

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 035

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 FEB 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100 TO 04/2100Z: SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. BOTH REGION 4620 (S16 W53) AND REGION 4621 (N16 W57) APPEAR TO BE DECLINING. NO OTHER SPOT GROUPS ARE VISIBLE ON THE DISK. OLD REGION 4616 (S07 L133) RETURNED AS SIMPLE QUIET PLAGE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE AT A VERY LOW LEVEL. NO REGIONS ARE DUE TO RETURN IN THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME ACTIVE IN THE NEXT 24 HOURS. AN INCREASE TO MINOR STORM LEVEL CONDITIONS IS POSSIBLE ON 6 FEB.

III. EVENT PROBABILITIES 05 FEB-07 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 FEB 073

PREDICTED 05 FEB-07 FEB 073/072/071

90 DAY MEAN 04 FEB 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 FEB 007/010

ESTIMATED AFR/AP 04 FEB 005/007

PREDICTED AFR/AP 05 FEB-07 FEB 015/015-025/025-020/020

SOLTERWARN

BT