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KBOU

HFUS BOU 140500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 165A ISSUED 0500Z 14 JUNE 1971

A FEW CLASS C FLARES EXPECTED DURING THE NEXT 24 HOURS.

A. TWO SUBNORMAL FLARES HAVE BEEN OBSERVED SINCE THE 2200Z MESSAGE.

A NEW COMPACT PLAGE REGION AT N12W68 HAS DEVELOPED QUITE RAPIDLY AND NOW HAS A TYPE C SUN SPOT GROUP. SOME DEVELOPMENT NOTED IN THE N13W20 REGION. THE GEOMAGNETIC FIELD IS QUIET.

B. THE N12W68 REGION APPEARS TO HAVE SURGED AHEAD AS THE DOMINANT DISK FEATURE AND MIGHT PRODUCE A FEW SUBFLARES PER DAY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 JUNE/0000Z ENDING 16 JUNE/2400Z

CLASS M OR GREATER 10/15/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 142210

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 165B ISSUED 2200Z 14 JUNE 1971

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

A. NO ENERGETIC FLARES HAVE BEEN REPORTED. MOST OF THE EXISTING REGIONS AT PRESENT ARE STABLE OR DECLINING. THE REGION LOCATED AT S06W88 HAS MOVED BEHIND THE LIMB, AND THE REGION LOCATED AT N14W73 DISPLAYS A SIMPLE H TYPE. THE OTHER REGIONS DO NOT DISPLAY MUCH COMPLEXITY. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE LAST 24 HOURS.

B. A HIGH PROBABILITY EXISTS THAT SOLAR FLARE ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN FAIRLY QUIET FOR THE NEXT 24 HOURS.

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

D. OTTAWA 10.7 CM FLUXES FOR 14/1400Z, 14/1700Z AND 14/2000Z WERE 92, 91 AND 90, RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 15-17 JUNE IS 90/88/87.

E. MAGNETIC A-FREDERICKSBURG FOR 13 JUNE WAS 07. FOR 14 JUNE ABOUT 10. PREDICTED AP FOR 15-17 JUNE IS 8/5/5.

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