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KBOU

HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 229 ISSUED 2200Z 16 AUG 1972

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL WITH NO ENERGETIC EVENTS SINCE THE 15/1745Z FLARE WHICH WAS OF CLASS M-2.

ALTHOUGH THERE ARE SIX REGIONS ON THE VISIBLE DISK, ALL ARE SMALL AND LACK MAGNETIC COMPLEXITY. REGIONS 362/S26E47/ AND 359 /N15W28/ ARE SLOWLY DEVELOPING WITH ARCH FILAMENTS VISIBLE IN BOTH REGIONS. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL REMAIN AT A LOW LEVEL. CONTINUED DEVELOPMENT IN REGIONS 362 AND 359 COULD LEAD TO CLASS C EVENTS FROM THESE REGIONS, BUT LARGER EVENTS ARE NOT ANTICIPATED. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET.

C. EVENT PROBABILITIES 17 AUG/0000Z - 19 AUG/2400Z

CLASS M 05/05/10

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 16 AUG/1700Z 98

PREDICTED 17 AUG - 19 AUG 99 - 100 - 100

E. A FREDERICKSBURG

OBSERVED 15 AUG 10

ESTIMATED 16 AUG 06

PREDICTED 17 AUG - 19 AUG 05 - 06 - 09

SOLTERWARN

SPAN

BT