

HFUS 3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 334

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 NOV 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100 TO 30/2100Z: SOLAR ACTIVITY HAS CONTINUED VERY LOW THIS PERIOD WITH ONLY ONE OPTICAL EVENT BEING OBSERVED A (B2/SF AT 1448UT FROM REGION 4367 (N11E52). REGION 4367 IS STILL A SIMPLE "B" TYPE GROUP AND REGION 4366 (N18E33) IS A SMALL "C" TYPE. A NEW PIAGE HAS BEEN OBSERVED AT (S07E16), NO NUMBER AT THIS TIME, SOME ARCH FILAMENTS HAVE BEEN OBSERVED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL DURING THIS FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT GENERALLY ACTIVE LEVELS THIS PERIOD, WITH A FEW SHORT PERIODS OF MINOR STORM AT THE HIGH LATITUDE SITES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE UNTIL EARLY ON 01 DEC WHEN THE FIELD IS FORECAST TO BE GENERALLY UNSETTLED FOR THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01 DEC-03 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 NOV 093

PREDICTED 01 DEC-03 DEC 095/096/096

90 DAY MEAN 30 NOV 105

V. GEOMAGNETIC ACTIVITIES

OBSERVED AER/AP 29 NOV 016/022

ESTIMATED AER/AP 30 NOV 018/020

PREDICTED AER/AP 01 DEC-03 DEC 008/015-010/010-010/010

SOLTERWARN

BT