

NNNN

KMSC

HAUS BOU 050400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 770A ISSUED 0400Z 05 OCTOBER 1970

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. DURING THE PAST 11 HOURS SOLAR ACTIVITY HAS BEEN LOW WITH ONLY A FEW SUBFLARES BEING OBSERVED. ONE CLASS M3 EVENT WAS OBSERVED, A SB FLARE AT 04/1730Z IN REGION N17W32. VERY LITTLE RADIO DISTURBANCE WAS OBSERVED. THE REGION S10E27 IS THE MOST INTERESTING DISK FEATURE. THIS REGION TOGETHER WITH N18W36 ARE CLASSIFIED BY MT. WILSON AS BETA GAMMA. THE GEOMAGNETIC FIELD IS NOW QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LEVEL, CLASS C FLARES WITH AN OCCASIONAL CLASS M FLARE. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET.

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

CLASS M OR GREATER 25/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 04/1700Z AND 04/2000Z WERE 137 AND 136 RESPECTIVELY.

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HAUS BOU 051700

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 770B ISSUED 1700Z 05 OCT 1970

NOTHING MORE THAN CLASS C FLARES ARE ANTICIPATED DURING THE NEXT 11 HOURS.

A. A SMALL ENERGETIC FLARE (M1) OCCURRED WITHIN THE DEVELOPING S10E19 REGION TODAY ABOUT 0451Z. THE EVENT'S ASSOCIATED SHORT AND LONG WAVELENGTH EMISSIONS WERE NEGLIGIBLE. ALTHOUGH THIS SPOT GROUP REMAINS THE LARGEST ON THE DISK, ITS HYDROGEN PLAGE IS SMALL AND GROUPED PRIMARILY WITH THE FOLLOWING PORTION. IMP ONE SURGE ACTIVITY ON THE NE LIMB LATE YESTERDAY AND EARLY TODAY HAS HERALDED THE APPEARANCE OF A TYPE C REGION NEAR N18E30. WHITE LIGHT OBSERVATIONS INDICATE A MIXTURE OF POLARITIES THERE. THE MODERATELY BRIGHT PLAGE IN ATTENDANCE DISPLAYS LITTLE LATITUDINAL EXTENT.

B. BORDERLINE M-FLARES ARE EXPECTED THESE NEXT 3 DAYS AT THE RATE OF ABOUT ONE PER DAY. THE GEOMAGNETIC FIELD SHOULD REMAIN UNDISTURBED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 OCT/1700Z ENDING 09 OCT/1700Z.

CLASS M OR GREATER 25/30/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 05/1400Z WAS 136. PREDICTED 10.7CM FLUX FOR 06-08 OCT IS 137/139/140.

E. MAGNETIC A-FREDERICKSBURG FOR 04 OCT WAS 20. FOR 05 OCT ABOUT 08. PREDICTED AP FOR 06-08 OCT IS 05/05/05.

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