

HFUS3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 309

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 04 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/2100  
TO 04/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE  
PAST 24 HOURS. REGION 4590 (S10W68) RETAINS ITS SMALL SPOT  
GROUP AND REGION 4591 (S19E64) ROTATED OVER THE EAST LIMB WITH  
A SMALL A TYPE GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 03/2100Z TO 04/2100Z:  
THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE PAST  
24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO REMAIN AT UNSETTLED TO ACTIVE LEVELS WITH BRIEF  
MINOR STORM CONDITIONS POSSIBLE. A LARGE CORONAL HOLE CONTINUES  
TO INFLUENCE THE FIELD.

III. EVENT PROBABILITIES 05 NOV-07 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 NOV 073

PREDICTED 05 NOV-07 NOV 074/074/076

90 DAY MEAN 04 NOV 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 03 NOV 012/019

ESTIMATED AFR/AP 04 NOV 015/020

PREDICTED AFR/AP 05 NOV-07 NOV 017/020-018/025-018/025

SOLTERWARN

BT