

HFUS3 BOU 082200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 312
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 08 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100 TO 08/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. A NEW SPOT GROUP ROTATED ONTO THE DISK TODAY AND IS DESIGNATED REGION 4701 (S09E80). ITS ARRIVAL WAS NOT ACCCOMPANIED BY AN INCREASE IN THE LEVEL OF ACTIVITY, HOWEVER. THE REGION IS A SIMPLE BIPOLE. THE ONLY OTHER REGION VISIBLE-REGION 4700 (N14W70)-HAS DECAYED IN WHITE-LIGHT AND H-ALPHA WHILE PRODUCING INFREQUENT SMALL SUBFLARES. AN ARCH-FILAMENT SYSTEM PERSISTS THERE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS THE NEXT THREE DAYS.

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	075
PREDICTED	09 NOV-11 NOV	076/077/077
90 DAY MEAN	08 NOV	071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP	07 NOV	007/013
ESTIMATED AFR/AP	08 NOV	005/010
PREDICTED AFR/AP	09 NOV-11 NOV	010/015-010/020-015/020
SOLTERWARN		
BT		

HXUS BOU 082200
PREDM 00109 00110 00111
PREDX 00109 00110 00111
PREDP 00109 00110 00111
PCAF 00109
TENCM 07609 07710 07711
AFRED 01009 01010 01511
AFAPF 01509 02010 02011
BT