

NNNN0401

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KMSC

HAUS BOU 240400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 485A ISSUED 0400Z 24 DEC 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 11 HOURS. ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED.

THE REGION NOW AT S12E07 MCMATH REGION #491 WHICH WAS CLASSIFIED WITH A DELTA CONFIGURATION YESTERDAY HAS SIMPLIFIED AND IS NO LONGER COMPLEX. ALL OTHER REGIONS ON THE DISK APPEAR STABLE. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 DEC/0400Z ENDING 27 DEC/0400Z.

CLASS M OR GREATER 60/60/60

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX 23/1700Z AND 2000Z WERE 162 AND 165 RESPECTIVELY
SOLTERWARN

SPAN

BT

RECEIVED

KMSC

HAUS BOU 241701Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 485B ISSUED 1700Z 24 DECEMBER 1969

ONLY CLASS C FLARES EXPECTED

A. SOLAR ACTIVITY REMAINS LOW WITH NO SIGNIFICANT GROWTH IN ANY REGION. ONLY A FEW SUBFLARES HAVE BEEN REPORTED SINCE SDF 485A.

B. SOLAR ACTIVITY EXPECTED TO REMAIN LOW WITH THE REGION NOW NEAR S13W05 PRODUCING ONE CLASS M FLARE IN THE NEXXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 DEC/1700Z ENDING 27 DEC/1700Z.

CLASS M OR GREATER 30/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 157. PREDICTED 150/145/138.

E. MAGNETIC A-FREDERICKSBURG FOR 23 DEC WAS 11. FOR 24 DEC ABOUT 10. PREDICTED AP FOR 25-26-27 DEC 10/08/10.

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