

NNNN0400

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KMSC

HAUS BOU 130400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 444A ISSUED 0400Z 13 NOV 1969

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

A. BASED UPON ITS 2700 MHZ RADIO NOISE BURST A SINGLE M
FLARE OCCURRED WITHIN THE NEW REGION NEAR N16E51 ABOUT 1631Z

YESTERDAY. OPTICALLY THE EVENT WAS RATED AN IMPORTANCE SB.

SINCE THE LAST MESSAGE THE OVERALL LEVEL OF ACTIVITY HAS
CONTINUED TO REFLECT SUNSPOT MINIMUM CONDITIONS. MOREOVER
THERE ARE NO GROSS STRUCTURAL CHANGES TO REPORT IN ANY OF THE
VISIBLE SPOT GROUPS.

B. THE PRESENT LULL IN FLARE PRODUCTION IS EXPECTED TO PERSIST
ABOUT 2 MORE DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 13 NOV/0400Z ENDING 15 NOV/0400Z.

CLASS M OR GREATER 25/25/40

CLASS X 05/05/10

PROTON EVENTS 05/05/10

D. OTTAWA 10.7 CM FLUXES FOR 12/1700 AND 2000Z WERE BOTH 124.

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HAUS BOU 131702Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 444B ISSUED 1700Z 13 NOVEMBER 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS

A. ONLY A FEW MINOR CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 13 HOURS. MINOR SPOT GROWTH HAS OCCURRED AT N18W46 WITH BRIGHT PLAGE AND EMBEDDED ARCH FILAMENTS. MINOR BSLS AND PROMINENCE ACTIVITY HAS BEEN OBSERVED FROM N07-25 EL. THE REMAINING REGIONS ARE SMALL AND STABLE. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. THE NE LIMB ACTIVITY SUGGESTS THE RETURN OF THE LEADING EDGE OF THE ACTIVE CARRINGTON LONGITUDES BY EARLY TOMORROW.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13/1700Z ENDING 16/1700Z.

CLASS M OR GREATER 25/30/40

CLASS X 05/10/15

PROTON EVENTS 05/10/15

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 128. PREDICTED 132/142/152.

E. MAGNETIC A-FREDERICKSBURG FOR 12 NOV WAS 04. FOR 13 NOV ABOUT

05. PREDICTED AP FOR 14-16 NOV 08/10/10.

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