

KMSC

HAUS BOU 270400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 762A ISSUED 0400Z 27 SEPTEMBER 1970

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

A. ONLY A FEW CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS. MOST OF THE ACTIVITY HAS BEEN OBSERVED COMING FROM THE REGION N21W73 WHICH IS THE BRIGHTEST REGION ON THE DISK. DEVELOPMENT IN THIS REGION HAS BEEN EVIDENT DURING THE PAST 8 HOURS. THE OTHER REGIONS ON THE DISK HAVE BEEN QUIET AND STABLE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. CLASS C FLARES CAN BE EXPECTED FROM MOST OF THE REGIONS BUT AN OCCASIONAL CLASS M FLARE IS PROBABLE FROM REGION N21W73 AS IT PREPARES FOR ITS WEST LIMB PASSAGE. THE GEOMAGNETIC FIELD WILL REMAIN RELATIVELY QUIET.

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

CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 26/1700Z AND 26/2000Z WERE 155 AND 152 RESPECTIVELY.

SOLTERWARN

SPAN

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KMSC

HAUS BOU 271700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 762B ISSUED 1700Z 27 SEPT 1970

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. PLAGE FLUCTUATIONS AND FILAMENT ACTIVITY HAVE BEEN OBSERVED NEAR THE REGIONS LOCATED AT N21W79, N22W12, AND S07E21 BUT ACTIVITY IS VERY LOW WITH ONLY 4 SUBFLARES REPORTED IN THE PAST 19 HOURS. THE PLAGE AT N21W79 REMAINS BRIGHT BUT HAS BECOME MORE INTENSE AND COMPACT BETWEEN THE REGIONS LOCATED AT N23W17 AND N22W12. THE GEOMAGNETIC FIELD IS QUIET.

B. OCCASIONAL CLASS C FLARES ARE EXPECTED FROM THE N22W12 AND N21W79 REGIONS. THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET FOR THE NEXT FEW DAYS.

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

CLASS M OR GREATER 35/35/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 27/1400Z WAS 150. PREDICTED 10.7 CM FLUX FOR 28-30 SEPT IS 146/146/146.

E. MAGNETIC A-FREDERICKSBURG FOR 27 SEPT WAS 06. FOR 28 SEPT ABOUT 9. PREDICTED AP FOR 28-30 SEPT, 09/10/06.

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