

NNNNUU0350

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KMSC

HAUS BOU 210400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 603A ISSUED 0400Z 21 APRIL 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. THE REGIONS ON THE DISK ARE ALL STABLE AND QUIET. THE GEOMAGNETIC DISTURBANCE WHICH SHOWED A SUDDEN COMMENCEMENT 20/1122Z HAD DECREASED BY 20/1800Z.

B. ONLY A FEW CLASS C FLARES ARE EXPECTED. NO REGION ON THE DISK IS ACTIVE. THE GEOMAGNETIC FIELD WILL REMAIN DISTURBED AT NORTHERN LATITUDES DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 21 APRIL/0400Z ENDING 24 APRIL/0400Z

CLASS M OR GREATER 30/30/30

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 20/1700Z AND 2000Z WERE 135 AND 128 RESPECTIVELY.

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KMSC

HAUS BOU 211700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 603B ISSUED 1700Z 21 APRIL 1970

ONLY CLASS-C FLARES ARE EXPECTED DURING THE NEXT ELEVEN HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL DURING THE PAST 13 HOURS. THE MOST SIGNIFICANT EVENT WAS AN IMPORTANCE ONE-FAINT FLARE THAT OCCURRED AT 1506Z FROM THE REGION AT S07W19. A NEW C-TYPE SPOT GROUP HAS EMERGED AT N03W27; THIS REGION PRODUCED A SUB-NORMAL FLARE AT 1145Z. BOTH THE SPOT GROUP AND PLAGE AT S08E18 ARE GROWING. THE GEOMAGNETIC FIELD HAS BEEN DISTURBED TO STORM MAGNITUDE SINCE APPROXIMATELY 21/0935Z.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A RELATIVELY LOW LEVEL; ONLY OCCASIONAL CLASS-C FLARES ARE ANTICIPATED. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN DISTURBED FOR AT LEAST THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 21 APRIL/1700Z ENDING 24 APRIL/1700Z.

CLASS M OR GREATER 30/30/30

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX TODAY IS 126. PREDICTED 128/130/132.

E. MAGNETIC A-FREDERICKSBURG FOR 20 APRIL WAS 17. FOR 21 APRIL ABOUT 40 PREDICTED AP FOR 22-24 APRIL, 16/12/10.

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