

NNNN0357

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KMSC

HAUS BOU 030400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 799A ISSUED 0400Z 03 NOVEMBER 1970

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

A. THE NEW REGION AT S09E60 HAS PRODUCED THE MOST ACTIVITY DURING THE PAST 24 HOURS. THE REGION IS NOT IMPRESSIVE IN WHITE LIGHT BUT ITS DEVELOPMENT HAS BEEN QUITE RAPID. THE REGION S10W12 IS ALSO DEVELOPING NEW SPOTS IN TRAILER PORTION. THE OTHER REGIONS ARE QUIET. THE GEOMAGNETIC FIELD IS QUIET.

B. THE REGION S09E60 AND S10W12 ARE THE REGIONS MOST LIKELY TO PRODUCE AN OCCASIONAL CLASS M FLARE. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 NOV/0400Z ENDING 06 NOV/0400Z

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 02/2000Z WERE 162 AND 158 RESPECTIVELY.

SOLTERWARN

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HAUS BOU 031700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 799B ISSUED 1700Z 03 NOVEMBER 1970

INFREQUENT CLASS M FLARES EXPECTED THE NEXT 11 HOURS

A. THE S09E52 REGION HAS SHOWN RECENT ENHANCEMENT IN PLAGE INTENSITY AND IN WHITE LIGHT HAS NOW ATTAINED A TYPE C CLASSIFICATION. THE REGION AT S10W20 HAS APPEARED TO STABILIZE ALTHOUGH THE PLAGE REMAINS BRIGHT IN A PATCH JUST FOLLOWING THE LEADER SPOT. MODERATE LIMB ACTIVITY IS OCCURRING NEAR NW04 WHERE A REGION IS CROSSING.

B. OVERALL FLARE ACTIVITY NOT EXPECTED TO CHANGE MUCH, I.E. 3 TO 4 DOZEN CLASS C SUBFLARES A DAY. CLASS M FLARES EXPECTED TO OCCUR AT A RATE OF ONE PER TWO DAY PERIOD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 NOV/1700Z ENDING 06 NOV/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 03/1400Z WAS 156. PREDICTED 10.7 CM FLUX FOR 04-06 NOV IS 155/155/155.

E. MAGNETIC A-FREDERICKSBURG FOR 02 NOV WAS 04. FOR 03 NOV ABOUT 04. PREDICTED AP FOR 04-06 NOV, 05/04/04.

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