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HFUS BOU 230500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 174A ISSUED 0500Z 23 JUNE 1971

ONLY CLASS C SOLAR FLARES ARE ANTICIPATED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST SEVEN HOURS, AND ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN REPORTED. MINOR ENHANCEMENTS HAVE BEEN OBSERVED IN THE PLAGE OF THE REGIONS AT N10E20 AND S11W80. NO SIGNIFICANT DEVELOPMENT HAS OCCURRED IN ANY OF THE REGIONS ON THE DISK. THE GEOMAGNETIC FIELD HAS BECOME UNSETTLED DURING THE PAST SEVEN HOURS.

B. DURING THE THREE-DAY FORECAST PERIOD, SOLAR ACTIVITY PROBABLY WILL REMAIN NEAR THE PRESENT LOW LEVEL. UNSETTLED GEOMAGNETIC CONDITIONS MAY CONTINUE DURING THE NEXT 24 HOURS, BUT K-INDICES AT MIDDLE-LATITUDE STATIONS ARE NOT EXPECTED TO EXCEED 4.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 JUNE/0000Z ENDING 25 JUNE/2400Z

CLASS M OR GREATER 12/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 232200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO
SDF NUMBER 174B ISSUED 2200Z 23 JUNE 1971

OCCASIONAL CLASS C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.
A. SOLAR ACTIVITY HAS CONSISTED OF A FEW SUBFLARES AND A FEW
DOZEN BRIGHT LIMB SURGES PRODUCED BY THE PASSING LIMB REGION
NOW AT SW12. THREE SMALL REGIONS HAVE EMERGED NEAR THE CENTER
OF THE DISK ONE OF WHICH IS NEAR AND OLDER REGION AT S17E06.
THESE TWO REGIONS APPEAR TO BE SHARING A PATCH OF RATHER BRIGHT
PLAGE. OTHER REGIONS APPEAR STABLE.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL. THE
GEOMAGNETIC FIELD WILL PROBABLY BE UNSETLED DURING THE MORNING
GMT HOURS DURING THE NEXT 48 TO 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 24 JUNE/0000Z ENDING 26 JUNE/2400Z.

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 23/1400Z - 23/1700Z AND 23/2000Z WERE
93, 92 AND 92 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 24-26
JUNE IS 91/90/90.

E. MAGNETIC A-FREDERICKSBURG FOR 22 JUNE WAS 07. FOR 23 JUNE ABOUT
11 PREDICTED AP FOR 24-26 JUNE, 11/10/09.

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