

NNNNUU0350

NNNNUM

KMSC

HAUS BOU 250400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 607A ISSUED 0400Z 25 APRIL 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. NEARLY ALL SOLAR ACTIVITY HAS BEEN CONFINED TO THE REGION N03W77. AN OPTICAL 1B AT 25/0036Z OCCURRED IN THIS REGION. ONLY SMALL RADIO EFFECTS WERE OBSERVED. A NEW REGION HAS ROTATED ON THE DISK AT S10 EL BUT SATELLITE DATA INDICATES VERY LITTLE ACTIVITY FROM THIS REGION THE PAST DAYS. THE REGION S09W26 HAS BEEN BREAKING UP AND IS NOT LIKELY TO PRODUCE MAJOR FLARES. THE GEOMAGNETIC FIELD IS QUIET.

B. THE REGION N03W77 IS CAPABLE OF PRODUCING MAJOR FLARES AS IT STARTS ITS WEST LIMB PASSAGE TOMORROW. THIS REGION MAY PRODUCE A CLASS M FLARE DURING THE NEXT 13 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 APRIL/0400Z ENDING 28 APRIL/0400Z

CLASS M OR GREATER 45/40/40

CLASS X 10/05/05

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 24/1700Z AND 2000Z WERE 129 AND 132 RESPECTIVELY.

SOLTERWARN

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NNNNUU1653

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KMSC

HAUS BOU 251700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 607B ISSUED 1700Z 25 APRIL 1970

CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A MODERATE LEVEL WITH ONLY CLASS C FLARES BEING OBSERVED DURING THE PAST 13 HOURS. VERY LITTLE CHANGE HAS BEEN OBSERVED IN ANY OF THE DISK FEATURES. MINOR BSLs CONTINUE AT S14EL. THE GEOMAGNETIC FIELD IS CURRENTLY SLIGHTLY DISTURBED.

ATS-1 SATELLITE PROTON FLUXES ARE AT BACKGROUND.

B. CLASS M FLARES ARE EXPECTED FROM THE N03W88 AND S08E75 REGIONS DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25/1700Z ENDING 28/1700Z.

CLASS M OR GREATER 50/55/60

CLASS X 10/15/20

PROTON EVENTS 02/05/05

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 133. PREDICTED 132/130/130.

E. MAGNETIC A-FREDERICKSBURG FOR 24 APRIL WAS 13. FOR 25 APRIL ABOUT 15. PREDICTED AP FOR 26-28 APRIL, 08/06/06.

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