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HFUS BOU 070500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 219A ISSUED 0500Z 07 AUGUST 1971

OCCASIONAL CLASS C SUBFLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL. NO FLARES HAVE BEEN OBSERVED SINCE 06/1205Z. THERE ARE CURRENTLY FIVE SMALL SPOT GROUPS ON THE VISIBLE DISK. NO ACTIVITY OBSERVED ON THE EAST LIMB. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. OCCASIONAL CLASS C SUBFLARES EXPECTED FOR NEXT 24 HOURS. ACTIVITY MAY INCREASE THEREAFTER IF REGIONS WHICH DEVELOPED DURING LAST ROTATION RETURN. QUIET GEOMAGNETIC CONDITIONS ARE EXPECTED.

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

CLASS M OR GREATER 30/35/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 219B ISSUED 2200Z 07 AUGUST 1971

OCCASIONAL CLASS C SUBFLARES EXPECTED THE NEXT 24 HOURS.

A. ONLY THREE NON-ENERGETIC SUBFLARES HAVE BEEN REPORTED. ONLY REGIONS 212 /S09E19/ AND 218 /N13W01/ HAVE PRODUCED FLARES. REGION 218 HAS A SLOWLY-GROWING D TYPE SPOT GROUP AND A SMALL PLAGE CONTAINING ARCH FILAMENTS. SLIGHT SPOT GROWTH HAS OCCURRED IN THE TRAILING SECTION OF REGION 215 /S11E27/. OTHER REGIONS APPEAR STABLE OR ARE DECLINING. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 17 HOURS.

B. OCCASIONAL CLASS C SUBFLARES EXPECTED FOR NEXT 72 HOURS. QUIET TO SLIGHTLY DISTURBED GEOMAGNETIC CONDITIONS ARE EXPECTED.

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

CLASS M OR GREATER 30/30/30

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 099, 100 AND 100 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 08-10 AUG IS 100/100/100.

E. MAGNETIC A-FREDERICKSBURG FOR 06 AUG WAS 01. FOR 07 AUG ABOUT 03 PREDICTED AP FOR 08-10 AUG, 05/10/10.

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