

NNNN0358

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KMSC

HAUS BOU 090400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 713A ISSUED 0400Z 09 AUGUST 1970

CLASS C ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN A LITTLE MORE ACTIVE DURING THE PAST 11 HOURS WITH REGION S05W05 PRODUCING MOST OF THE ACTIVITY. THE REGION S05W05 HAS BRIGHT PLAGE IN THE TRAILER PORTION AND IS THE BRIGHTEST DISK FEATURE. THE REGION N18E43 HAS CONTINUED ITS SLOW GROWTH. THE OTHER REGIONS ON THE DISK ARE QUIET. THE GEOMAGNETIC FIELD CONTINUES TO HAVE PERIODS OF DISTURBED CONDITIONS.

B. SOLAR ACTIVITY WILL CONTINUE AT A RATHER LOW LEVEL. CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED. THE REGION S05W05 WILL BE THE MOST ACTIVE REGION. THE GEOMAGNETIC DISTURBED PERIODS WILL CONTINUE FOR ANOTHER 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 AUG/0400Z ENDING 12 AUG/0400Z

CLASS M OR GREATER 50/50/50

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 08/1700Z AND 08/2000Z WERE 128 AND 129 RESPECTIVELY.

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HAUS BOU 091700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 713B ISSUED 1700Z 09 AUG 1970

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. A CLASS M EVENT OCCURRED AT 09/0540Z. THIS EVENT WAS NOT ASSOCIATED WITH ANY OPTICAL REPORT. THE THREE INTERESTING REGIONS ON THE SUN, N18W03, N21E34 AND S05W13, HAVE SHOWN MINOR CHANGE IN STRUCTURE IN THE PAST 24 HOURS. IT APPEARS AS THOUGH THEY HAVE ALL REACHED THEIR RESPECTIVE PEAK DEVELOPMENT. THE GEOMAGNETIC STORM ENDED 08/0600Z. SINCE THAT TIME THERE HAVE BEEN PERIODS OF DISTURBED CONDITIONS. THE LAST ONE ENDING 09/1200Z.

B. THE PRESENT DISK REGIONS HAVE YET TO PRODUCE ANY ENERGETIC FLARES, ALTHOUGH CLASS C FLARES HAVE INCREASED. IT IS FELT A GOOD CHANCE EXISTS FOR INFREQUENT CLASS M FLARES. THE GEOMAGNETIC FIELD IS EXPECTED TO SHOW PERIODS OF UNSETTLED BEHAVIOR THE NEXT 3 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 AUG/1700Z ENDING 12 AUG/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX TODAY IS 135 AT 1400Z.

PREDICTED 140/143/146.

E. MAGNETIC A-FREDERICKSBURG FOR 08 AUG WAS 21. FOR 09 AUG ABOUT 17. PREDICTED AP FOR 10-12 AUG, 15/15/10.

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