

HFUS 3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 329

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 NOV 1983

I.A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100 TO 25/2100Z: SOLAR ACTIVITY REMAINED VERY LOW THROUGHOUT THE PERIOD. THE VISIBLE DISK CONTINUES TO BE SPOTLESS AND STABLE. SOME SURGING HAS BEEN SEEN AT S07W90 BUT THAT IS THE EXTENT OF THE NOTICEABLE ACTIVITY.

I.B. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN VERY LOW THROUGHOUT THE FORECAST PERIOD.

II.A. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THIS PERIOD. THIS ACTIVITY IS THOUGHT TO BE THE RESULT OF RECURRENT CORONAL HOLE STREAMS.

II.B. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE UNSETTLED TO ACTIVE THROUGHOUT THE FORECAST PERIOD AS RECURRENT ACTIVITY CONTINUES.

III. EVENT PROBABILITIES 26 NOV-28 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 NOV 081

PREDICTED 26 NOV-28 NOV 085/085/087

3D DAY MEAN 25 NOV 106

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 NOV 011/011

ESTIMATED AFR/AP 25 NOV 016/015

PREDICTED AFR/AP 26 NOV-28 NOV 015/015-012/015-015/015

SOLTERWARN

BT