

NNNN0432

NNNN

KMSC

HAUS BOU 270422Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 458A ISSUED 0400Z 27 NOV 1969

ONLY M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. M FLARES FROM THE DECAYING N14W68 REGION OCCURRED AT THE FOLLOWING TIMES FOR THE 26TH CLN 0900(1N) 1431(SN) 1710(SN) 1942(SN) AND POSSIBLY 2245(1F). IN WHITE LIGHT MOST OF THE SMALL INTERCONNECTING PORE-LIKE STRUCTURES BETWEEN THE 2 NW REGIONS HAVE DISAPPEARED. AT 9.1 CM AS WELL A DECLINE IS IN EVIDENCE. OF THE REMAINING VISIBLE SPOT GROUPS NONE APPEAR CAPABLE OF GENERATING MAJOR ACTIVITY DURING THE PRESENT FORECAST PERIOD.

B. ACTIVITY SHOULD REMAIN CLOSE TO OR SLIGHTLY BELOW THE LEVEL EXPERIENCED THIS PAST 24 HOURS FOR THE NEXT 2 DAYS. THE GEOMAGNETIC FIELD IS NOT EXPECTED TO BECOME DISTURBED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 NOV/0400Z ENDING 30 NOV/0400Z.

CLASS M OR GREATER 90/90/90

CLASS X 30/40/50

PROTON EVENTS 30/40/50

D. OTTAWA 10.7 CM FLUXES FOR 26/1700 AND 2000Z WERE 180 AND 183 RESPECTIVELY.

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HAUS BOU 271700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 458B ISSUED 1700Z 27 NOVEMBER 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS

A. THREE CLASS M EVENTS WERE OBSERVED AT 27/0301Z /NO OPTICAL FLARE/ 27/1041Z /IMP SN/ AT N13W68 AND AT 27/1516Z /IMP 1B/ AT S15E46. DURING THE PAST 12 HOURS THE MAJORITY OF THE CLASS C FLARES HAVE ORIGINATED IN THIS E-TYPE/530 FLUCTUATING REGION. THE N14W75 REGION CONTINUES TO DECAY AND APPEARS UNIMPRESSIVE. NEW B-TYPE SPOT GROUPS ARE LOCATED NEAR S19E79 S20E14 AND N25W55. A FEW CLASS CL FLARES HAVE BEEN OBSERVED AT N25E1 WHERE A PLAGE IS VISIBLE BUT NO SPOTS. A MINOR GEOMAGNETIC DISTURBANCE BEGAN AT 27/0920Z.

B. CLASS M FLARES ARE EXPECTED TO CONTINUE AT ONE OR TWO PER DAY FROM THE N14W75 REGION BEFORE WEST LIMB PASSAGE. THE POTENTIAL FOR A MAJOR FLARE OCCURRING FROM THIS REGION AT PRESENT DOES NOT APPEAR VERY GREAT. THE GEOMAGNETIC FIELD SHOULD BECOME QUIET WITHIN 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27/1700Z ENDING 30/1700Z.

CLASS M OR GREATER 90/80/50

CLASS X 40/40/10

PROTON EVENTS 30/30/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 182. PREDICTED 165/155/150.

E. MAGNETIC A-FREDERICKSBURG FOR 26 NOV WAS 10. FOR 27 NOV ABOUT

17. PREDICTED AP FOR 28-30 NOV 15/10/8.

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