

HFUS BOU 090500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221A ISSUED 0500Z 09 AUGUST 1971

OCCASIONAL CLASS C SUBFLARES EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. REGIONS 215 (S11E09), 218 (N13W18) AND 219 (N12W44) HAVE SHOWN SLOW GROWTH. A PROMINENCE ON THE EAST LIMB NEAR S08 HAS BEEN ACTIVE, OTHERWISE THE EAST LIMB IS QUIET. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 AUG/0000Z ENDING 11 AUG/2400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

NOTE: PART D OF SDF 220B SHOULD READ OTTAWA 10.7 CM FLUXES FOR 08/1400Z, 08/1700Z AND 08/2000Z WERE 106, 109 AND 106, RESPECTIVELY. THE TIME INTERVAL FOR PART C SHOULD BE 09/0000Z TO 11/2400Z.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221B ISSUED 2200Z 09 AUG 1971

CLASS C FLARES EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS DROPPED TO A VERY LOW LEVEL, I.E.

FIVE SUBFLARES DURING THE LAST 29 HOURS.

REGION 215 (S11E02) HAS SHOWN LITTLE GROWTH TODAY AND ONLY ONE

SUBFLARE. THE INTERMEDIATE SMALL SPOTS APPEAR TO BE OF

MIXED POLARITY BUT THE NEUTRAL IS NOT UNDULY COMPLEX.

THE SPOTLESS REGION 211 (S08W39) WITH ITS EAST-WEST NEUTRAL *LINE*

HAS BEEN THE MOST ACTIVE PRODUCING TWO SUBFLARES.

OTHER REGIONS HAVE CHANGED LITTLE THE PAST 24 HOURS. THE

GEOMAGNETIC FIELD HAS RECENTLY BEEN UNSETTLED.

B. OCCASIONAL SUBFLARES ARE EXPECTED FROM ANY OF THE SIX

CURRENT DISK REGIONS.

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

D. OTTAWA 10.7 CM FLUXES FOR 09/1400Z, 09/1700Z AND 09/2000Z

WERE 108, 109, 108 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 10-12 AUG IS 103/110/107.

E. MAGNETIC A-FREDERICKSBURG FOR 3 AUG WAS 12. FOR 9 AUG

ABOUT 9 PREDICTED AP FOR 10-12 AUG, 9/7/3.

SOLTERWARN

BT