

NOAA Space Environment Center B-Roll

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NOAA Space Environment Center, Boulder, CO

Exterior: building	0:11
Exterior: Satellite dishes	0:07
Exterior: Observatory dome turning	0:15
Interior: Observatory dome turning	0:06
Interior: Solar telescope	0:12
Interior: Solar telescope in operation (with operator) (Operator positioning projected light from telescope onto solar drawing paper)	0:58
Hand drawing on paper	0:11
Interview: Joe Hirman (...many varieties of space weather storms) (Keyed behind Hirman = image of solar "arcade" event)	0:23
Interview: Gary Heckman Senior Space Weather Forecaster, Space Environment Center (...explanation of magnetic field and aurora borealis) (Cutaways: animation of Earth's magnetic field video of aurora borealis)	0:35
Aurora borealis video continues (from previous cutaway)	0:07

NOAA Space Weather Operations Center Space Environment Center, Boulder, CO

Wide shot of area, forecasters on phone closeups of forecasters, onscreen images. Soundbite underneath: Joe Hirman	0:43
Recording of solar indices	0:38
Forecaster at computer	0:07

Images from SOHO Spacecraft

"Fast" Coronal Mass Ejection (CME) 11/5/97 Soundbite underneath: Gary Heckman	0:25
"Halo" Coronal Mass Ejection (CME) 4/7/97	0:13
Solar arcade event 5/12/97	0:20
Simulation of Magnetic Storm 1/10-11/97	0:28
Animation: The SOHO Spacecraft	0:26