

HFU53 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 314

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 09 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100
TO 09/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4592
(N16E17) HAS SHOWN SIGNIFICANT GROWTH IN THE PAST 24 HOURS.
THIS REGION PRESENTLY CONTAINS A D-TYPE SPOT GROUP, AND
DYNAMICS SHOW THAT CONTINUED GROWTH IS LIKELY. SINCE THE LAST
REPORT THIS REGION HAS PRODUCED TWO OPTICAL SUBFLARES. ONE NEW
REGION WAS NUMBERED TODAY AS REGION 4593 (N03E46). THIS REGION
CONTAINS A STABLE A-TYPE SPOT GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN VERY LOW. REGION 4592 IS THE REGION TO WATCH FOR
SIGNIFICANT ACTIVITY, IF ANY AT ALL.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE FOR THE PAST
24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT 24 HOURS. THE
FIELD SHOULD THEN INCREASE TO GENERALLY ACTIVE WITH SOME
PERIODS AT MINOR STORM ON THE 11TH AND 12TH OF NOVEMBER.

III. EVENT PROBABILITIES 10 NOV-12 NOV

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 NOV 074

PREDICTED 10 NOV-12 NOV 076/076/075

90 DAY MEAN 09 NOV 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 NOV 019/022

ESTIMATED AFR/AP 09 NOV 011/010

PREDICTED AFR/AP 10 NOV-12 NOV 015/015-019/020-019/020

SOLTERWARN

BT