

4EUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SOF NUMBER 165

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 13 JUNE 1980

IA. SOLAR ACTIVITY DURING THE PAST 24 HOURS REMAINED LIMITED TO  
SUBFLARES AND CLASS C X RAY BURST. NO MAJOR CHANGES IN THE VISIBLE  
DISK REGIONS WERE REPORTED AS REGIONS 2502 (N18E09) AND 2511  
(N13E09) CONTINUE TO BE THE REGIONS OF PRIMARY INTEREST. REGION  
2507 (S13E18) HAS GROWN QUITE EXTENDED IN EAST-WEST FLARE AREA  
AND HAS BRIGHT SEGMENTS IN THE EXTREME EASTERN PORTION. CULGOORA  
OBSERVED A TYPE II BURST ABOVE THE EAST LIMB AT 130027Z WHICH  
MAY INDICATE A REGION BEHIND THE LIMB.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A GENERALLY LOW LEVEL.

II. THE GEOMAGNETIC FIELD REMAINED AT ACTIVE LEVELS THROUGH THE  
LAST 24 HOURS. THE FIELD IS STILL SLIGHTLY DEPRESSED AND MAY  
SHOW ACTIVE CONDITIONS IN NIGHTIME SECTORS DURING THE COMING 24  
HOURS. A TREND TOWARD QUIET CONDITIONS SHOULD FOLLOW.

III. EVENT PROBABILITIES 14 - 16 JUNE

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JUNE 181

PREDICTED 14 JUNE - 16 JUNE 188/194/201

90-DAY MEAN 13 JUNE 204

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JUNE 32

ESTIMATED AFR/AP 13 JUNE 21/28

PREDICTED AFR/AP 14 - 16 JUNE 13/17 10/10 08/08

SOLTERWARN

BT