

HFUS3 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 161

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 09 JUN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100 TO 09/2100Z: SOLAR ACTIVITY WAS AT A LOW LEVEL DURING THE PAST 24 HOURS. REGION 4508 (N06W16), THE ONLY REGION OF SIGNIFICANT CHARACTER, HAS BEEN STABLE. REGIONS 4509 (S12E49) AND 4510 (N00W33) REMAIN SMALL AND SIMPLE WITH LITTLE, IF ANY, GROWTH. THE REST OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. NO REGIONS ARE DUE TO RETURN FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD WAS AT ACTIVE TO BRIEFLY MINOR STORM LEVELS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT GENERALLY ACTIVE LEVELS FOR THE NEXT 36 TO 48 HOURS. THIS ACTIVITY IS PROBABLY ASSOCIATED WITH A SMALL CORONAL HOLE LOCATED IN THE SOUTHWEST. UNSETTLED CONDITIONS ARE EXPECTED ON THE THIRD DAY.

III. EVENT PROBABILITIES 10 JUN-12 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JUN 091

PREDICTED 10 JUN-12 JUN 092/094/096

90 DAY MEAN 09 JUN 125

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 JUN 010/011

ESTIMATED AFR/AP 09 JUN 017/015

PREDICTED AFR/AP 10 JUN-12 JUN 015/020-015/015-010/010

SOLTERWARN

BT