

~~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

IA. 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.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE LOW
DURING THE FORECAST PERIOD.

IIA. 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.

IIB. 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 113

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