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HFUS BOU 050500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 156A ISSUED 0500Z 05 JUNE 1971

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL. THE REGIONS ON THE DISK ALL APPEAR QUITE STABLE AND QUIET. THE GEOMAGNETIC FIELD IS RELATIVELY QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LEVEL. THE GEOMAGNETIC FIELD WILL BE QUIET WITH SHORT PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 JUNE/0000Z ENDING 07 JUNE/2400Z

CLASS M OR GREATER 25/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 052200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 156B ISSUED 2200Z 05 JUNE 1971

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

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 17 HOURS, AND ONLY ONE CLASS C SUBFLARE HAS BEEN REPORTED.

THE PLAGE OF THE S03E21 REGION APPEARS STABLE, AND NO RECENT DEVELOPMENT HAS BEEN OBSERVED. A FEW SMALL FOLLOWER SPOTS AND MODERATELY ENHANCED PLAGE ARE PRESENT IN THE S05E34 REGION. A SMALL NEW REGION, PRESENTLY LOCATED AT N28 ON THE WEST LIMB, HAS PRODUCED OCCASIONAL MINOR SURGES. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 17 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL DURING THE THREE-DAY FORECAST PERIOD, AND ONLY SPORADIC CLASS C FLARES ARE ANTICIPATED. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN RELATIVELY QUIET DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 JUNE/0000Z ENDING 08 JUNE/2400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 05/1400Z - 05/1700Z AND 05/2000Z WERE 104, 103 AND 102 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 06-08 JUNE IS 104/104/104.

E. MAGNETIC A-FREDERICKSBURG FOR 04 JUNE WAS 10. FOR 05 JUNE ABOUT 07 PREDICTED AP FOR 06-08 JUNE, 07/05/05.

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