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HXUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 002 ISSUED 2200Z 02 JAN 1972

LESS THAN FIVE NON-ENERGETIC SUBFLARES ARE EXPECTED OVER THE
NEXT 24 HOURS.

A. DISK ACTIVITY HAS BEEN ALMOST NON-EXISTENT SINCE THE NEW
YEARS DAY MESSAGE. TWO NEW GROUPS - ONE BORN ON THE DISK
AND THE OTHER HAVING ROTATED INTO VIEW - STAND OUT AS THE
ONLY SIGNIFICANT REGION DEVELOPMENT TODAY.

MORE EXPLICITLY THE NEW DISK FEATURE IS A SMALL D SPOT NEAR
S13E62, WHILE THE APPARENTLY OLDER GROUP IS LOCATED ABOUT
S22E80. SURGES AND AN APR IN THE VICINITY OF S15 TO 18
HAVE BEEN IN EVIDENCE ALONG THE WEST LIMB INTERMITTENTLY
SINCE ABOUT 02/1500Z. BETWEEN 18 AND 2100Z THE K-INDEX WAS FOUR,
BUT THIS VALUE HAS NOT BEEN REPRESENTATIVE OF THE DAY. THE THREE
HOUR RANGE INDICES HAVE BEEN TYPICALLY TWO OR LESS.

B. NO CHANGE.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS
BEGINNING 03 JAN/0000Z ENDING 05 JAN/2400Z.

CLASS M OR GREATER 20/10/10

CLASS X 02/01/01

PROTON EVENT 02/01/01

D. OTTAWA 10.7 CM FLUXES FOR 02/1400Z 1700Z AND 2000Z WERE
107, 106 AND 106. PREDICTED 10.7 CM FLUXES FOR 03-05 JAN ARE
105/105/103.

E. MAGNETIC A-FREDERICKSBURG FOR 01 JAN WAS 05. FOR 02 JAN
ABOUT 07. PREDICTED AP FOR 03-05 JAN ARE 02/05/03.

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