

HFUS3 BOU 158200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 320

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 15 NOV 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100Z TO 15/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. ALL CURRENT REGIONS ON THE VISIBLE DISK ARE QUIET AND STABLE. A FILIMENT LOCATED AT N15W59 BEGAN FADING BETWEEN 0833UT AND 0848UT AND HAS SUBSEQUENTLY DISSAPPEARED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO MINOR STORM LEVELS WITH ISOLATED PERIODS OF MAJOR STORMS AT ALL LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT ACTIVE TO MINOR STORM LEVELS WITH ISOLATED PERIODS OF MAJOR STORM LEVELS AT THE HIGHER LATITUDES DURING THE NIGHTTIME SECTORS. THIS IS DUE TO RECURRENTURE OF CORONAL HOLE ACTIVITY. THE FILAMENT THAT DISSAPPEARED AT N15W59 IS NOT EXPECTED TO PRODUCE ANY SIGNIFICANT GEOMAGNETIC ACTIVITY.

III. EVENT PROBABILITIES 16 NOV-18 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 NOV .075

PREDICTED 16 NOV-18 NOV .074/.074/.074

90 DAY MEAN 15 NOV .076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 NOV .013/.014

ESTIMATED AFR/AP 15 NOV .026/.035

PREDICTED AFR/AP 16 NOV-18 NOV .025/.035-.025/.035-.020/.035

SOLTERWARN

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