

HFUS3 BOU 212200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 325

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 NOV 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100  
TO 21/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24  
HOURS. REGION 4703 (S09W57) WAS A CAO TYPE SPOT GROUP AND  
REGION 4704 (N03W29) WAS AN AXX TYPE SPOT GROUP. BOTH REGIONS  
HAVE DECLINED SOMEWHAT IN SPOT NUMBER AND AREA. NO FLARES WERE  
OBSERVED. NO NEW REGIONS WERE NUMBERED TODAY. THE REST OF THE  
DISK AND LIMBS WERE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN VERY LOW FOR THE NEXT THREE DAYS. NO SIGNIFICANT  
REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST  
24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 22 NOV-24 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 NOV 076

PREDICTED 22 NOV-24 NOV 074/072/070

90 DAY MEAN 21 NOV 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 20 NOV 002/006

ESTIMATED AFR/AP 21 NOV 005/010

PREDICTED AFR/AP 22 NOV-24 NOV 005/015-005/015-005/010

SOLTERWARN

BT

HXUS BOU 212200

PREDM 00122 00123 00124

PREDX 00122 00123 00124

PREDP 00122 00123 00124

PCAFT 00122

TENCM 07422 07223 07024

AFRED 00522 00523 00524

AFAPF 01522 01523 01024

BT