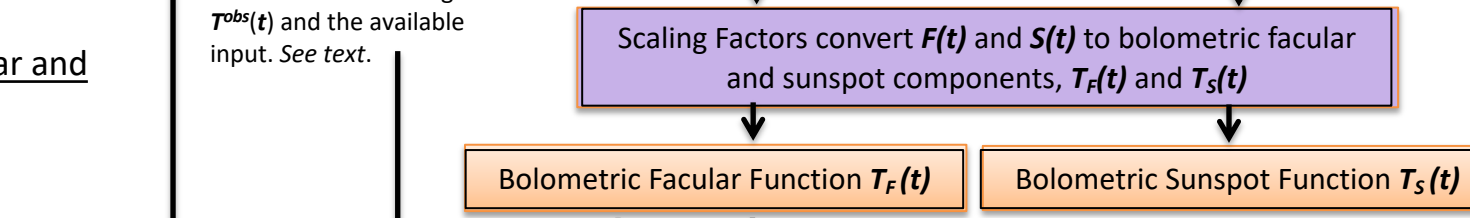


Scale facular and sunspot activity indices to irradiance units:  
(Deliver code and files)



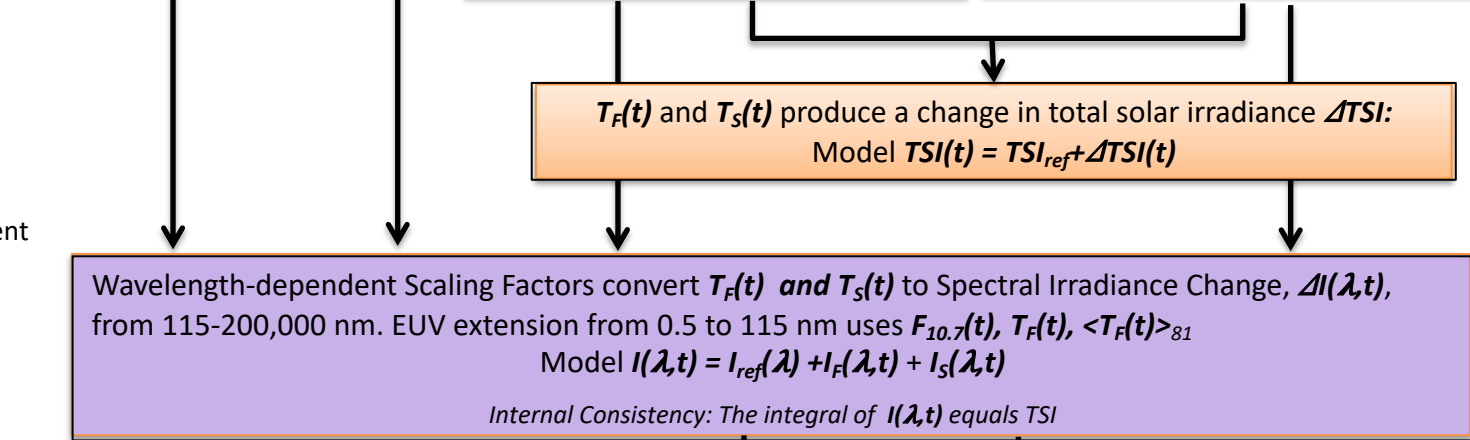
Compute bolometric facular and sunspot functions and TSI:

Apply (fixed) linear regression coefficients  
(Deliver code & files)



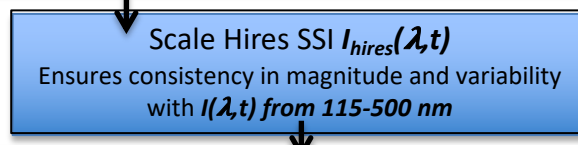
Compute SSI (in 1-nm bins & Hires):

Apply (fixed) wavelength-dependent linear regression coefficients to bolometric facular and sunspot functions  
(Deliver code)

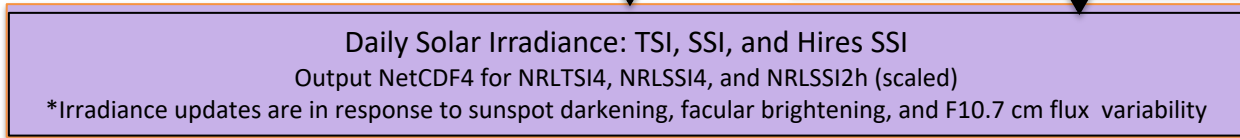


Scale Hires SSI:

Apply (fixed) wavelength dependent scaling coefficients  
(Deliver code)



Generate Output Files:  
(Deliver files)



‡ A missing  $F(t)$  or  $S(t)$  input can also be derived from *Observed Total Irradiance Change*  $T^{obs}(t)$  and the available input. See text.

\*Irradiance updates are in response to sunspot darkening, facular brightening, and F10.7 cm flux variability