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KMSC

HAUS BOU 030400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 768A ISSUED 0400Z 03 OCT 1970

ONLY OCCASIONAL CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL DURING THE PAST 11 HOURS, ONLY A FEW CLASS C FLARES HAVING BEEN OBSERVED. THE REGION N18W05 HAS SHOWN SOME PLAGE DEVELOPMENT IN THE LEADER PORTION. THE SPOTS HAVE GROWN TO RUDIMENTARY C-TYPE. THE OTHER REGIONS ON THE DISK ARE ALL QUIET AND STABLE. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT ITS PRESENT LOW LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET UNTIL 04 OCTOBER WHEN A MODERATE DISTURBANCE MAY OCCUR.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 OCT/0400Z ENDING 06 OCT/0400Z

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 02/2000Z WERE 125 AND 121 RESPECTIVELY.

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HAUS BOU 031700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 768B ISSUED 1700Z 03 OCT 1970

OCCASIONAL CLASS-C FLARES ARE LIKELY DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED RELATIVELY LOW AND NON-ENERGETIC DURING THE PAST 13 HOURS BUT HAS SHOWN AN INCREASING TREND.

DEVELOPMENT IS IN PROGRESS IN THE REGION AT N18W17; THE LEADING SPOTS HAVE GROWN, NEW SPOTS HAVE FORMED, AND A NEW BIPOLAR STRUCTURE HAS APPEARED ABOUT TWO DEGREES NORTH OF THE SITE OF PREVIOUS GROWTH. SOME MINOR DEVELOPMENT ALSO HAS OCCURRED IN THE REGION AT S10E45. THE REST OF THE DISK IS RELATIVELY UNIMPRESSIVE. DURING THE PAST 24 HOURS THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET.

B. ONLY CLASS-C FLARES ARE ANTICIPATED DURING THE FORECAST PERIOD UNLESS THE RATE OF DEVELOPMENT INCREASES AT EITHER THE N18W17 OR THE S10E45 REGION. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME MODERATELY DISTURBED EARLY ON 04 OCTOBER.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 OCT/1700Z ENDING 06 OCT/1700Z.

CLASS M OR GREATER 20/25/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 03/1400Z WAS 127. PREDICTED

10.7 CM FLUX FOR 04-06 OCT IS 130/132/132.

E. MAGNETIC A-FREDERICKSBURG FOR 02 OCT WAS 08. FOR 03 OCT ABOUT 10. PREDICTED AP FOR 04-06 OCT, 20/12/10.

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