Model	POC	Institution	Model Type	Input	Output							
					Auroral Precipitation Properties	Conductivities	Electric Fields	Horizontal Currents	Field-aligned Currents	Joule Heat	Poynting Flux	Ground Magnetic Perturbations
CMIT/LFM-MIX	John Lyon, Wenbin Wang, Slava Merkin, Mike Wiltberger, Pete Schmitt, and Ben Foster	Dartmouth College/NCAR-HAO/JHU-APL/CISM	Physics-based MHD	SW data, EUV, tides, AQ, AS, AT, AU			■	■	■	■		
OpenGGCM	Joachim Raeder, Timothy Fuller-Rowell	Space Science Center, UNH	Physics-based MHD	SW data			■	■	■	■		
SWMF/BATS-R-US with CRCM	Tamas Gombosi et al., Mei-Ching Fok et al., Gabor Toth et al.	CSEM	Physics-based MHD	SW data			■	■	■	■		
BATS-R-US	Dr. Tamas Gombosi et al.	CSEM	Physics-based MHD	SW data			■	■	■	■		
GUMICS	Pekka Janhunen et.al.	FMI	Physics-based MHD	SW data			■	■	■	■		
AMIE	Richmond, Lu	HAO NCAR	Data Assimilation	Multiple sources	■	■	■	■				
RCM	Stanislav Sazykin	Department of Physics and Astronomy, Rice University	Physics-based	Magnetic field model, plasma density	■	■	■					
Ovation Prime 2013	Tom Sotirelis	JHU APL	Statistical (from DMSP data)	Solar Wind and IMF data	■							
Cosgrove-PF	Russel B. Cosgrove	Center for Geospace Studies, SRI International, Menlo Park, California, USA	Statistical (from FAST data)	Solar Wind, AL Index							■	
Weimer	Daniel R. Weimer	Virginia Tech	Statistical	Solar Wind, AE, AL			■					
AMPERE-Derived Electrodynamic Parameters	Robinson	CUA	Specification	AMPERE data		■	■	■	■	■		■
Fang Parameterization Model	Xiaohua Fang	U. of Colorado	Parametrization of full transport codes	Electron and proton fluxes		■						
GLOW	Stan Solomon	NCAR	Transport Code	Electron Fluxes		■						
GUVI auroral model	Yongliang Zhang	JHU/APL	Empirical			■						