

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 041A ISSUED 0400Z 10 FEBRUARY 1971

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 11 HOURS. ONLY A FEW CLASS C SUBFLARES HAVE BEEN REPORTED. AN UNIMPRESSIVE REGION CONTAINING A RUDIMENTARY D-TYPE SPOT GROUP AND ENHANCED PLAGE IS DEVELOPING SLOWLY AT N15W11, AND A NEW BIPOLAR CENTER HAS APPEARED AT S23W32. FEW OTHER SIGNIFICANT CHANGES HAVE BEEN OBSERVED ON THE DISK. THE GEOMAGNETIC FIELD HAS EXHIBITED RELATIVELY QUIET CONDITIONS DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE 72-HOUR FORECAST PERIOD. SPORADIC CLASS C FLARES ARE ANTICIPATED, BUT ENERGETIC ACTIVITY IS UNLIKELY. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN QUIET DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 FEB/0400Z ENDING 13 FEB/0400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 09/1700Z AND 09/2000Z WERE BOTH 114.

SOLTERWARN

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FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 041B ISSUED 1700Z 10 FEB 1971

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS BEEN VERY LOW. SIX SMALL REGIONS DOT THE DISK AND ALL APPEAR SOMEWHAT STABLE AT THIS TIME.

B. CLASS C FLARE ACTIVITY EXPECTED TO CONTINUE THE NEXT THREE DAYS. SEVERAL REGIONS ARE EXPECTED TO RETURN THIS FORECAST PERIOD AND MIGHT RAISE THE LEVEL OF NON-ENERGETIC EVENTS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 FEB/1700Z ENDING 13 FEB/1700Z.

CLASS M OR GREATER 20/20/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 10/1400Z WAS 112. PREDICTED 10.7CM FLUX FOR 11-13 FEB IS 112/113/114.

E. MAGNETIC A-FREDERICKSBURG FOR 09 FEB WAS 08. FOR 10 FEB ABOUT 05. PREDICTED AP FOR 11-13 FEB IS 05/03/07.

SOLTERWARN

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