

HFUS 3 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 327

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 23 NOV 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 22/2100 TO 23/2100Z: SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL. THE DISK CONTINUES TO BE SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN AT A VERY LOW LEVEL FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 22/2100Z TO 23/2100Z: THE GEOMAGNETIC FIELD WAS QUIET DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET THROUGHOUT 24 NOV BUT ACTIVE CONDITIONS ARE LIKELY ON 25 AND 26 NOV. CORONAL HOLE ACTIVITY SHOULD BE RESPONSIBLE FOR DISTURBING THE FIELD THESE TWO DAYS.

III. EVENT PROBABILITIES 24 NOV-26 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 NOV 080

PREDICTED 24 NOV-26 NOV 082/083/085

90 DAY MEAN 23 NOV 106

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 22 NOV 005/009

ESTIMATED AFR/AP 23 NOV 005/010

PREDICTED AFR/AP 24 NOV-26 NOV 010/015-015/025-015/025

SOLTERWARN

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