

KBOU

HXUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 289 ISSUED 2200Z 16 OCT 1971

MINOR FLARE ACTIVITY EXPECTED

A. NO SIGNIFICANT FLARE ACTIVITY HAS BEEN OBSERVED.

POOR WEATHER CONDITIONS HAVE RESTRICTED REPORTS BUT THERE IS LITTLE OF INTEREST IN THE SUN EXCEPT FOR REGION 306 (N08E70) WHICH CONTAINS AN ACTIVE FILAMENT AND HAS PRODUCED MZROMOSPHERIC ACTIVITY. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. PENDING FURTHER REPORTS, REGION 306 IS EXPECTED TO PRODUCE MINOR FLARES BUT NOT AS LARGE AS CLASS M. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED DURING LOCAL NIGHT TIME PERIODS ON 17 OCT.

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

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 17/1400Z, 16/1700Z AND 16/2000Z WERE 92, 90 AND 90 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 17-19 OCT IS 91/91/91.

E. MAGNETIC A-FREDERICKSBURG FOR 15 OCT WAS 07. FOR 16 OCT ABOUT 03 PREDICTED AP FOR 17-19, 12/09/07.

SOLTERWARN

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