

HFU63 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 335

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100  
TO 30/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE  
PAST 24 HOURS. REGION 4598 (S11W60) REMAINS AN E TYPE SPOT  
GROUP BUT OVERALL DECAY CONTINUES. REGION 4600 (S11W33) IS  
BASICALLY SPOTLESS BUT TINY SPOTS ARE PERIODICALLY FORMING IN  
THE VICINITY OF AN ARCH FILAMENT SYSTEM. THE REST OF THE DISK  
REMAINS DORMANT.

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 29/2100Z TO 30/2100Z:  
THE GEOMAGNETIC FIELD WAS AT STORM LEVELS BETWEEN 300300Z AND  
300900Z. NO DEFINITIVE CAUSE FOR THIS ACTIVITY HAS BEEN  
DETERMINED. GENERALLY UNSETTLED CONDITIONS WERE OBSERVED AT  
OTHER TIMES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE AT UNSETTLED TO ACTIVE LEVELS FOR THE NEXT 24  
HOURS. \*

III. EVENT PROBABILITIES 01 DEC-03 DEC

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 NOV 079

PREDICTED 01 DEC-03 DEC 078/077/076

90 DAY MEAN 30 NOV 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 NOV 011/013

ESTIMATED AFR/AP 30 NOV 026/035

PREDICTED AFR/AP 01 DEC-03 DEC 014/020-014/020-010/020

SOLTERWARN

BT