

HFUS BOU 100500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 222A ISSUED 0500Z 10 AUGUST 1971

OCCASIONAL CLASS C SUBFLARES EXPECTED DURING THE NEXT 24 HOURS.

A. NO ACTIVITY AND NO SIGNIFICANT CHANGES HAVE OCCURRED SINCE OUR MESSAGE OF 09/2200Z. THE EAST LIMB IS QUIET. THE GEOMAGNETIC FIELD CONTINUES TO BE UNSETTLED.

B. OCCASIONAL SUBFLARES EXPECTED DURING THE NEXT 72 HOURS FROM THE SIX REGIONS ON THE DISK.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 AUG/0000Z ENDING 12 AUG/2400Z

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

SOLTERWARN

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CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 222B ISSUED 2200Z 10 AUG 1971

CLASS C FLARES EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY REMAINED AT A LOW LEVEL.

REGION 218 (N13W42) HAS DEVELOPED SLIGHTLY WHILE ALL ^{NE} OTHER REGIONS HAVE DECLINED. A FEW WEAK SURGES AROUND ~~NE~~ 10 MARK THE RETURN OF AN INACTIVE REGION. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED EARLIER TODAY.

B. OCCASIONAL SUBFLARES EXPECTED DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 AUG/0000Z ENDING 13 AUG/2400Z.

CLASS M OR GREATER 20/20/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 10/14000Z, 10/1700Z AND 10/2000Z WERE 107, 107 AND 105 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 11-13 AUG IS 105/104/103.

E. MAGNETIC A-FREDERICKSBURG FOR 9 AUG WAS 11. FOR 10 AUG ABOUT 9 PREDICTED AP FOR 11-13 AUG, 8/8/8.

SOLTERWARN

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