

HFUS3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 264

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100
TO 21/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. REGION 4694

(S12W45) REMAINS THE ONLY SPOTTED REGION VISIBLE, BUT IT HAS
DECAYED TO A SINGLE SPOT. NO SIGNIFICANT ACTIVITY HAS BEEN
REPORTED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY
LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY ACTIVE THE PAST 24
HOURS. INTERVALS OF MINOR STORM CONDITIONS HAVE BEEN NOTED AT
HIGH LATITUDE SITES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: EXPECT UNSETTLED TO ACTIVE
CONDITIONS THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 22 SEP-24 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 SEP 069

PREDICTED 22 SEP-24 SEP 068/068/068

90 DAY MEAN 21 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 SEP 021/035

ESTIMATED AFR/AP 21 SEP 017/030

PREDICTED AFR/AP 22 SEP-24 SEP 015/020-015/020-015/020

SOLTERWARN

BT