

HFUS3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 318

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 13 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 12/2100Z TO 13/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. REGION 4592 (N16W36) REMAINS THE ONLY GROUP WITH SPOTS ON THE DISK. THIS REGION IS CURRENTLY SHOWING SIGNIFICANT DECAY AND IS A C-TYPE SPOT GROUP WITH AN EAST-WEST NEUTRAL LINE. HOWEVER THE REGION STILL APPEARS TO BE A SIMPLE BETA MAGNETIC CONFIGURATION.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW FOR THE NEXT 24 HOURS. HOWEVER IF REGION 4592 HAPPENS TO REGENERATE WE COULD EXPECT VERY ISOLATED ENERGETIC ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z: THE GEOMAGNETIC FIELD WAS AT QUIET TO UNSETTLED CONDITIONS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE TO MINOR STORM LEVELS AT THE MID-LATITUDES WITH MINOR TO MAJOR STORM LEVELS AT THE HIGH-LATITUDES BY MID-DAY ON 14 NOV. THIS IS DUE TO THE REAURRENCE OF SOLAR SECTOR BOUNDARY AND CORONAL HOLE ACTIVITY.

III. EVENT PROBABILITIES 14 NOV-16 NOV

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 NOV 073

PREDICTED 14 NOV-16 NOV 074/074/074

90 DAY MEAN 13 NOV 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 NOV 006/009

ESTIMATED AFR/AP 13 NOV 010/015

PREDICTED AFR/AP 14 NOV-16 NOV 040/050-040/040-025/035

SOLTERWARN

BT