

HFUS3 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 263

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 20 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 19/2100 TO 20/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION 4694 (S12W32) HAS DECAYED IN ALL PARAMETERS. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 19/2100Z TO 20/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE TO MINOR STORM LEVELS AGAIN TODAY. THIS CORONAL HOLE RELATED DISTURBANCE SEEMS TO BE DIMINISHING IN THE LAST FEW HOURS AS MOSTLY ACTIVE CONDITIONS HAVE BEEN REPORTED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO MILDLY ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 21 SEP-23 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 SEP 069

PREDICTED 21 SEP-23 SEP 069/068/068

90 DAY MEAN 20 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 19 SEP 028/038

ESTIMATED AFR/AP 20 SEP 025/035

PREDICTED AFR/AP 21 SEP-23 SEP 015/015-015/015-015/020

SOLTERWARN

BT