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HFUS BOU 080500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 220A ISSUED 0500Z 08 AUGUST 1971

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

A. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL. ONE SUB FAINT FLARE REPORTED SINCE SDF 219B. NO LIMB ACTIVITY OBSERVED. THE GEO-MAGNETIC FIELD HAS BEEN QUIET.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 AUG/0000Z ENDING 10 AUG/2400Z

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

SOLTERWARN

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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 220B ISSUED 2200Z 08 AUGUST 1971

OCCASIONAL CLASS C SUBFLARES EXPECTED THE NEXT 24 HOURS.

A. THE NEWLY DEVELOPED REGION 219 (N12W41) HAS GROWN BUT NOW HAS STABILIZED. REGION 215 (S11E12) HAS HAD SOME GROWTH IN THE TRAILING PORTION. REGION 218 (N13W15) HAS HAD SOME SPOT GROWTH BUT IS NOW STABLE. REGION 211 (S08W27) HAS HAD ISOLATED ACTIVITY. REGION 217 (S11E29) IS DECAYING. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED DURING THE LAST 17 HOURS.

B. OCCASIONAL CLASS C SUBFLARES EXPECTED FOR THE NEXT 24 HOURS. QUIET TO SLIGHTLY DISTURBED GEOMAGNETIC CONDITIONS ARE EXPECTED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING ~~08~~<sup>09</sup> AUG/0000Z ENDING ~~10~~<sup>11</sup> 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, 10/1700Z AND 07/2000Z WERE 106, 109 AND 106 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 09-10 AUG IS 105/105/100.

E. MAGNETIC A-FREDERICKSBURG FOR 07 AUG WAS 04. FOR 08 ABOUT 11 PREDICTED AP FOR 09-11 AUG, 6/8/7.

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TRAILING PORTION. REGION 218 (N13W15) HAS HAD SOME SPOT GROWTH

BUT IS NOW STABLE. REGION 211 (S03W27) HAS HAD ISOLATED

ACTIVITY. REGION 217 (S11E29) IS DECAYING. THE GEOMAGNETIC

FIELD HAS BEEN SLIGHTLY DISTURBED DURING THE LAST 17 HOURS.

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SOLTERWARM

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