

HFUS BOU 170500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 229A ISSUED 0500Z 17 AUGUST 1971

ONLY CLASS C ACTIVITY EXPECTED DURING NEXT 24 HOURS.

A. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. A NEW REGION, NUMBER 234, IS DEVELOPING NEAR N09W10. MINOR SURGE ACTIVITY IS OCCURRING ON THE EAST LIMB NEAR S10. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. NO SIGNIFICANT ACTIVITY EXPECTED DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 17 AUG/0000Z ENDING 19 AUG/2400Z

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HFUS BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 229B ISSUED 2200Z 17 AUG 1971

ONLY CLASS C FLARES EXPECTED.

A. SOLAR ACTIVITY HAS REMAINED LOW. REGION 230 /N15E04/ HAS GROWN INTO A BIPOLAR SUNSPOT REGION. EXTENSIVE PLAGE CO-EXISTS WITH REGION 221 /N14W07/. ALL REPORTED FLARES HAVE BEEN IN THESE TWO REGIONS. REGION 235 /S13E81/ IS A LARGE BIPOLE WITH THE TRAILER SPOT NOW VISIBLE ON THE LIMB. PLAGE STRUCTURE IS COMPACT AND MODERATE IN SIZE. PLAGE HAS BEEN NEAR FLARE BRIGHTNESS WITH ALMOST CONTINUES SMALL SURGE ACTIVITY. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. CLASS M PROBABILITIES ARE INCREASED DUE TO THE GROWTH IN REGION 230 AND ROTATION ONTO THE DISK OF REGION 235. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 AUG/0000Z ENDING 20 AUG/2400Z.

CLASS M OR GREATER 20/25/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 17/1400Z, 17/1700Z AND 17/2000Z WERE 100, 101 AND 101 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 18-20 AUG IS 102/105/108.

E. MAGNETIC A-FREDERICKSBURG FOR 16 AUG WAS 10. FOR 17 AUG ABOUT 06. PREDICTED AP FOR 18-20 AUG, 06/04/04.

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ONLY CLASS C FLARES EXPECTED.

A. SOLAR ACTIVITY HAS REMAINED LOW. REGION 230 /N15E04/ HAS GROWN INTO A BIPOLAR SUNSPOT REGION. EXTENSIVE PLAGE CO-EXISTS WITH REGION 221 /N14W07/. ALL REPORTED FLARES HAVE BEEN IN THESE TWO REGIONS. REGION 235 /S13E81/ IS A LARGE BIPOLE WITH THE TRAILER SPOT NOW VISIBLE ON THE LIMB. PLAGE STRUCTURE IS COMPACT AND MODERATE IN SIZE. PLAGE HAS BEEN NEAR FLARE BRIGHTNESS WITH ALMOST CONTINUES SMALL SURGE ACTIVITY. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. CLASS M PROBABILITIES ARE INCREASED DUE TO THE GROWTH IN REGION 230 AND ROTATION ONTO THE DISK OF REGION 235. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 AUG/0000Z ENDING 20 AUG/2400Z.

CLASS M OR GREATER 20/25/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 17/1400Z, 17/1700Z AND 17/2000Z WERE 100, 101 AND 101 RESPECTIVELY.

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