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HFUS BOU 080500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 159A ISSUED 0500Z 08 JUNE 1971

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

A. THE REGION S06E08 (110) CONTINUES TO BE THE MOST INTERESTING AND PRODUCTIVE ON THE SOLAR DISK. DURING THE PAST 24 HOURS A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED FROM REGION 110 AND THE PLAGE INTENSITY HAS INCREASED SLIGHTLY. A NEW SMALL PLAGE AND ARCH FILA-MENTS ARE VISIBLE AT N11W18, HOWEVER NO SPOTS ARE AS YET VISIBLE. THE REST OF THE DISK IS QUIET. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LEVEL. THE GEO-MAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGIN ING 08 JUNE/0000Z ENDING 10 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 082200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 159B ISSUED 2200Z 08 JUNE 1971

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

A. SUNSPOT MINIMUM CONDITIONS HAVE PREVAILED. ONLY 3 SMALL SUBFLARES HAVE BEEN REPORTED. ALL REGIONS EXCEPT N16W29 REMAINED STABLE. THIS NEW REGION AT N16W29 DISPLAYS THE BRIGHTEST PLAGE ON THE DISK AND SHOWS ARCH FILAMENTS. THIS SPOT GROUP HAS EVOLVED FROM A C TYPE INTO A D TYPE DURING THE DAY, BUT THE N16W29 AREA SEEMS TO HAVE STABILIZED.

B. THE PRESENT LOW LEVEL OF SOLAR ACTIVITY WILL PROBABLY REMAIN CONSTANT DURING THE NEXT 24-48 HOURS. QUIET GEOMAGNETIC CONDITIONS WILL PROBABLY REMAIN FOR THE NEXT 24 HOURS WITH THE TRACES EXHIBITING SLIGHT VARIATION IN 48-72 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 20/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 08/1400Z, 08/1700Z AND 08/2000Z WERE 100, 99 AND 97 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 09-11 JUNE IS 97/102/102.

E. MAGNETIC A-FREDERICKSBURG FOR 07 JUNE WAS 04. FOR 08 JUNE ABOUT 06. PREDICTED AP FOR 09-11 JUNE, 09/15/12.

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