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KBOU

HFUS BOU 060500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 218A ISSUED 0500Z 06 AUG 1971

OCCASIONAL CLASS C FLARES EXPECTED.

A. SOLAR ACTIVITY HAS DECREASED DURING THE PAST SEVEN HOURS, AND NO FLARES HAVE BEEN REPORTED. REGION 212 (S09E43) HAS BEEN QUIET. A GROWING D-TYPE SPOT GROUP AND POINT BRIGHTENINGS HAVE BEEN OBSERVED IN THE LEADING PLAGE OF REGION 215 (S11E51). ENHANCED PLAGE WITHOUT SPOTS IS VISIBLE IN A NEW PLAGE REGION AT S13E71. OTHER REGIONS ARE RELATIVELY UNIMPRESSIVE. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST SEVEN HOURS.

B. DURING THE NEXT 3 DAYS THE INTERACTING REGIONS 212 AND 215 ARE EXPECTED TO PRODUCE CLASS C FLARES. SHORT PERIODS OF UNSETTLED GEOMAGNETIC ACTIVITY ARE EXPECTED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 AUG/0000Z ENDING 08 AUG/2400Z.

CLASS M FOR GREATER 50/55/55

CLASS X 02/02/02

PROTON EVENTS 01/01/01

SOLTERWARN

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KBOU HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 218B ISSUED 2200Z 06 AUG 1971

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

A. SOLAR ACTIVITY HAS BEEN MINIMAL WITH 12 SUBFLARES REPORTED. NEW REGION 216 /S15W55/ DOES NOT APPEAR ACTIVE THOUGH THE PLAGE IS SLIGHTLY ENHANCED. DURING THE LAST 3 HOURS REGION 215 /S11E41/ HAS DECLINED IN AREA AND PLAGE INTENSITY. OTHER REGIONS APPEAR STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET FOR THE PAST 17 HOURS.

B. SOLAR ACTIVITY WILL PROBABLY CONTINUE AT ITS PRESENT LOW LEVEL FOR THE NEXT 24-48 HOURS. THE GEOMAGNETIC FIELD WILL ALSO PROBABLY CONTINUE TO BE QUIET.

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 35/35/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 06/1400Z, 06/1700Z AND 06/2000Z WERE 103, 102 AND 99 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 07-09 AUG. IS 100/100/100.

E. MAGNETIC A-FREDERICKSBURG FOR 05 AUG WAS 13. FOR 06 AUG ABOUT 02 PREDICTED AP FOR 07-09 AUG, 05/10/10.

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