

KMSC

HAUS BOU 180400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 479A ISSUED 0400Z 18 DEC 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. ACTIVITY INCREASED DURING THE PAST 24 HOURS WITH CLASS M EVENTS AT 17/0034Z IMP ONE NORMAL FROM THE REGION NOW NEAR N13E25 AND AT 17/0656Z IMP ONE BRIGHT 17/0935Z IMP ONE BRIGHT AND 17/1218Z IMP SUB NORMAL FROM THE REGION NEAR S09E00. BOTH REGIONS CONTAIN QUITE ACTIVE ABSORPTION FEATURES. THE NE REGION IS CLASSED AS MAGNETICALLY BETA-GAMMA WITH DELTA CONFIGURATION WHILE THE MORE ACTIVE SE REGION IS APPARENTLY SIMPLE BETA. A NEW BRIGHT AND COMPACT PLAGE WITH A J-TYPE SPOT HAS CROSSED THE NE LIMB NEAR N12. IMP ONE NORMAL FLARES WERE REPORTED IN THIS REGION AT 17/1955Z AND 17/2033Z. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M ACTIVITY IS EXPECTED TO CONTINUE IN THE N13E25 AND S09E00 REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 DEC/0400Z ENDING 21/0400Z.

CLASS M OR GREATER 70/70/70

CLASS X 10/10/10

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX AT 17/1700Z AND 2000Z WERE 149 AND 146.
SOLTERWARN

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 479B ISSUED 1700Z 18 DECEMBER 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT 12 HOURS

A. SOLAR ACTIVITY HAS DECREASED SHARPLY DURING THE PAST 24 HOURS WITH ONLY CLASS C FLARES BEING OBSERVED. THE DISK IS UNCHANGED FROM 24 HOURS AGO. THE CIRCULAR FILAMENT IS STILL APPARENT AT N14E07. THE REGION AT N12E76 NOW SHOWS A BIPOLAR SPOT GROUP. ALL PLACES ON THE DISK ARE UNIMPRESSIVE. THE GEOMAGNETIC FIELD IS VERY QUIET.

B. SPORADIC CLASS M FLARES ARE EXPECTED FROM THE N14E19 AND S09W07 REGIONS. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME MORE DISTURBED 24 HOURS FROM NOW.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18/1700Z ENDING 21/1700Z.

CLASS M OR GREATER 60/60/60

CLASS X 10/10/10

PROTON EVENTS 05/05/05

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 147. PREDICTED 147/147/147.

E. MAGNETIC A-FREDERICKSBURG FOR 17 DEC WAS 02. FOR 18 DEC ABOUT 02. PREDICTED AP FOR 19-21 DEC 12/15/15.

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