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HXUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO 1971

SDF NUMBER 360 ISSUED 2200Z 26 DECEMBER 1971

SOLAR ACTIVITY DECREASING

A. ONLY A FEW SUB FLARES HAVE BEEN REPORTED SINCE THE 1B AT 25/1318Z (S13W35). REGIONS 388 (S12W52) AND 391 (S13W35) HAVE BOTH DECREASED IN FLARE PRODUCTION, SIZE, COMPLEXITY AND OVERALL INTENSITY. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. NO SIGNIFICANT FLARES ARE EXPECTED, WITH A SMALL INCREASE IN GEOMAGNETIC ACTIVITY EXPECTED TO BEGIN ON 28TH WITH A SECTOR BOUNDARY PASSAGE.

O50-7 DATA INDICATES AN INTENSE REGION ON SE LIMB WHICH MAYBE DUE TO THE RETURN OF OUR OLD REGION 364 WHICH PASSED OFF W-LIMB ON 13 DEC.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 DEC/0000Z ENDING 29/2400Z.

CLASS M OR GREATER 60/50/50

CLASS X 10/08/05

PROTON EVENT 05/04/04

D. OTTAWA 10.7 CM FLUXES FOR 26/1400Z 1700Z AND 2000Z WERE 124, 124 AND 118. PREDICTED 10.7 CM FLUXES FOR 27-29 DEC ARE 120/116/114.

E. MAGNETIC A-FREDERICKSBURG FOR 25 DEC WAS 06. FOR 26 DEC ABOUT 03. PREDICTED AP FOR 27-29 DEC ARE 10/15/15.

SOLTERWARN

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