

HFUS3 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 279

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 05 OCT 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100
TO 05/2100Z: SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. THE
SUN REMAINS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN AT VERY LOW LEVELS. NO SIGNIFICANT REGIONS ARE DUE TO
RETURN ON THE EAST LIMB.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z:
THE GEOMAGNETIC FIELD WAS AT UNSETTLED LEVELS THROUGHOUT THE
PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE. AN INCREASE IN ACTIVITY IS
EXPECTED LATE IN THE PERIOD AS A RESULT OF THE EQUATORIAL
CORONAL HOLE WHICH CROSSED CENTRAL MERIDIAN TODAY.

III. EVENT PROBABILITIES 06 OCT-08 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 OCT 074

PREDICTED 06 OCT-08 OCT 074/074/074

90 DAY MEAN 05 OCT 082

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 OCT 004/009

ESTIMATED AFR/AP 05 OCT 009/015

PREDICTED AFR/AP 06 OCT-08 OCT 015/020-015/025-020/025

SOLTERWARN

BT