

HFUS 3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 325

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 NOV 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100 TO 21/2100Z: SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. THE DISK REMAINS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS. THE RETURN OF OLD 4351 ON 23 NOV IS NOT EXPECTED TO BE DRAMATIC.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE AT GENERALLY UNSETTLED LEVELS. RECURRENCE SHOULD BE THE INFLUENCING FACTOR FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 22 NOV-24 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 NOV 081

PREDICTED 22 NOV-24 NOV 083/084/086

90 DAY MEAN 21 NOV 107

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 NOV 021/025

ESTIMATED AFR/AP 21 NOV 010/015

PREDICTED AFR/AP 22 NOV-24 NOV 012/010-010/010-008/015

SOLTERWARN

BT