

NNNN0350

NNNN

KMSC

HAUS BOU 110400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 776A ISSUED 0400Z 11 OCTOBER 1970

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN CONFINED TO A FEW NON-ENERGETIC SUBFLARES, THE MAJORITY OF THEM FROM THE REGIONS S11W52 AND S13E16. NEITHER OF THESE REGIONS ARE DEVELOPING. IN FACT, BOTH ARE DECAYING. THE OTHER REGIONS ON THE DISK ALL APPEAR STABLE AND SIMPLE MAGNETICALLY. THE GEOMAGNETIC FIELD IS SHOWING PERIODS OF SLIGHT DISTURBANCE.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT PRESENT LEVEL, CLASS C FLARES WITH AN OCCASIONAL CLASS M FLARE. NO NEW DYNAMIC REGIONS ARE EXPECTED ON THE VISIBLE DISK. THE GEOMAGNETIC FIELD WILL HAVE PERIODS OF SLIGHT DISTURBANCE DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 OCT/0400Z ENDING 14 OCT/0400Z

CLASS M OR GREATER 45/45/45

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 10/1700Z AND 10/2000Z WERE 148 AND 146 RESPECTIVELY.

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HAUS BOU 111700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 776B ISSUED 1700Z 11 OCT 1970

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. THE REGION NEAR N18E01 IS CURRENTLY SHOWING SOME GROWTH, IN ADDITION, A SMALL BIPOLAR GROUP IS EMERGING JUST TO THE NE OF THIS REGION. THE GEOMAGNETIC FIELD HAS HAD A PERIOD OF DISTURBANCE BETWEEN 0600Z AND 1200Z TODAY.

B. THE N18E01 REGION WITH IS INTERACTION WITH THE REGION NEAR IT IS EXPECTED TO PRODUCE OCCASIONAL CLASS C FLARES. ALSO THE S10W61 REGION IS EXPECTED TO HAVE OCCASIONAL NONENERGETIC SUB-FLARES. THE GEOMAGNETIC FIELD IS EXPECTED TO HAVE PERIODS OF UNSETTLED CONDITIONS THROUGH 12 OCTOBER.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 OCT/1700Z ENDING 14 OCT/1700Z.

CLASS M OR GREATER 35/35/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 11/1400Z WAS 147. PREDICTED 10.7 CM FLUX FOR 12-14 OCT IS 143/139/135.

E. MAGNETIC A-FREDERICKSBURG FOR 10 OCT WAS 07. FOR 11 OCT ABOUT 15. PREDICTED AP FOR 12-14 OCT, 12/06/06.

SOLTERWARN

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NNNN1700

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KMSC

HAUS BOU 111700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

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