

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 ACCOMPANIED 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

PCAFT 00109

TENCM 07609 07710 07711

AFRED 01009 01010 01511

AFAPF 01509 02010 02011

BT