

TIE-GCM Inputs

Indices and Measurements

Stan Solomon

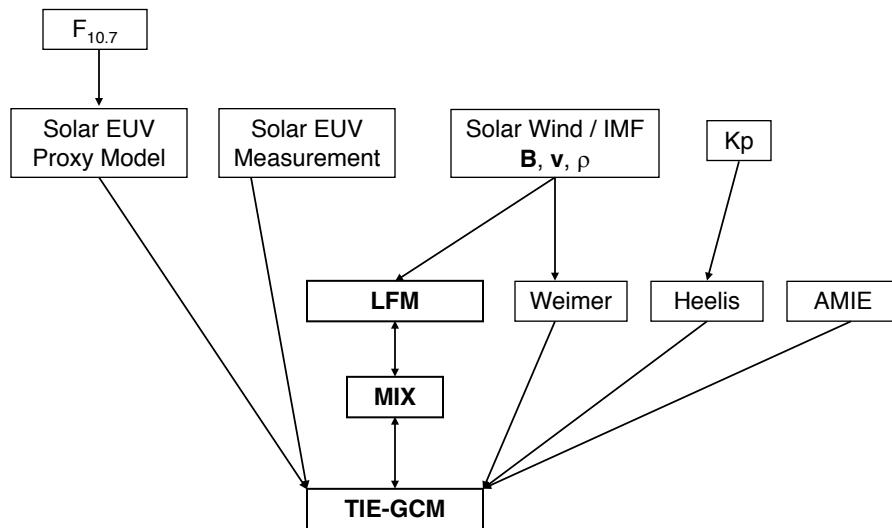
High Altitude Observatory
National Center for Atmospheric Research



CCMC/LWS Workshop • Canaveral, Florida • 6 April 2017

NCAR

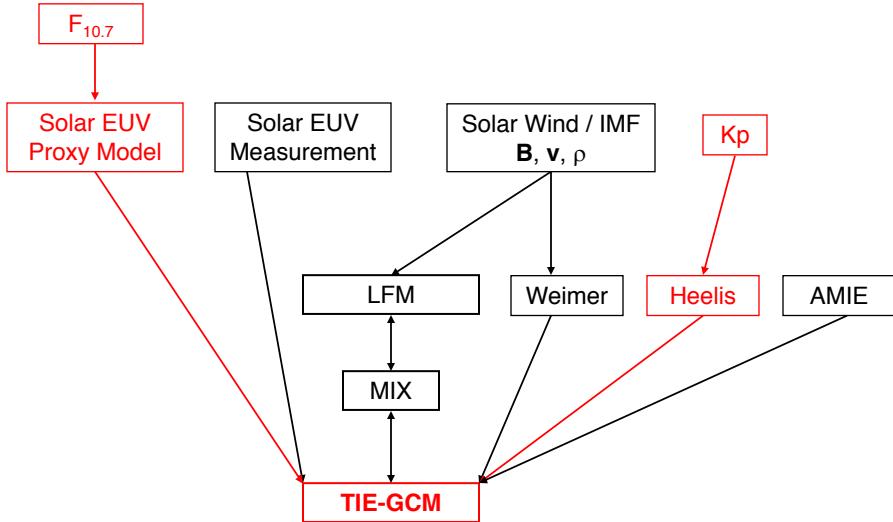
TIE-GCM “Extraterrestrial” Inputs and Options



