

KBOU

HXUS BOU 261837

MTAFO 26195

DAILY HIGH LATITUDE RADIO PROPAGATION FORECAST FOR 27-30 MAY 1972.  
UNSETTLED GEOMAGNETIC CONDITIONS AND FAIR RADIO CONDITIONS NEXT  
96 HOURS. LOWER THAN NORMAL FOT - NORMAL LUHF FOR NEXT 96 HOURS.  
THERE IS A FAIR CHANCE OF S-SWF.

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HXUS BOU 272220

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 148 ISSUED 2200Z 27 MAY 1972

A. A FLARE CLASS M2 OCCURRED AT 27/0132Z IN REGION 220. OPTICALLY IT WAS REPORTED AS SN TO SB AT N09E47. THE MOST SIGNIFICANT CHANGES IN THE REGION SEEM TO BE AN INCREASED MAGNETIC FIELD GRADIENT IN THE LEADER ALONG WITH THE GROWTH OF NEW PLAGE AND SPOT STRUCTURES ON THE NE CORNER OF THE LEADER PENUMBRA. THERE HAS BEEN ONLY MINOR ACTIVITY ON THE WEST LIMB WHERE REGIONS 193 AND 197 ARE TRANSITING.

B. REGION 210 SEEMS SLIGHTLY MORE THREATENING TODAY. A MODERATE FLARE TO CLASS M6-M9 IS PROBABLE IN THE NEXT 24 HOURS. A CHANCE REMAINS OF ACTIVITY FROM THE WEST LIMB.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28/0000Z ENDING 30/2400Z

CLASS M OR GREATER 75/75/75

CLASS X 10/10/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUXES FOR 27/1400Z, 27/1700Z AND 27/2100Z WERE 113, 111 AND 110, RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 28-30 MAY IS 108/105/105.

E. MAGNETIC A-FREDERICKSBURG FOR 26 MAY WAS 10. FOR 27 MAY ABOUT 04. PREDICTED AP FOR 28-30 MAY IS 12/10/08.

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