

HFUS 3 BOU-042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 308

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 NOV 1983

I.A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100 TO 04/2100Z: SOLAR ACTIVITY HAS CONTINUED LOW DURING THE PAST 24 HOURS. THE LARGEST EVENT OBSERVED WAS A C2/NO OPTICAL AT 1957UT. REGION 4353 (S16E49) IS THE LARGEST REGION CURRENTLY ON THE VISIBLE DISK AND IS ONLY A "C" TYPE. NEW REGION TODAY 4355 (S09E65) IS A SIMPLE "B" TYPE. THE REST OF THE REGIONS HAVE BEEN REPORTED AS STABLE.

I.B. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE LOW DURING THE FORECAST PERIOD.

I.IA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT GENERALLY UNSETTLED LEVELS DURING THIS PERIOD. THE EFFECTS OF THE LARGE CORONAL HOLE WHICH PASSED CENTRAL MERIDIAN FOUR DAYS AGO ARE NOT NOW EXPECTED TO BE OF CONSEQUENCE.

I.IB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD, WHICH HAS BEEN GENERALLY UNSETTLED THE LAST 5 ROTATIONS, IS EXPECTED TO AT UNSETTLED LEVELS DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 NOV-07 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 NOV 105

PREDICTED 05 NOV-07 NOV 107/109/109

90 DAY MEAN 04 NOV 1113

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 NOV 014/017

ESTIMATED AFR/AP 04 NOV 008/010

PREDICTED AFR/AP 05 NOV-07 NOV 010/015-008/015-012/015

SOLTERWARN

BT