

HAUS BOU 260400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 085A ISSUED 0400Z 26 MARCH 1971

CLASS C ACTIVITY IS ANTICIPATED DURING THE NEXT 13 HOURS.

A. ONLY A FEW CLASS C EVENTS HAVE BEEN REPORTED DURING THE PAST 11 HOURS. THE ACTIVE CENTER AT S17E70 HAS SHOWN PLAGE ENHANCEMENTS, BUT SUBFLARE ACTIVITY IN THIS REGION HAS TEMPORARILY SUBSIDED. A MODERATELY STRONG MAGNETIC GRADIENT STILL REMAINS IN THE NORTHERN PART OF THE FOLLOWER SECTION OF THE SPOT GROUP AT S13E38, AND THE ASSOCIATED PLAGE HAS SHOWN POINT BRIGHTENINGS. THE OTHER REGIONS ON THE SOLAR DISK ARE RELATIVELY UNIMPRESSIVE. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 11 HOURS.

B. DURING THE 72-HOUR FORECAST PERIOD, SOLAR ACTIVITY MAY INCREASE SLIGHTLY FROM ITS PRESENT LOW LEVEL, AND CLASS C EVENTS ARE EXPECTED TO BE PRODUCED OCCASIONALLY BY THE ACTIVE CENTERS AT S13E38 AND S17E70. THERE IS A SMALL CHANCE THAT SPORADIC CLASS M EVENTS ALSO MAY OCCUR IN ONE OR BOTH OF THESE SOUTHEASTERN REGIONS. THE GEOMAGNETIC FIELD PROBABLY WILL EXHIBIT BRIEF PERIODS OF SLIGHT DISTURBANCE DURING THE NEXT 13 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 MAR/0400Z ENDING 29 MAR/0400Z.

CLASS M OR GREATER 30/35/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 25/1700Z AND 25/2000Z WERE 109 AND 106 RESPECTIVELY.

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FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO
SDF NUMBER 085B ISSUED 1700Z 26 MARCH 1971
ONLY CLASS C FLARES ARE EXPECTED BUT ISOLATED CLASS M FLARES ARE
POSSIBLE.

A. ONLY CLASS C EVENTS HAVE BEEN REPORTED DURING THE PAST 13
HOURS. THE REGION AT S13E23 HAS DECLINED IN BOTH WHITE LIGHT AND
H ALPHA. THE REGION OF INTEREST HAS A SINGLE PLAGE BUT TWO SS GROUPS
AT S20E62 AND S16E63. THE LATTER HAS INVERTED POLARITY WITH A DELTA
IN THE TRAILER FROM MT. WILSON'S MAGNETOGRAM. THE GEOMAGNETIC
FIELD HAS BECOME SLIGHTLY DISTURBED SINCE 1200Z.

B. DURING THE 3 DAY FORECAST PERIOD, SOLAR ACTIVITY IS EXPECTED TO
INCREASE FROM THE REGION CENTERED NEAR S18E62. THE GEOMAGNETIC FIELD
IS EXPECTED TO CONTINUE WITH SHORT PERIODS OF SLIGHT TO MODERATE
DISTURBANCE FOR THE NEXT 36 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 26 MAR/1700Z ENDING 29 MAR/1700Z.

CLASS M OR GREATER 30/40/50

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 26/1400Z WAS 108. PREDICTED 10.7 CM FLUX
FOR 27-29 MAR IS 112/116/119.

E. MAGNETIC A-FREDERICKSBURG FOR 25 MAR WAS 09. FOR 26 MAR ABOUT 12
PREDICTED AP FOR 27-29 MAR, 08/08/05.

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