

NNNN

KBOU

HXUS BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 126 ISSUED 2200Z 05 MAY 1972

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. SUB-FLARES HAVE BEEN PRODUCED BY REGIONS 176 (S14E38) AND 178 (N09E27). REGION 176 HAS SEVERAL ARCH FILAMENTS IN THE CENTER OF THE PLAGE AND A CONTORTED NEUTRAL LINE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. REGION 176 WILL CONTINUE TO PRODUCE MINOR ACTIVITY BUT WILL PROBABLY NOT EXHIBIT FURTHER SIGNIFICANT GROWTH. OTHER REGIONS WILL REMAIN STABLE. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 MAY/0000Z ENDING 08 MAY/2400Z

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 05/1400Z, 05/1700Z AND 05/2000Z WERE ALL 107. PREDICTED 10.7 CM FLUX FOR 06-08 MAY IS 110/110/110.

E. MAGNETIC A-FREDERICKSBURG FOR 04 MAY WAS 005. FOR 05 MAY ABOUT 004. PREDICTED AP FOR 06-08 MAY, 005/006/006.

SOLTERWARN

BT