

NNNN0400

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KMSC

HAUS BOU 200400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 571A ISSUED 0400Z 20 MAR 1970

A BORDERLINE CONDITION EXISTS AS TO WHETHER OR NOT M FLARES
WILL OR WILL NOT OCCUR DURING THE NEXT 13-HOUR PERIOD.

A. PLAGE AND SPOTS OF INTEREST ARE STILL ROTATING INTO VIEW
ON THE NE LIMB. A J-TYPE SPOT HAS APPEARED NEAR N15E87 WHILE
ADDITIONAL PLAGE IS CROSSING AT N09,18, AND 21. NO SPECTACULAR
SURGE ACTIVITY HAS ACCOMPANIED THESE LATEST ADDITIONS TO THE
DISK. SPOT GROUPS VISIBLE IN THE OTHER QUADRANTS REMAIN INACTIVE.
THE EARTH'S MAGNETIC FIELD AND THE IMMEDIATE INTERPLANETARY
MEDIUM ARE QUIET.

B. ONLY SMALL M EVENTS ARE ANTICIPATED IF THEY DO OCCUR AT ALL. A
POINT ABOUT MIDWAY BETWEEN THE N18E58 AND N11E62 GROUPS IS THE
MOST LIKELY SOURCE OF SUCH ACTIVITY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 20 MAR/0400Z ENDING 23 MAR/0400Z.

CLASS M OR GREATER 50/50/50

CLASS X 10/10/10

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 19/1700 AND 2000Z WERE 131 AND 135
RESPECTIVELY.

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HAUS BOU 201708Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 571B ISSUED 1700Z 20 MARCH 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL WITH ONLY CLASS C FLARES BEING OBSERVED. A COMPLEX SERIES OF SMALL SPOT GROUPS ARE LOCATED AT N21E54, N17E51, N11E55, N13E60 AND N15E69. IMPORTANCE 2 LOOPS AT 20/1436Z AND AN IMPORTANCE 2 ACTIVE PROMINENCE AT 20/1412Z BOTH WERE OBSERVED NEAR N21E1. THIS INDICATES THAT ANOTHER REGION WILL BE ROTATING OVER THE NE LIMB. THE BRIGHTEST REGION IN H-ALPHA IS LOCATED AT N17W24. THE REMAINING REGIONS ARE UNIMPRESSIVE. THE GEOMAGNETIC FIELD IS VERY QUIET.

B. SOLAR ACTIVITY SHOULD INCREASE IF THE NE COMPLEX OF REGIONS GROWS SIGNIFICANTLY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 20/1700Z ENDING 23/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/10

PROTON EVENTS 01/02/02

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 139. PREDICTED 145/152/155.

E. MAGNETIC A-FREDERICKSBURG FOR 19 MARCH WAS 04. FOR 20 MARCH ABOUT 01. PREDICTED AP FOR 21-23 MARCH, 06/06/08.

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