

HFUS3 BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 313

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 08 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100 TO 08/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NO SIGNIFICANT EVENTS HAVE OCCURRED IN THE PAST 24 HOURS. ONE NEW REGION WAS NUMBERED TODAY AS REGION 4592 (N17E31). THIS REGION HAS A B-TYPE SPOT GROUP WITH A SIMPLE BETA MAGNETIC CONFIGURATION. THIS IS THE ONLY SPOTTED REGION ON THE DISK.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO MINOR STORM FOR THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT TWO DAYS. ON THE 11TH OF NOVEMBER THE FIELD IS EXPECTED TO BE GENERALLY ACTIVE.

III. EVENT PROBABILITIES 09 NOV-11 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 NOV 072

PREDICTED 09 NOV-11 NOV 072/073/073

90 DAY MEAN 08 NOV 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 07 NOV 015/018

ESTIMATED AFR/AP 08 NOV 018/020

PREDICTED AFR/AP 09 NOV-11 NOV 015/015-015/015-019/020

SOLTERWARN

BT