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HFUS BOU 150500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 166B ISSUED 0500Z 15 JUNE 1971

OCCASIONAL CLASS C FLARES EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY AN IMPORTANCE TWO

ERUPTIVE PROMINENCE OCCURRING AT 14/1851Z LOCATION NEAR NW20.

SOME DEVELOPMENT IS NOTED IN A D TYPE REGION AT S12W15 AND A PLAGE

REGION AT S13E11. THE OTHER TWO DISK REGIONS ARE SMALL AND STABLE.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR

PERIODS BEGINNING 15 JUNE/0000Z ENDING 17 JUNE/2400Z

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 152200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 166B ISSUED 2200Z 15 JUNE 1971

INFREQUENT CLASS C FLARES EXPECTED DURING THE NEXT 24 HOURS.

A. REGION NW14 PRODUCED SOME LIMB ACTIVITY BUT IS SETTLED AT PRESENT. OTHER MINOR LIMB ACTIVITY TOOK PLACE AT S04. THE REGION AT N22W61 PRODUCED TWO MINOR FLARES. THE LARGE SPOT AT S12W19 DETERIORATED INTO NUMEROUS SMALLER SPOTS WITH THE LEADER AND TRAILER DRIFTING APPROXIMATELY 8 DEGREES APART. REGION N13W40 IS DECAYING. THE GEOMAGNETIC FIELD CONTINUED TO REFLECT QUIET CONDITIONS.

B. SOLAR FLARE ACTIVITY WILL PROBABLY CONTINUE AT EXTREME LOW LEVEL FOR NEXT 24 HOURS. THE GEOMAGNETIC FIELD WILL ALSO PROBABLY CONTINUE TO REMAIN RELATIVELY UNDISTURBED FOR THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 16 JUNE/0000Z ENDING 18 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 15/1400Z, 15/1700Z AND 15/2000Z WERE 89, 89 AND 88, RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 16-18 JUNE IS 88/87/86.

E. MAGNETIC A-FREDERICKSBURG FOR 14 JUNE WAS 07. FOR 15 JUNE ABOUT 07. PREDICTED AP FOR 16-18 JUNE IS 06/05/05.

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