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KMSC

HAUS BOU 180400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 783A ISSUED 0400Z 18 OCTOBER 1970

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 11 HOURS. THE REGIONS ON THE DISK APPEAR QUITE STABLE AND QUIET WITH ONLY MINOR GROWTH IN THE COMPLEX NEAR NORTH-CENTRAL MERIDIAN. A NEW SMALL REGION DID APPEAR AT N23E14. THE GEOMAGNETIC FIELD HAS BEEN DISTURBED SINCE 18/0115Z.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LOW LEVEL WITH CLASS C FLARES. THE GEOMAGNETIC FIELD WILL CONTINUE TO HAVE PERIODS OF DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 OCT/0400Z ENDING 21 OCT/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 17/1700Z AND 17/2000Z WERE 132 AND 136 RESPECTIVELY.

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HAUS BOU 181700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 783B ISSUED 1700Z 18 OCT 1970

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. A SN FLARE, CLASS C7, OCCURRED AT 0713Z AT N07W31. THE F TYPE REGION REPORTED IN FORECAST 782A HAS BEEN RECLASSIFIED AS TWO H TYPE SPOTS OF LEADING MAGNETIC POLARITY. THE MAGNETIC FIELD WAS DISTURBED BETWEEN 0000Z AND 0900Z TODAY.

B. SOLAR ACTIVITY IS EXPECTED TO CONSIST OF OCCASIONAL CLASS C FLARES. THE GEOMAGNETIC FIELD IS EXPECTED TO HAVE PERIODS OF DISTURBED CONDITIONS IN THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 OCT/1700Z ENDING 21 OCT/1700Z.

CLASS M OR GREATER 35/35/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 18/1400Z WAS 139. PREDICTED 10.7 CM FLUX FOR 19-21 OCT IS 139/139/139.

E. MAGNETIC A-FREDERICKSBURG FOR 17 OCT WAS 19. FOR 18 OCT ABOUT 18. PREDICTED AP FOR 19-21 OCT, 15/12/06.

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