



# AIA WWW/browse data products



	Required meta-data	Required AIA data	Required supplemental data	Time windows and temporal resolution	Field of view and spatial resolution	Output format(s)	Accessible via HPKB (IVORN)
Tracked Active Region movies	HPKB: AR	(E)UV images, 1k cutout	HMI magnetograms	Up to disk passage; 4/h	1kx1k, full-res.	Movie: format(s) TBD	Y
Event summary movies	HPKB: all event types other than AR	(E)UV images, 1k cutout or 1k binned full fov	HMI magnetograms	Up to 6h; 12/h	1kx1k, full-res. or full-fov	Movie: format(s) TBD	Y
(E)UV lightcurves	HPKB: AR	Total intensity, and AR-region intensity; all ch.	EVE light curves	Past three days; past 24h; 6/min.	N/A	Lightcurve images	N
(E)UV synoptic maps	-	AIA (E)UV images; 1/day	-	Monthly summaries; 1/d	Central meridian strips; 1k N-S	Images	N
Global DEM maps	-	AIA (E)UV images; 4/d	HMI magnetograms	4/d	Full-Sun; 1kx1k rebinned	Images	N
Three-channel 'temperature' movies	-	AIA (E)UV images; 1/h	HMI magnetograms	Daily summaries; 1/h	Full-Sun; 1kx1k rebinned	Movie: format(s) TBD	N
Full-Sun low-resolution movies	-	(E)UV images	HMI magnetograms	1d, 12/h and 7d, 2/h and 28d, 1/h	1kx1k rebinned	Movie: format(s) TBD	N
Comparisons of EUV images and model fields	HPKB: AR	AIA EUV images	HMI magnetogram; PFSS&NLFFF field models	2/d	1kx1k full-res.	Images	Y? for highly non-pot'l fields
PFSS-EUV comparisons	-	AIA EUV images	HMI magnetogram, PFSS model	2/d	1kx1k rebinned full-fov	Images	Y: open-field regions
AIA&Ext.: Segmentation maps	HPKB: AR, CH, other events,	-	NOAA AR info, GOES flare info	1/h	1kx1k rebinned full-fov.	Images: Carrington Maps + Disk Masks	N



Not funded under AIA contract. We will accommodate externally provided events (in standard xml format), or negotiate to support projects external to AIA.

AIA: Higher-level data products