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KMSC

HAUS BOU 040400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 769A ISSUED 0400Z 04 OCTOBER 1970

ONLY 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. THE REGION N18W23 HAS PRODUCED THE MAJORITY OF ACTIVITY DURING THE PAST 24 HOURS. THE REGION N18W23 IS THE MOST INTERESTING DISK FEATURE AND IS CLASSIFIED A BETA GAMMA BY MT. WILSON. THE REGION S06W61 HAS DIMINISHED IN BRIGHTNESS. THE OTHER REGIONS ARE QUIET. THE GEOMAGNETIC FIELD IS MODERATELY DISTURBED.

B. SOLAR ACTIVITY WILL CONTINUE AT ITS PRESENT LEVEL WITH CLASS C FLARES. THE GEOMAGNETIC FIELD WILL REMAIN DISTURBED FOR THE NEXT 10-14 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 OCT/0400Z ENDING 07 OCT/0400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 03/1700Z AND 03/2000Z WERE 126 AND 124 RESPECTIVELY.

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HAUS BOU 041725

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 769B ISSUED 1700Z 04 OCT 1970

CLASS C FLARES EXPECTED IN THE NEXT 11 HOURS.

A. SOLAR ACTIVITY IN THE FORM OF SUBFLARES IS INCREASING BUT REMAINS NONENERGETIC. THE FLARES HAVE BEEN LOCATED NEAR N16W78, N18W31 AND S10E31. THE S10E31 REGION HAS CONTINUED TO GROW; SPOT AREA HAS INCREASED 400 PER CENT AND THE PLAGE IS COMPACT AND BRIGHT. MIXED POLARITIES REMAIN IN THE SPOT GROUP BUT RECENTLY HAVE SHOWN SOME SIMPLIFICATION. THE N18W31 REGION IS UNCHANGED AND THE N16W78 REGION HAS BRIGHTER PLAGE. THE GEOMAGNETIC FIELD HAS BEEN SETTLING DOWN THE PAST 6 HOURS.

B. NO CHANGE EXPECTED IN THE CURRENT TREND OF ACTIVITY. MORE DEVELOPMENT IN THE S10E31 IS EXPECTED AND WITH THIS DEVELOPMENT ONE OR TWO SMALL M FLARES ARE NOT UNLIKELY IN THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD IS EXPECTED TO RETURN TO QUIET CONDITIONS IN 9 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOURS PERIODS BEGINNING 04 OCT/1700Z ENDING 07 OCT/1700Z.

CLASS M OR GREATER 25/30/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 04/1400Z WAS 143. PREDICTED

10.7 CM FLUX FOR 05-07 OCT IS 139/141/143.

E. MAGNETIC A-FREDERICKSBURG FOR 03 OCT WAS 13. FOR 04 OCT ABOUT 20. PREDICTED AP FOR 05-07 OCT, 15/10/06.

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