

NNNNUU0403

NNNNAMVEM

KMSC

HAUS BOU 050400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 709A ISSUED 0400Z 05 AUG 1970

AN UNUSUALLY LOW LEVEL OF ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SUNSPOT MINIMUM CONDITIONS PREVAIL IN BOTH THE NUMBER OF DISK FEATURES VISIBLE AND THEIR ATTENDANT ACTIVITY. NO MORE THAN TWO SUBFLARES WERE RECORDED DURING THE PAST 24 HOURS. QUIESCENT CONDITIONS EXIST GEOMAGNETICALLY AS WELL.

B. THE SCARCITY OF EVEN CLASS-C FLARES SUGGESTS A RECOVERY TO "NORMAL FLARE FREQUENCY" IN NOT LESS THAN 3 DAYS. OF THE 5 SPOT GROUPS CURRENTLY FACING EARTH, THE MOST PROMISING REGION IN TERMS OF FUTURE DEVELOPMENT IS THE SMALL, BIPOLAR CENTER NEAR N17E58. NO GEOMAGNETIC FIELD FLUCTUATIONS ARE FORESEEN DURING THIS PERIOD.

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

CLASS M OR GREATER 20/20/30

CLASS X 01/01/05

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 04/1700 AND 04/2000Z WERE 124 AND 125 RESPECTIVELY.

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HAUS BOU 051700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 709B ISSUED 1700Z 05 AUG 1970.

ONLY MINOR CLASS-C ACTIVITY IS ANTICIPATED DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 13 HOURS; ONLY A FEW INSIGNIFICANT SUBFLARES HAVE BEEN OBSERVED. THE REGION AT N13E51 HAS EXHIBITED SIGNIFICANT GROWTH DURING THE PAST 24 HOURS; THIS D-TYPE REGION NOW HAS AN APPROXIMATE AREA OF 390 MILLIONTHS, CONTAINS BRIGHT, COMPACT PLAGE, AND APPEARS TO BE INCREASING IN COMPLEXITY. OTHER DISK REGIONS CURRENTLY ARE RELATIVELY SIMPLE AND UNIMPRESSIVE. THE GEOMAGNETIC FIELD HAS REMAINED VERY QUIET DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO INCREASE DURING THE FORECAST PERIOD; THIS ANTICIPATION IS BASED UPON THE ASSUMPTIONS THAT DEVELOPMENT IN THE N13E51 REGION WILL CONTINUE AND THAT THE PRODUCTION OF SPORADIC ENERGETIC FLARES WILL BEGIN SHORTLY.

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

CLASS M OR GREATER 45/50/55

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX FOR 05/1400Z WAS 124. PREDICTED 10.7CM FLUX FOR 06-08 AUG IS 127/130/133.

E. MAGNETIC A-FREDERICKSBURG FOR 04 AUG WAS 04. FOR 05 AUG ABOUT 04. PREDICTED AP FOR 06-08 AUG IS 05/05/05.

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