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HFJUS BOU 090500M

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 160A ISSUED 0500Z 09 JUNE 1971

INFREQUENT CLASS C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST SEVEN HOURS, AND NO ENERGETIC ACTIVITY HAS BEEN REPORTED. THE NEW REGION AT N08W36 IS STILL THE MOST IMPRESSIVE DISK FEATURE, CONTAINING FAINT ARCH-FILAMENTS AND INFREQUENTLY FLUCTUATING, UNIMPRESSIVE PLAGE. THIS N08W36 REGION NOW APPEARS STABLE AND SHOWS NO MAGNETIC COMPLEXITY. OTHER REGIONS ARE UNIMPRESSIVE. THE GEOMAGNETIC FIELD IS QUIET.

B. DURING THE NEXT 72 HOURS, SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL, AND ONLY INFREQUENT, NON-ENERGETIC FLARES ARE ANTICIPATED. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN RELATIVELY QUIET DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 JUNE/0000Z ENDING 11 JUNE/2400Z

CLASS M OR GREATER 15/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 160B ISSUED 2200Z 09 JUNE 1971

INFREQUENT, MINOR CLASS C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. ONLY THREE CLASS C FLARES WERE OBSERVED DURING THE LAST 17 HOURS ALL OF WHICH OCCURED IN S06W17. SEVERAL BRIGHT SURGES AND ACTIVE PROMINENCES WERE OBSERVED ON THE NW LIMB DURING THE LAST 24 HOURS. ALL DISK FEATURES SEEM STABLE.

B. DURING THE NEXT 72 HOURS ONLY INFREQUENT NON-ENERGETIC CLASS C FLARES ARE EXPECTED. THE GEOMAGNETIC FIELD WILL REMAIN QUIET DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 JUNE/0000Z ENDING 12 JUNE/2400Z.

CLASS M OR GREATER 10/15/15

CLASS X 01/01/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 09/1400Z - 09/1700Z AND 09/2000Z WERE 96, 98 AND 97 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 10-12 JUNE IS 97/95/94.

E. MAGNETIC A-FREDERICKSBURG FOR 08 JUNE WAS 08. FOR 09 JUNE ABOUT 03 PREDICTED AP FOR 10-12 JUNE, 03/04/04.

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