

NNNNUU0350
NNNNUM

KMSC

HAUS BOU 190400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 601A ISSUED 0400Z 19 APRIL 1970

CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY REMAINS AT A MODERATE LEVEL WITH THE MAJORITY OF ACTIVITY BEING OBSERVED FROM THE NORTH WEST REGION WHICH IS NOW STARTING ITS WEST LIMB PASSAGE. AT 18/2222Z AN OPTICAL 2N FLARE WAS OBSERVED AND AT 18/2310Z AN OPTICAL 1N FLARE WAS OBSERVED FROM REGION N17W80. BSL ACTIVITY HAS ALSO BEEN OBSERVED FROM THIS REGION. THE REST OF THE DISK HAS BEEN QUIET. THE GEOMAGNETIC FIELD IS DISTURBED.

B. FLARE ACTIVITY WILL CONTINUE FROM THE NORTH WEST REGION AS IT PASSES OVER THE WEST LIMB. THE GEOMAGNETIC FIELD WILL REMAIN DISTURBED FOR THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 19 APRIL/0400Z ENDING 22 APRIL/0400Z

CLASS M OR GREATER 70/30/30

CLASS X 20/02/02

PROTON EVENTS 10/01/01

D. OTTAWA 10.7 CM FLUXES FOR 18/1700Z AND 2000Z WERE 141 AND 140 RESPECTIVELY.

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NNNNUU1655

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KMSC

HAUS BOU 191700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 601B ISSUED 1700Z 19 APRIL 1970

CLASS-M FLARES ARE NOT LIKELY DURING THE NEXT 11 HOURS.

A. ONLY INFREQUENT CLASS-C ACTIVITY HAS BEEN REPORTED DURING THE PAST 13 HOURS; OCCASIONAL SUBFLARES HAVE BEEN OBSERVED IN THE REGIONS AT N21E55 AND AT N18W90. THE REGIONS AT N21E55, N18E11, AND S07W07 HAVE SHOWN SOME DEVELOPMENT. THE GEOMAGNETIC FIELD HAS BEEN DISTURBED DURING THE PAST ELEVEN HOURS.

B. ONLY RELATIVELY MINOR ACTIVITY IS ANTICIPATED DURING THE NEXT 24 HOURS. THE REGION NOW UNDERGOING WEST LIMB PASSAGE AT N18W90 IS PROBABLY STILL CAPABLE OF PRODUCING CLASS-M LEVEL RADIATION AS SEEN BY THE EARTH, BUT WITHIN 24 HOURS OR LESS THE REGION OUGHT TO BE ADEQUATELY SHIELDED FROM EARTH BY THE WEST LIMB. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN SOMEWHAT DISTURBED FOR THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 19 APRIL/1700Z ENDING 22 APRIL/1700Z.

CLASS M OR GREATER 50/30/30

CLASS X 10/02/02

PROTON EVENTS 10/01/01

D. OTTAWA 10.7 CM FLUX TODAY IS 136. PREDICTED 128/125/125.

E. MAGNETIC A-FREDERICKSBURG FOR 18 APRIL WAS 16. FOR 19 APRIL ABOUT 20 PREDICTED AP FOR 20-22 APRIL, 12/10/08.

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