

KBOU

HXUS BOU 120500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 224A ISSUED 0500Z 12 AUGUST 1971

OCCASIONAL CLASS C SUBFLARES EXPECTED NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN VERY LOW DURING PAST SEVEN HOURS.

THE INTERACTING REGIONS 212 (S09W36) AND 215 (S11W29)  
HAVE HAD POINT BRIGHTENINGS BETWEEN THEM BUT IS DECLINING.

REGION 220 (N20E20) HAS HAD NEAR FLARE BRIGHTENINGS.

ALL OTHER REGIONS REMAIN EITHER STABLE OR UNCHANGED. EAST  
LIMB ACTIVITY MAY INDICATE A NEW ACTIVE REGION WILL SOON ROTATE  
ONTO THE DISK NEAR N10-15. GEOMAGNETIC CONDITIONS HAVE  
BEEN QUIET DURING THE PAST SEVEN HOURS.

B. OCCASIONAL CLASS C SUBFLARES EXPECTED PRIMARILY FROM THE 212  
/215 COMPLEX. QUIET TO UNSETTLED GEOMAGNETIC CONDITIONS  
EXPECTED THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 12 AUG/0000Z ENDING 14 AUG/2400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 02/01/01

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HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 224B ISSUED 2200Z 12 AUG 1971

OCCASIONAL CLASS C SUBFLARES EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY REMAINS LOW. ALL REGIONS ARE OF SIMPLE BI-POLAR OR UNIPOLAR CONFIGURATIONS. THESE REGIONS HAVE SCATTERED PLAGE AND ARE STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 20 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT LOW LEVELS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 AUG/0000Z ENDING 15 AUG/2400Z.

CLASS M OR GREATER 15/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 12/1400Z, 12/1700Z AND 12/2000Z WERE 100, 99 AND 98 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 13-15 AUG IS 97/95/99.

E. MAGNETIC A-FREDERICKSBURG FOR 11 AUG WAS 13. FOR 12 AUG ABOUT 13. PREDICTED AP FOR 13-15 AUG IS 11/10/03.

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HFUS BOU 130500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 225A ISSUED 0500Z 12 AUG 1971

OCCASIONAL CLASS C SUBFLARES EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY REMAINS LOW. ALL REGIONS ARE EITHER  
STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE  
PAST 24 HOURS.

B. LOW SOLAR ACTIVITY EXPECTED TO CONTINUE. UNSETTLED GEOMAGNETIC  
ACTIVITY EXPECTED THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 13 AUG/0000Z ENDING 15 AUG/2400Z.

CLASS M OR GREATER 15/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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