

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 SIGNIFI-
CANT 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 UN-
SETTLED.

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