

Magnetic Maps: HMI, MDI, MWO, NSO/KP, NSO/GONG, NSO/SOLIS, WSO

Smoothing, Flux balance, Pole Fitting

Input
Models
Output
Validation

Coronal Model Choices:

WSA MHD (MAS) (Polytropic) MHD (MAS) (Thermodynamic)

Vr, Br, open/closed

Coronal Solution

Coronal Solution

Radiative Outputs (EUV, X-Rays)

Observational Validation (Coronal Holes)

Empirical prescription

Empirical prescription

White Light

Cone Model CME

Heliospheric Model Choices:

Enlil MAS

Observational Validation (White Light, EUV, X-rays, coronal holes)

Observational Validation (In Situ Measurements, STEREO Heliospheric Imaging)