

NNNN

KMSC

HAUS BOU 070400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 833A ISSUED 0400Z 07 DECEMBER 1970

CLASS C FLARES ARE EXPECTED AND AN OCCASIONAL CLASS M FLARE IS PROBABLE DURING THE NEXT 13 HOURS.

A. TWO SMALL CLASS M EVENTS WERE OBSERVED DURING THE PAST 11 HOURS, M1 AT 06/2132Z AND M1 AT 06/2201Z. THE REGION ON THE NORTH EAST LIMB IS THE MOST ACTIVE REGION AND THERE APPEARS TO BE ANOTHER REGION BEHIND IT JUST MAKING ITS EAST LIMB APPEARANCE. SMALL SURGES HAVE BEEN OBSERVED AT N10 EAST LIMB. THE REST OF THE DISK HAS BEEN QUIET. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LEVEL. CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE. THE REGION N14E65 WILL ACCOUNT FOR MOST OF THE ACTIVITY. THE GEOMAGNETIC FIELD WILL EXPERIENCE PERIODS OF MINOR DISTURBANCE.

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

CLASS M OR GREATER 30/80/80

CLASS X 10/10/10

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 06/1700Z AND 06/2000Z WERE 173 AND 171 RESPECTIVELY.

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HAUS BOU 071700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 833B ISSUED 1700Z 07 DECEMBER 1970

ONE OR TWO CLASS M FLARES EXPECTED IN THE NEXT 11 HOURS.

A. THREE SMALL CLASS M EVENTS OCCURRED AT 0140Z, 0205Z AND 0756Z TODAY. IT IS BELIEVED THEY ARE ALL ASSOCIATED WITH

NE LIMB ACTIVITY WHERE REGIONS ARE RETURNING NEAR N10. THE NEW S11E43 REGION HAS GROWN RAPIDLY TO A C TYPE SPOT GROUP WITH MODERATELY BRIGHT PLAGE. THE N14E57 REGION HAS BEEN ACTIVE AND PRODUCED A 1F FLARE WHICH SPREAD NORTHWARD AND CAUSED A FILAMENT TO DISAPPEAR. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED THE PAST 6 HOURS.

B. SOLAR ACTIVITY EXPECTED TO RISE IN THE NEXT FEW DAYS AS MORE REGIONS RETURN AND POSSIBLE DEVELOPMENT IN PRESENT DISK REGIONS. SUBFLARES EXPECTED WITH AN OCCASIONAL CLASS M FLARE NOT EXCEEDING THREE PER DAY. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN GENERALLY QUIET WITH AN UNSETTLED PERIOD OCCURRING ON THE 9TH OF DECEMBER.

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

CLASS M OR GREATER 90/90/90

CLASS X 10/10/10

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 07/1400Z WAS 168. PREDICTED 10.7CM FLUX FOR 08-10 DEC IS 170/172/175.

E. MAGNETIC A-FREDERICKSBURG FOR 06 DEC WAS 06. FOR 07 DEC ABOUT 10. PREDICTED AP FOR 08-10 DEC IS 05/10/08.

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