

KBOU

HFUS BOU 310500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 212A ISSUED 0500Z 31 JULY 1971

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

A. ONLY MINOR ACTIVITY HAS OCCURRED DURING THE PAST 24 HOURS, WITH NO FLARES REPORTED SINCE 30/2000Z. ALL REGIONS ARE SIMPLE MAGNETICALLY WITH ONLY MINOR CHANGES OCCURRING. A SMALL REGION HAS ROTATED ON TO THE DISK AT S28E70. THE GEOMAGNETIC FIELD IS QUIET.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 31 JULY/0000Z ENDING 2 AUGUST/2400Z

CLASS M OR GREATER 30/35/35

CLASS X 02/02/02

PROTON EVENTS 02/02/02

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HXUS BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 212B ISSUED 2200Z 31 JULY 1971

OCCASIONAL CLASS C EVENTS EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. THE NEW SE REGION,

209 /S26E54/, HAS PRODUCED SIX OF THE NINE SUBFLARES

OBSERVED THE PAST 24 HOURS. TWO OF THESE SUBFLARES FROM 209

PRODUCED X-RAY BURSTS -- BORDERLINE M1 AT 31/1132 AND C6

AT 31/1528. REGION 209 NOW CONTAINS A SLOWLY GROWING TYPE

B/30 SUNSPOT GROUP WITH SMALL COMPACT PLAGE. REGION 201

/N20E03/ IS ALSO SMALL BUT GROWING. OTHER DISK FEATURES

STABLE. SCATTERED PLAGE IS CROSSING THE EAST LIMB NEAR S10.

THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW AND THE GEOMAGNETIC

FIELD SHOULD BE QUIET FOR THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24

HOUR PERIODS BEGINNING 01 AUG/0000Z ENDING 03 AUG/2400Z.

CLASS M OR GREATER 30/30/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 31/1400Z AND 31/1700Z WERE 108

AND 110. PREDICTED 10.7 CM FLUX FOR 01-03 AUGUST IS 110/112/110.

E. MAGNETIC A-FREDERICKSBURG FOR 30 JULY WAS 09. FOR 31 JULY

ABOUT 05 PREDICTED AP FOR 01-03 AUG, 05/05/05.

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