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HFUS BOU 070500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 158A ISSUED 0500Z 07 JUNE 1971

ONLY A FEW CLASS C EVENTS ARE EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. THE MOST INTERESTING OBSERVATION WAS THE PASSING OF A SUNSPOT GROUP ACROSS THE EXACT CENTER OF THE SOLAR DISK. THE REGIONS ARE QUIET AND STABLE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

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

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07 JUNE/0000Z ENDING 09 JUNE/2400Z

CLASS M OR GREATER 20/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 072200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 158B ISSUED 2200Z 07 JUNE 1971

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

A. SOLAR ACTIVITY CONTINUES TO REFLECT SUNSPOT MINIMUM CONDITIONS. BETWEEN 1300Z AND 2200Z ONLY 4 SUBFLARES TOOK PLACE. TWO SUBFLARES OCCURRED AT S06E09 IN THE EASTERN SECTION WHICH DISPLAYS AN ACTIVE PLAGE CORRIDOR, AND THE S06E09 REGION SHOWS IMBEDDED ARCH FILAMENTS.

B. THE PRESENT LOW LEVEL OF SOLAR ACTIVITY WILL PROBABLY CONTINUE DURING THE 3 DAY FORECAST PERIOD. QUIET GEOMAGNETIC CONDITIONS WILL ALSO PROBABLY PREVAIL DURING THE NEXT 24-48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 JUNE/0000Z ENDING 10 JUNE/2400Z.

CLASS M OR GREATER 15/15/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 07/1400Z, 07/1700Z AND 07/2000Z WERE 100, 99 AND 98 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 08-10 JUNE IS 100/99/97.

E. MAGNETIC A-FREDERICKSBURG FOR 06 JUNE WAS 07. FOR 07 JUNE ABOUT 06. PREDICTED AP FOR 08-10 JUNE, 05/03/07.

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