

48US 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 (N 13E 09) AND 2511 (N 13E 09) CONTINUE TO BE THE REGIONS OF PRIMARY INTEREST. REGION 2507 (S 13E 18) HAS GROWN QUITE EXTENDED IN EAST-WEST PLATE AREA AND HAS BRIGHT SEGMENTS IN THE EXTREME EASTERN PORTION. CULGOORA OBSERVED A TYPE II BURST ABOVE THE EAST LIMB AT 1300Z 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