2

TIE-GCM “Extraterrestrial” Inputs and Options

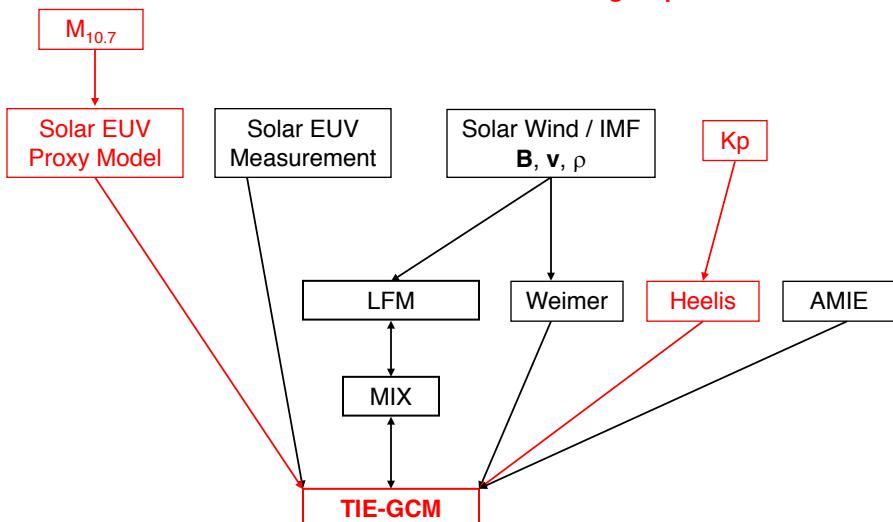
Basic Stand-Alone Model



3

TIE-GCM “Extraterrestrial” Inputs and Options

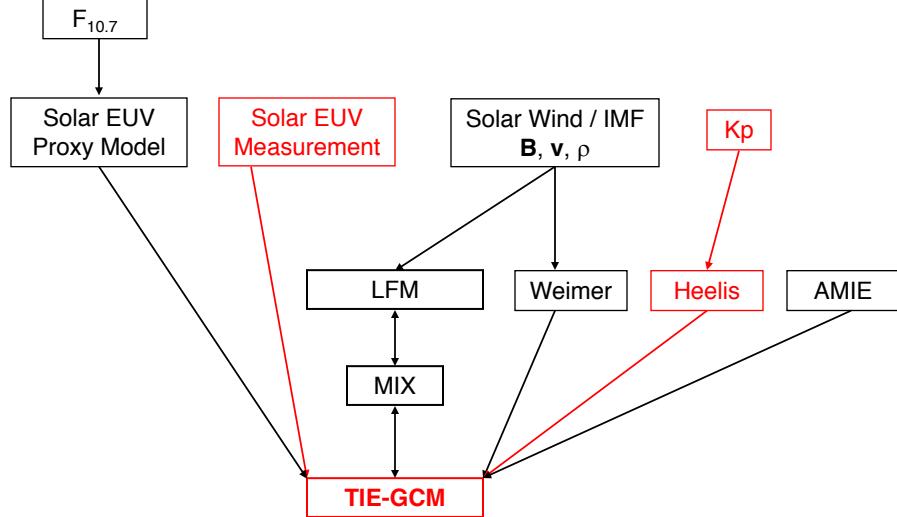
Basic Stand-Alone Model with MgII Input



4

TIE-GCM “Extraterrestrial” Inputs and Options

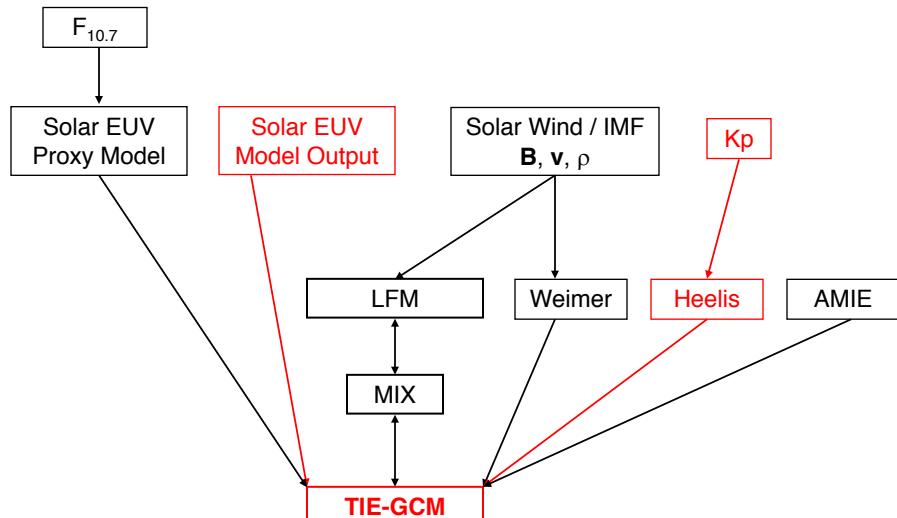
Stand-Alone Model with Alternate Solar Input



