

NNNN0531

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KMSC

HAUS BOU 120435Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 473A ISSUED 0400Z 12 DEC 1969

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

A. VERY LITTLE ACTIVITY HAS BEEN REPORTED SINCE YESTERDAYS 2ND FORECAST. THE MOST RECENT CLASS C EVENTS HAVE ORIGINATED FROM 2 LIMB POSITIONS, N16E90 AND S20W90. SMALL SURGES HAVE BEEN OBSERVED BEYOND THE LIMB AT N16.

B. THE UNUSUALLY LOW PRODUCTION RATE OF CLASS C FLARES IS EXPECTED TO CONTINUE ABOUT 12 MORE HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 DEC/0400Z ENDING 15 DEC/0400Z.

CLASS M OR GREATER 40/40/40

CLASS X 10/10/10

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUXES FOR 11/1700 AND 2000Z WERE 116 AND 117 RESPECTIVELY.

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HAUS BOU 121705Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 473B ISSUED 1700Z 12 DEC 1969

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

A. A CLASS M EVENT WAS OBSERVED AT 11/2228Z, BUT NO OPTICAL
FLARE WAS OBSERVED AT THIS TIME. SOLAR ACTIVITY IS INCREASING
WITH A GROWING REGION AT S12E77 WITH BSLS OCCURRING BACK TO THE
EL AND THE PREVIOUSLY ACTIVE CENTER RETURNING TO EL AT N14.
FREQUENT BSLS HAVE BEEN OBSERVED AT N05-20 EL. THE GEOMAGNETIC
FIELD IS QUIET.

B. MORE OBSERVATIONS ARE NEEDED FOR THE S12E77 AND N14EL REGIONS,
ALTHOUGH AT PRESENT, IT APPEARS THAT BOTH OF THESE REGIONS COULD
BECOME MODERATELY ACTIVE BASED ON THEIR BSL ACTIVITY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 12/1700Z ENDING 15/1700Z.

CLASS M OR GREATER 40/45/50

CLASS X 10/15/20

PROTON EVENTS 05/10/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 126. PREDICTED 133/145/155.

E. MAGNETIC A-FREDERICKSBURG FOR 11 DEC WAS 09. FOR 12 DEC ABOUT 04.
PREDICTED AP FOR 13-15 DEC; 08/10/10.

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