

Suggested Science Test schedules for the GOES-13 Imager and Sounder

Schedules will change daily at ~1800 UTC (unless under special circumstances) and will run for 24 hours, except on weekends when the same schedule will be run all weekend (2 days from Friday afternoon thru Monday morning).

Test Schedule	Imager	Sounder	Purpose
1	Emulation of GOES-east operations	Emulation of GOES-east operations	Radiance and product comparisons
2	Emulation of GOES-west operations	Emulation of GOES-west operations	Radiance and product comparisons
3	Continuous 5 minute (conus sector)	26-minute sector every 30 minutes (conus sector)	Test navigation, ABI-like (temporal) CONUS scans
4	Continuous 1 minute (with center point specified for storm analysis) ¹	26-minute sector every 30 minutes (with center point same as Imager)	Test navigation, ABI-like (temporal) mesoscale scans
5	Continuous 30 second (with center point over either Huntsville or DC area) ²	26-minute sector every 30 minutes (with center same as Imager)	To coordinate with lightning detection arrays in Huntsville and DC areas
6	Continuous 30-min Full Disk (including off-earth measurements)	Sectors on both east and west limbs every hour (including off-earth measurements.) ³	Imagery, noise, fires, etc.
7	Capture moon off edge of earth (when possible) for calibration purposes	Emulation of GOES-east operations	Test ABI lunar calibration concepts
8	Emulation of 2 km ABI thru spatial over-sampling (Continuous 19 minute for same sector per specific line-shifted scan strategy)	Emulation of GOES-east operations	ABI higher-resolution product development

¹ The 30 and 60 second scans may need a center point update later in the day.

² Including the Hazardous Weather Testbed in North Alabama (centered at Huntsville)

³ Similar to previous GOES Sounder scans during the check-outs:
http://cimss.ssec.wisc.edu/goes/g11_report/GOES11_SNDR_NOISE.GIF