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HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 098 ISSUED 2200Z 07 APR 1972

INCREASINGLY FREQUENT MINOR FLARES WITH OCCASIONAL ASSOCIATED
WEAK X-RAYS EXPECTED.

A. THE LEVEL OF SOLAR ACTIVITY CONTINUES LOW WITH ONLY A FEW
MINOR FLARES /OCCASIONALLY WITH WEAK X-RAYS/ OBSERVED IN REGIONS
133 /S06E59/ AND 134 /S14E53/ DURING THE PAST 24 HOURS. NO
SIGNIFICANT GROWTH HAS BEEN OBSERVED IN ANY OF THE SMALL
REGIONS PRESENTLY ON THE VISIBLE DISK. THE GEOMAGNETIC FIELD
IS QUIET WITH OCCASIONAL UNSETTLED PERIODS.

B. REGIONS 133 IS FOLLOWER DOMINANT AND REGION 134 HAS MINOR
MAGNETIC COMPLEXITY. MINOR SE LIMB ACTIVITY IMPLIES THE
IMMINENT APPEARANCE OF ANOTHER REGION. THESE SOUTHEASTERN
REGIONS ARE NEAR PREVIOUSLY ACTIVE LONGITUDES AND LIE BEHIND
A SECTOR BOUNDARY, AND THEREFORE SHOULD BE WATCHED FOR FUTURE
DEVELOPMENT. HOWEVER, ACTIVITY DURING THIS PERIOD IS EXPECTED
TO REMAIN MINOR. THE GEOMAGNETIC FIELD WILL BE GENERALLY QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 08 APR/0000Z ENDING 10 APR/2400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 07/1400Z, 07/1700Z AND 07/2000Z
WERE 120, 121 AND 118 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 08-10 APR IS 122/126/132.

E. MAGNETIC A-FREDERICKSBURG FOR 06 APR WAS 08. FOR 07 APR
ABOUT 07. PREDICTED AP FOR 08-10 APR, 06/05/06.

SOLTERWARN

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