

HAUS BOU 160405Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 508A ISSUED 0400Z 16 JAN 1970

NO MORE THAN ONE OR TWO CLASS M FLARES ARE EXPECTED DURING  
THE NEXT 13 HOURS.

A. NO SIGNIFICANT CHANGES IN THE DISK FEATURES HAVE BEEN OBSERVED  
SINCE THE LAST MESSAGE. CLASS C FLARES CONTINUE AT A RATE OF  
BETWEEN 2 AND 4 PER HOUR. THE GEOMAGNETIC FIELD IS QUIET.

B. SAME AS PREVIOUS MESSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 16 JAN/0400Z ENDING 19/0400Z.

CLASS M OR GREATER 60/65/70

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 15/1700 AND 2000Z WERE 189 AND 188  
RESPECTIVELY.

SOLTERWARN

SPAN

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HAUS BOU 161700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 508B ISSUED 1700Z 16 JAN 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY CONTINUES AT AN UNIMPRESSIVE LEVEL WITH ONLY CLASS C FLARES BEING OBSERVED. CLOUDS HAVE HAMPERED OBSERVATIONS DURING THE PAST 48 HOURS. MINOR SPOT AND PLAGE GROWTH HAS OCCURRED AT S22W32. THE REMAINING REGIONS ARE VERY STABLE. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED AT THE PRESENT TIME. THE 1-8 ANGSTROM X-RAY BACKGROUND FLUX IS DROPPING.

B. VERY SPORADIC CLASS M ACTIVITY IS EXPECTED DURING THE NEXT THREE DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 16/1700Z ENDING 19/1700Z.

CLASS M OR GREATER 50/45/45

CLASS X 05/02/02

PROTON EVENTS 02/01/01

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 180. PREDICTED 175/168/160.

E. MAGNETIC A-FREDERICKSBURG FOR 15 JAN WAS 04. FOR 16 JAN ABOUT 13. PREDICTED AP FOR 17-19 JAN; 10/08/06.

SOLTERWARN

SPAN

BT