

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 099 ISSUED 2200Z 08 APR 1972
ONLY MINOR SOLAR ACTIVITY EXPECTED.

A. SOUTHEASTERN REGIONS 133 /S06E46/, 134 /S14E42/ AND
137 /S11E76/ HAVE PRODUCED INFREQUENT MINOR FLARES. REGION
133 HAS GROWN SIGNIFICANTLY IN WHITE LIGHT AND FURTHER FIELD
EMERGENCE IS INDICATED BY THE PRESENCE OF ARCH FILAMENTS.
ALL SPOT GROUPS, HOWEVER, ARE ANALYZED BY MT. WILSON AS
BASICALLY SIMPLE BI-POLAR REGIONS. THE GEOMAGNETIC FIELD
BECAME BRIEFLY UNSETTLED 1400-1800Z BUT HAS RETURNED TO
ITS PREVIOUS QUIET STATE.

B. THE LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE
BUT WITH SOME INCREASE IN MINOR FLARE FREQUENCY. ISOLATED
WEAK X-RAY EVENTS MAY ORIGINATE IN REGION 133 OR 134 BUT THE
GEOMAGNETIC FIELD IS EXPECTED TO REMAIN GENERALLY QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 09 APR/0000Z ENDING 11 APR/2400Z.

CLASS M OR GREATER 15/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 08/1400Z, 08/1700Z AND 08/2000Z
WERE 122, 122 AND 124 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 09-11 APR IS 127/133/137.

E. MAGNETIC A-FREDERICKSBURG FOR 07 APR WAS 08. FOR 08 APR
ABOUT 09. PREDICTED AP FOR 09-11 APR, 07/05/05.

SOLTERWARN

SPAN

BT