

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 160

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 JUN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100 TO 08/2100Z: SOLAR ACTIVITY WAS AT A LOW LEVEL DURING THE PAST 24 HOURS. REGION 4508 (N06W04) CONTINUES TO DECAY AND REGION 4500 HAS COMPLETED WEST LIMB PASSAGE. A SMALL REGION IS NOW VISIBLE NEAR S12E63 AND IS NUMBER 4509 AND ANOTHER SMALL REGION AT NOOW16 IS NUMBER 4510. BOTH ARE SIMPLE B TYPE GROUPS. THE REST OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. OLD REGION 4490 IS DUE BACK ON THE DISK TOMORROW BUT WITH VERY LITTLE FLARE POTENTIAL. IT PRODUCED 3 CLASS C EVENTS ON ITS LAST TRANSIT.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS AS IT CONTINUES TO REFLECT THE RECURRENCE PATTERN.

III. EVENT PROBABILITIES 09 JUN-11 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 JUN 092

PREDICTED 09 JUN-11 JUN 092/094/096

90 DAY MEAN 08 JUN 125

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 JUN 010/016

ESTIMATED AFR/AP 08 JUN 008/010

PREDICTED AFR/AP 09 JUN-11 JUN 015/015-015/015-015/015

SOLTERWARN

RT