

NNNN035 /

NNNN

KMSC

HAUS BOU 050400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 005A ISSUED 0400Z 05 JANUARY 1971

ONLY MINOR ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. NO FLARE ACTIVITY HAS BEEN REPORTED DURING THE PAST 24 HOURS.

LIMB ACTIVITY HAS BEEN OBSERVED IN THE NORTHWEST, THE NORTHEAST AND THE SOUTHEAST. THE ACTIVITY ON THE LIMBS HAS NOT BEEN OF MAJOR PROPORTIONS. THE REGION IN THE SOUTHEAST IS THE MOST INTERESTING DISK FEATURE. THE GEOMAGNETIC FIELD IS QUIET.

B. THE REGION IN THE SOUTHEAST SEEMS TO BE DEVELOPING AND IT IS PROBABLE THAT IT WILL PRODUCE A FEW NON-ENERGETIC FLARES DURING THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD WILL BE QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 JAN/0400Z ENDING 08 JAN/0400Z

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 04/1700Z AND 04/2000Z WERE BOTH 145.

SOLTERWARN

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KMSC

HAUS BOU 051700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 005B ISSUED 1700Z 05 JAN 1971

ONLY MINOR ACTIVITY IS EXPECTED DURING THE NEXT 11 HOURS.

A. FIVE CLASS C SUBFLARES HAVE OCCURRED SO FAR THIS UT DAY. FOUR OF THESE WERE IN THE REGION NEAR S08E64. THIS REGION CONTAINS AN E-TYPE SPOT GROUP AND PLAGUE OF NORMAL INTENSITY. POOR SEEING CONDITIONS HAVE PREVENTED A DETAILED ANALYSIS OF THE STRUCTURE OF THE REGION. ITS LARGE SCALE CONFIGURATION APPEARS TO BE BASICALLY SIMPLE BIPOLE WITH A NORTH-SOUTH NEUTRAL LINE. IT MAY, HOWEVER, CONTAIN SOME SMALLER SCALE COMPLEXITY. THUS FAR THE REGION HAS BEEN STABLE AND NEW GROWTH OR THE ONSET OF A RAPID DECAY WILL PROBABLY HAVE TO OCCUR BEFORE THE REGION PRODUCES SIGNIFICANT ACTIVITY. OTHER DISK FEATURES ARE STABLE OR DECLINING SLOWLY. THE GEOMAGNETIC FIELD IS QUIET.

B. ONLY INFREQUENT MINOR ACTIVITY IS EXPECTED DURING THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD WILL PROBABLY BE UNSETLED FOR THE NEXT 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 JAN/1700Z ENDING 08 JAN/1700Z.

CLASS M OR GREATER 25/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 05/1400Z WAS 151. PREDICTED 10.7 CM FLUX FOR 06-08 JAN IS 154/158/162.

E. MAGNETIC A-FREDERICKSBURG FOR 04 JAN WAS 10. FOR 05 JAN ABOUT 10 PREDICTED AP FOR 06-08 JAN, 13/10/10.

SOLTERWARN

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