

HFUS 3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 323

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 19 NOV 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100 TO 19/2100Z: SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. THE TWO SPOTTED REGIONS ON THE DISK, 4361 (S15W35) AND 4360 (S13W72), ARE SLOWLY DECAYING.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL. NO REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: 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 AS CORONAL HOLE EFFECTS CONTINUE FOR ANOTHER DAY. ACTIVE CONDITIONS SHOULD DOMINATE THE LAST TWO DAYS OF THE PERIOD.

III. EVENT PROBABILITIES 20 NOV-22 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 NOV 084

PREDICTED 20 NOV-22 NOV 084/084/085

90 DAY MEAN 19 NOV 107

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 NOV 025/029

ESTIMATED AFR/AP 19 NOV 014/020

PREDICTED AFR/AP 20 NOV-22 NOV 022/020-012/010-012/010

SOLTERWARN

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