

KBOU

HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 006 ISSUED 2200Z 6 JANUARY 1972

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. HOWEVER, THE FREQUENCY OF SUBFLARE OCCURRENCE HAS INCREASED. THESE FLARES HAVE OCCURRED IN REGIONS 002 /S23E26/ ; 005 /N09W45/ AND 006 /N12W45/. REGIONS 005 AND 006 ARE ENCOMPASSED WITHIN THE SAME PLAGUE STRUCTURE. A NEW BI-POLAR REGION IS EMERGING AT N23W44. ALL REGIONS ARE MAGNETICALLY SIMPLE WITH NO MARKED GROWTH TENDENCIES. MINOR SURGING HAS OCCURRED NEAR SE13. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. NO SIGNIFICANT INCREASE IN SOLAR ACTIVITY IS EXPECTED. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET FOR 24-36 HOURS AND THEN BECOME UNSETTLED.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07 JAN/0000Z ENDING 09 JAN/2400Z.

CLASS M OR GREATER 10/15/15

CLASS X 01/01/01

PROTON EVENT 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 06/1400Z 1700Z AND 2000Z WERE 107, 107 AND 107. PREDICTED 10.7 CM FLUXES FOR 07-09 JAN ARE 107/105/102.

E. MAGNETIC A-FREDERICKSBURG FOR 05 JAN WAS 05. FOR 06 JAN ABOUT 03. PREDICTED AP FOR 07-09 JAN ARE 03/09/07

SOLTERWARN

SPAN

BT