

HFUS 3 BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 330

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 NOV 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100 TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THIS PERIOD. THE DISK REMAINS SPOTLESS AND THE ONLY SIGN OF ACTIVITY WAS AN ARCH FILAMENT SYSTEM SIGHTED AT S19E19. THIS ACTIVITY HAS NOW SUBSIDED AND THE DISK APPEARS STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN VERY LOW UNTIL THE FINAL DAY OF THE FORECAST PERIOD WHEN ACTIVITY COULD INCREASE TO LOW LEVELS. THE INCREASE IN ACTIVITY WILL BE COINCIDENT WITH THE RETURN OF THE ACTIVE CARRINGTON LONGITUDES BETWEEN 60 AND 100 DEGREES.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THIS PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD SUBSIDE TO UNSETTLED LEVELS ON THE FIRST DAY OF THE FORECAST PERIOD AND THEN RETURN TO ACTIVE LEVELS THE FINAL TWO DAYS OF THE PERIOD.

III. EVENT PROBABILITIES 27 NOV-29 NOV

CLASS M 01/01/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 NOV 083

PREDICTED 27 NOV-29 NOV 085/087/090

90 DAY MEAN 26 NOV 106

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 NOV 012/016

ESTIMATED AFR/AP 26 NOV 017/025

PREDICTED AFR/AP 27 NOV-29 NOV 012/015-015/015-016/025

--SOLTERWARN-

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