

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 193 ISSUED 2200Z 11 JULY 1972

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. THE ONLY SIGNIFICANT ACTIVITY HAS BEEN A LARGE ONE NORMAL FLARE AT 1356Z FROM REGION 271 /S08W30/ WHICH PRODUCED A CLASS M2 X-RAY EVENT. A SHORT WAVE FADE OF 4 DB AT 15.7 MHZ LASTING OVER 30 MINUTES WAS ASSOCIATED WITH THIS EVENT. ALL OTHER REGIONS HAVE BEEN QUIET. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. ACTIVITY SHOULD CONTINUE AT THE PRESENT LEVEL, WITH AN OCCASIONAL ENERGETIC EVENT FROM REGION 269 /N08W51/ OR 271. OLD REGION 245 APPEARS TO BE RETURNING AND MAY CREATE SOME ACTIVITY. THE GEOMAGNETIC FIELD WILL BE QUIET FOR THE NEXT 48 HOURS AND THEN INCREASINGLY UNSETTLED.

C. EVENT PROBABILITIES 12 JULY/0000Z-14 JULY/2400Z

CLASS M 40/35/35

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 11 JULY/1700Z 123

PREDICTED 12-14 JULY 116-114-114

E. A-FREDERICKSBURG

OBSERVED 10 JULY 008

ESTIMATED 11 JULY 004

PREDICTED 12-14 JULY 004-006-015

SOLTERWARN