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KMSC

HAUS BOU 270400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 609A ISSUED 0400Z 27 APRIL 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 11 HOURS. A CLASS M EVENT OCCURRED 26/1937Z ACCORDING TO SATELLITE READOUTS.

NO OPTICAL REPORTS ARE AVAILABLE FOR THIS TIME. THE REGIONS ON THE DISK ARE ALL STABLE. PIONEER DATA INDICATES AN ACTIVE REGION WELL BEYOND THE EAST LIMB. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS C FLARES CAN BE EXPECTED FROM THE REGIONS S11W71 AND S08W50.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 APRIL/0400Z ENDING 30 APRIL/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 26/1700Z AND 2000Z WERE 133 AND 135 RESPECTIVELY.

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KMSC

HAUS BOU 271700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 609B ISSUED 1700Z 27 APRIL 1970

NONENERGETIC CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS

A. THE SUN REMAINS QUIET BOTH ON THE DISK AND THE LIMBS. ALL REGIONS APPEAR STABLE AND UNCHANGED. THE GEOMAGNETIC FIELD IS QUIET.

B. THE S08W60 REGION IS EXPECTED TO PRODUCE THE MAJOR PORTION OF SUBFLARE ACTIVITY WITH SOME CONTRIBUTIONS FROM THE S12E64 SPOT GROUP.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 APRIL/1700Z ENDING 30 APRIL/1700Z.

CLASS M OR GREATER 30/30/40

CLASS X 05/05/05

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 135. PREDICTED 138/140/140.

E. MAGNETIC A-FREDERICKSBURG FOR 26 APRIL WAS 11. FOR 27 APRIL ABOUT 11. PREDICTED AP FOR 28-30 APRIL 08/08/11.

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