

HFUS 3 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 322

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 18 NOV 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100  
TO 18/2100Z: SOLAR ACTIVITY REMAINS VERY LOW. ONLY MINOR  
STRUCTURAL CHANGES HAVE OCCURRED IN REGIONS 4360 (S13W57) AND  
4361 (S15W20).

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH PERIODS AT STORM  
LEVEL.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO REMAIN ACTIVE WITH PERIODS AT STORM LEVEL THROUGH  
20 NOVEMBER. THE FIELD IS THEN EXPECTED TO BECOME UNSETTLED.

III. EVENT PROBABILITIES 19 NOV-21 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 NOV 086

PREDICTED 19 NOV-21 NOV 085/084/083

90 DAY MEAN 18 NOV 108

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 17 NOV 027/036

ESTIMATED AFR/AP 18 NOV 026/025

PREDICTED AFR/AP 19 NOV-21 NOV 022/020-022/020-012/010

SOLTERWARN

BT