

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 044A ISSUED 0400Z 13 FEBRUARY 1971

ONLY MINOR SOLAR ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 11 HOURS. THE REGION AT N15W50 WHICH HAS PRODUCED MOST OF THE ACTIVITY DURING THE PAST 24 HOURS HAS SHOWN SLIGHT GROWTH. THE OTHER DISK REGIONS ARE QUIET AND STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET WITH PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 FEB/0400Z ENDING 16 FEB/0400Z

CLASS M OR GREATER 25/20/20

CLASS X 05/05/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 12/1700Z AND 12/2000Z WERE 114 AND 112 RESPECTIVELY.

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FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 044B ISSUED 1700Z 13 FEB 1971

INFREQUENT CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 13 HOURS, AND ONLY A FEW CLASS C EVENTS HAVE BEEN REPORTED. SLIGHT PENUMBRAL GROWTH HAS OCCURRED IN THE SPOT GROUP AT N15W57, AND ARCH FILAMENTS ARE PRESENT IN THE NEW REGION NOW DEVELOPING AT N10E06. THE OTHER DISK REGIONS ARE VERY UNIMPRESSIVE. DURING THE PAST 13 HOURS THE GEOMAGNETIC FIELD HAS REMAINED QUIET.

B. THE PRESENT LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE DURING THE THREE-DAY FORECAST PERIOD. INFREQUENT CLASS C FLARES ARE ANTICIPATED. THE GEOMAGNETIC FIELD PROBABLY WILL EXHIBIT UNSETTLED CONDITIONS DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 FEB/1700Z ENDING 16 FEB/1700Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 13/1400Z WAS 116. PREDICTED 10.7 CM FLUX FOR 14-16 FEB IS 118/120/121.

E. MAGNETIC A-FREDERICKSBURG FOR 12 FEB WAS 06. FOR 13 FEB ABOUT 05 PREDICTED AP FOR 14-16 FEB, 10/10/08.

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