

HFUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 335

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100Z TO 30/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 4598 (S11W60) REMAINS AN E TYPE SPOT GROUP BUT OVERALL DECAY CONTINUES. REGION 4600 (S11W33) IS BASICALLY SPOTLESS BUT TINY SPOTS ARE PERIODICALLY FORMING IN THE VICINITY OF AN ARCH FILAMENT SYSTEM. THE REST OF THE DISK REMAINS DORMANT.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD WAS AT STORM LEVELS BETWEEN 300300Z AND 300900Z. NO DEFINITIVE CAUSE FOR THIS ACTIVITY HAS BEEN DETERMINED. GENERALLY UNSETTLED CONDITIONS WERE OBSERVED AT OTHER TIMES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT 24 HOURS. \*

III. EVENT PROBABILITIES 01 DEC-03 DEC

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 NOV 079

PREDICTED 01 DEC-03 DEC .078/077/076

90 DAY MEAN 30 NOV 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 NOV 011/013

ESTIMATED AFR/AP 30 NOV 026/035

PREDICTED AFR/AP 01 DEC-03 DEC 014/020-014/020-010/020

SOLTERWARN

BT