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HFUS BOU 190500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 170A ISSUED 0500Z 19 JUNE 1971

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. THE MOST ACTIVE REGION 130, N09E77, HAS NOW CEASED SURGING AND IS STABLE AND INACTIVE. THE EAST LIMB APPEARS QUIET. THE OTHER DISK REGIONS ARE ALL QUIET AND STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT PRESENT LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 19 JUNE/0000Z ENDING 21 JUNE/2400Z

CLASS M OR GREATER 15/15/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 192200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 170B ISSUED 2200Z 19 JUNE 1971

ONLY CLASS C SOLAR ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

A. DURING THE PAST 17 HOURS, ONLY A FEW CLASS C FLARES HAVE BEEN REPORTED. THE REGIONS AT N10E65 AND S05W28 PRESENTLY ARE RELATIVELY STABLE AND CONTAIN UNIMPRESSIVE PLAGE. THE SMALL PLAGE REGIONS AT N12W79 AND S14W30 ARE SLIGHTLY ENHANCED IN H-ALPHA. MINOR LIMB EVENTS HAVE BEEN OBSERVED AT NE23, SUGGESTING THAT A SMALL NEW REGION SOON MAY BE VISIBLE AT THAT LOCATION. QUIET GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 24 HOURS.

B. DURING THE THREE-DAY FORECAST PERIOD, SOLAR ACTIVITY PROBABLY WILL REMAIN NEAR THE PRESENT LOW LEVEL. SIGNIFICANT DEVELOPMENT IN THE REGIONS PRESENTLY VISIBLE IS NOT ANTICIPATED. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN RELATIVELY QUIET DURING THE NEXT 72 HOURS, BUT SHORT PERIODS OF UNSETTLED CONDITIONS MAY OCCUR AT HIGH MAGNETIC LATITUDES.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 20 JUNE/0000Z ENDING 22 JUNE/2400Z.

CLASS M OR GREATER 10/10/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 19/1400Z, 19/1700Z AND 19/2000Z WERE 92, 92 AND 91 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 20-22 JUNE IS 94/95/96.

E. MAGNETIC A-FREDERICKSBURG FOR 18 JUNE WAS 09. FOR 19 JUNE ABOUT 03. PREDICTED AP FOR 20-22 JUNE IS 11/09/08.

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