

HFUS3 BOU 112200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 315  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 11 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100  
TO 11/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4701 (S10E40),  
THE SOLE SPOT GROUP NOW VISIBLE, PRODUCED A FEW SMALL SUBFLARES  
AS IT REMAINED MOSTLY STABLE IN ALL PARAMETERS. NO OTHER  
SIGNIFICANT ACTIVITY WAS REPORTED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
CONTINUE VERY LOW. THE ANTICIPATED RETURN OF OLD REGIONS 4698  
AND 4699 HAS NOT MATERIALIZED.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO MILDLY ACTIVE THE  
PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD WILL  
REMAIN AT UNSETTLED TO ACTIVE LEVELS THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 12 NOV-14 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 NOV 076

PREDICTED 12 NOV-14 NOV 077/078/080

90 DAY MEAN 11 NOV 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 NOV 014/018

ESTIMATED AFR/AP 11 NOV 014/015

PREDICTED AFR/AP 12 NOV-14 NOV 015/020-015/020-015/020

SOLTERWARN

BT

HXUS BOU 112200

PREDM 00112 00113 00114

PREDX 00112 00113 00114

PREDP 00112 00113 00114

PCAFT 00112

TENCM 07712 07813 08014

AFRED 01512 01513 01514

AFAPF 02012 02013 02014

BT