5

TIE-GCM “Extraterrestrial” Inputs and Options

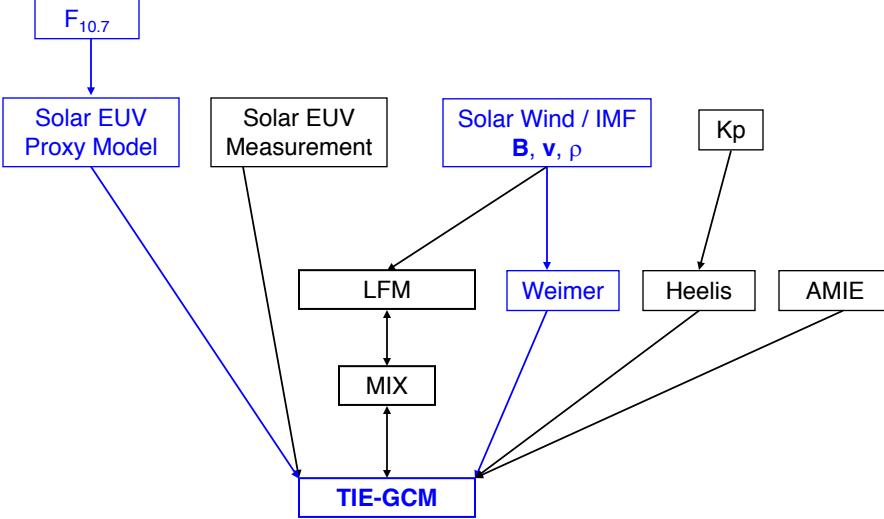
Stand-Alone Model with Alternate Solar Input



6

TIE-GCM “Extraterrestrial” Inputs and Options

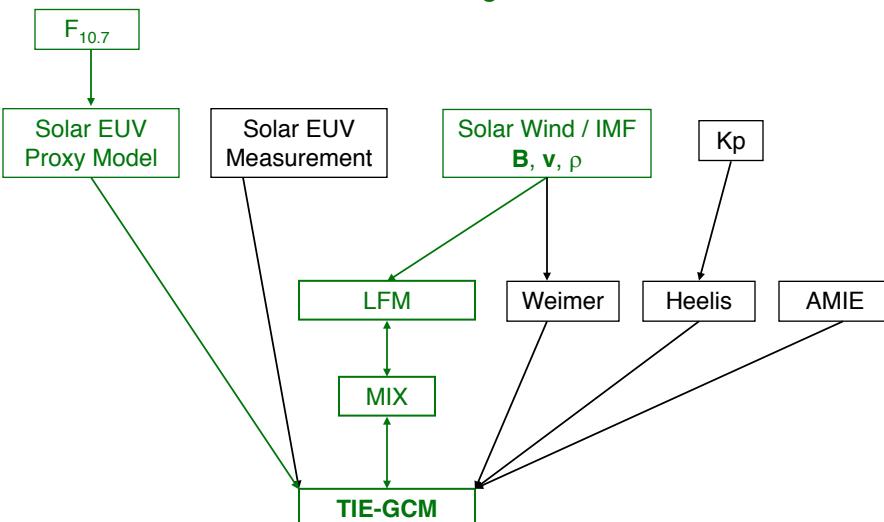
Stand-Alone Model using Weimer '05 High-Latitude Potential



7

TIE-GCM “Extraterrestrial” Inputs and Options

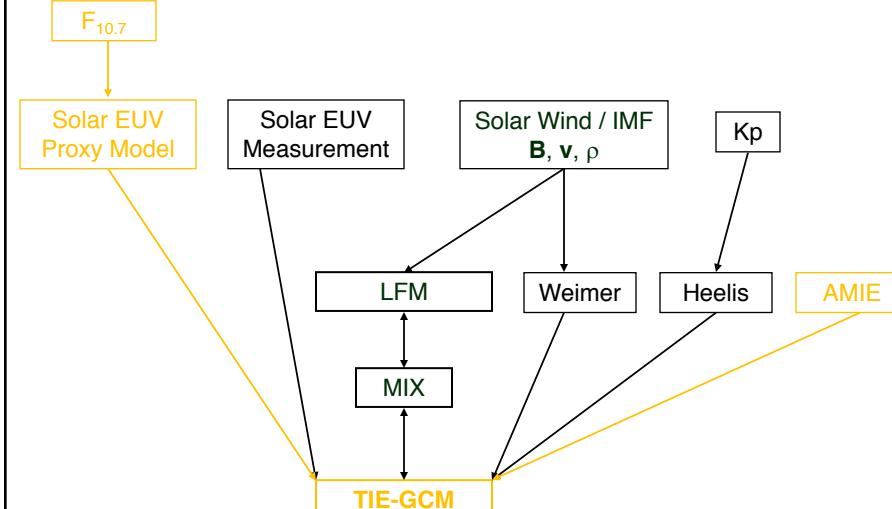
CMIT Configuration



8

TIE-GCM “Extraterrestrial” Inputs and Options

AMIE Configuration



9