



Real-time auroral and solar activity

## Viewing archive of Sunday, 15 April 2001

### Geophysical report

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Solar and Geophysical Activity Summary 2001 Apr 15 0245 UTC  
Prepared by the NOAA © SWPC and processed by SpaceWeatherLive.com

### Joint USAF/NOAA Solar and Geophysical Activity Summary

SGAS Number 105 Issued at 0245Z on 15 Apr 2001 This report is compiled from data received at SWO on 14 Apr

#### A. Energetic Events

Begin	Max	End	Rgn	Loc	Xray	Op	245MHz	10cm	Sweep
1715	1811	1828	9415	S16W71	M1.0	Sf	210	31	
1734	1737	1742					250	150	
1752	1752	1755					52	55	II
2320	2323	2326	9415	S20W71	B7.9	Sf	110		

#### B. Proton Events

There were no proton events detected at geosynchronous orbit. However, the greater than 10 MeV proton flux continued at enhanced levels (due to recent major flare activity) as it gradually declined toward background levels.

#### C. Geomagnetic Activity Summary

Activity was at unsettled to active levels until 14/0900 UTC, then decreased to quiet to unsettled levels.

#### D. Stratwarm

None

#### E. Daily Indices: (real-time preliminary/estimated values)

10 cm 139 SSN 149 Afr/Ap 017/015 X-ray Background B5.1  
Daily Proton Fluence (flux accumulation over 24 hrs)  
GT 1 MeV 4.1e+06 GT 10 MeV 1.7e+05 p/(cm2-ster-day)  
(GOES-8 satellite synchronous orbit W75 degrees)  
Daily Electron Fluence  
GT 2 MeV 6.50e+07 e/(cm2-ster-day)  
(GOES-8 satellite synchronous orbit W75 degrees)  
3 Hour K-indices  
Boulder 3 4 4 3 3 3 3 2 Planetary 3 3 4 3 3 3 3 2

#### F. Comments

None

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