

NNNN0400
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KMSC
PP KGFF
DE BOU 070428Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 438A ISSUED 0400Z 07 NOV 1969
AT MOST A SINGLE CLASS M FLARE IS EXPECTED DURING THE NEXT
12 HOURS.

A. THE LULL IN ACTIVITY EXPERIENCED THROUGHOUT THE PAST
24-HOUR PERIOD CONTINUES. GROWTH WITHIN THE TRAILING PORTION
OF THE N22E53 GROUP HAS BEEN NOTED BUT IT DOES NOT REPRESENT
MAJOR DEVELOPMENT. THIS GROUP ALONG WITH THE H/310 REGION 8
DEGREES WEST OF IT STILL REPRESENTS THE MOST HIGHLY EVOLVED
CENTER CURRENTLY VISIBLE.

B. M EVENT ACTIVITY IS ANTICIPATED ONLY FROM THE N22E49 COMPLEX
DURING THE NEXT 3 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 07 NOV/0400Z ENDING 10 NOV/0400Z.

CLASS M OR GREATER 80/90/75

CLASS X 35/40/30

PROTON EVENTS 20/25/15

D. OTTAWA 10.7 CM FLUXES FOR 06/1700 AND 2000Z WERE 134 AND 133
RESPECTIVELY.

SOLTERWARN

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NNNN
KMSC
PP KGFF
DE BOU 071700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 438B ISSUED 1700Z 07 NOV 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL WITH ONLY CLASS C FLARES BEING OBSERVED. SPOT GROWTH CONTINUES BETWEEN THE TWO GROUPS AT N22E35 AND N20E45 WHICH MAY PRODUCE MERGING OF THE TWO GROUPS. THE N20E45 REGION'S PLAGE REMAINS BRIGHT BUT INACTIVE. THE REMAINING REGIONS ARE SMALL AND INACTIVE. THE 1-8 ANGSTROM X-RAY BACKGROUND FLUX IS INCREASING. THE GEOMAGNETIC FIELD IS CURRENTLY SLIGHTLY DISTURBED.

B. THE PRESENT LOW LEVEL OF ACTIVITY SHOULD BE INCREASING AS SPOT GROWTH AND X-RAY FLUXES INCREASE IN THE NE COMPLEX. THIS COMPLEX OF REGIONS IS AT A CRITICAL STAGE IN ITS DEVELOPMENT AND COULD POSSIBLY DECAY 24-36 HOURS FROM NOW.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07/1700Z ENDING 10/1700Z NOV.

CLASS M OR GREATER 70/70/70

CLASS X 20/20/20

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 140. PREDICTED 145/150/155.

E. MAGNETIC A-FREDERICKSBURG FOR 06 NOV WAS 02. FOR 07 NOV ABOUT

10. PREDICTED AP FOR 08-10 NOV 10/10/08.

SOLTERWARN

SPAN

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