

KMSC

HAUS BOU 230400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 819A ISSUED 0400Z 23 NOVEMBER 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 11 HOURS. ONE CLASS M1 EVENT WAS RECORDED AT 22/2024Z. THE OPTICAL EVENT WAS A SUBFLARE IN THE NORTH WEST COMPLEX. ALL THE DISK REGIONS APPEAR STABLE AND QUIET. A NEW J TYPE SPOT WITH PLAGE IS MAKING ITS EAST LIMB TRANSIT AT S10. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVEL. THE GEOMAGNETIC FIELD WILL HAVE PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 NOV/0400Z ENDING 26 NOV/0400Z

CLASS M OR GREATER 50/50/40

CLASS X 05/02/02

PROTON EVENTS 05/02/02

D. OTTAWA 10.7 CM FLUXES FOR 22/1700Z AND 22/2000Z WERE BOTH 158.

SOLTERWARN

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KMSC

HAUS BOU 31700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 819B ISSUED 1700Z 23 NOVEMBER 1970

A FEW CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY HAS CONTINUED TO DECLINE AND CONSISTS MAINLY OF LIMB ACTIVITY IN THE NW QUADRANT WHERE A COMPLEX OF REGIONS ARE TRANSITING THE LIMB. THE GEOMAGNETIC FIELD CONTINUES TO HAVE PERIODS OF UNSETTLED BEHAVIOR.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW UNTIL A FEW REGIONS RETURN FROM THE EAST LIMB TOWARDS THE END OF THE FORECAST PERIOD. ONE REGION NEAR THE SE LIMB APPARENTLY IS TEMPORARILY INACTIVE. A MAGNETIC DISTURBANCE IS EXPECTED ON THE 26 NOVEMBER DUE TO A PASSING SECTOR BOUNDARY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 NOV/1700Z ENDING 26 NOV/1700Z.

CLASS M OR GREATER 50/50/40

CLASS X 05/02/02

PROTON EVENTS 05/02/02

D. OTTAWA 10.7CM FLUX FOR 23/1400Z WAS 149. PREDICTED 10.7CM FLUX FOR 24-26 NOV IS 140/135/130.

E. MAGNETIC A-FREDERICKSBURG FOR 22 NOV WAS 18. FOR 23 NOV ABOUT 11. PREDICTED AP FOR 24-26 NOV IS 11/06/18.

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