

HFUS 1 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 182

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 30 JUNE 1980

IA. SOLAR ACTIVITY TODAY WAS MODERATE DUE TO AN M1/IB FLARE AT  
1828Z FROM REGION 2544 (S10W21). SUBFLARES OCCURRED IN REGIONS  
2532 (S12W51) AND 2540 (N10E29), BUT REGION 2544 WAS RESPONSIBLE  
FOR MOST OF THE ACTIVITY, INCLUDING A C9/IB AT 1336Z AND ANOTHER  
C9/SB AT 1535Z. ONE NEW REGION WAS VERIFIED TODAY, 2546 (S12E73).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN MODERATE FOR THE FORECAST  
PERIOD DUE ENTIRELY TO THE IMPRESSIVE GROWTH OF REGION 2544.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TODAY AND IS EXPECTED TO  
REMAIN UNSETTLED 01 JULY AND MILDLY UNSETTLED 02 JULY, BECOMING  
QUIET 03 JULY.

III. EVENT PROBABILITIES 01 JULY - 03 JULY

CLASS M 50/50/40

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JUNE 177

PREDICTED 01-03 JULY 172/165/163

90-DAY MEAN 30 JUNE 210

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 29 JUNE 04

ESTIMATED AFR/AP 30 JUNE 09/09

PREDICTED AFR/AP 01-03 JULY 10/12 - 07/10 - 05/08

SOLTERWARN

BT