

HFUS 3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 314

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 NOV 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100 TO 10/2100Z: THE SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOUR PERIOD. NO NEW REGIONS WERE ASSIGNED DURING THE PERIOD.

IB. SOLAR ACTIVITY FORECAST: THE SOLAR ACTIVITY IS EXPECTED TO BE AT A LOW LEVEL THROUGH-OUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC ACTIVITY HAS BEEN AT MINOR STORM LEVEL FOR THE PAST 24 HOUR PERIOD. BRIEF PERIODS OF MAJOR STORM LEVEL ACTIVITY HAS OCCURRED AT HIGH LATITUDE SITES. THIS STORM IS ATTRIBUTED TO RECURRENCE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC ACTIVITY IS EXPECTED TO BE AT MINOR STORM TO ACTIVE LEVELS THROUGH-OUT THE NEXT THREE DAYS OF THE FORECAST PERIOD. BRIEF PERIODS OF MAJOR STORM LEVELS ARE EXPECTED AT HIGH LATITUDE SITES DURING THE NIGHT-TIME HOURS EARLY ON THE 11TH AND LATE ON THE 13TH OF NOVEMBER.

III. EVENT PROBABILITIES 11 NOV-13 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 NOV 103

PREDICTED 11 NOV-13 NOV 097/095/093

90 DAY MEAN 10 NOV 111

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 NOV 029/043

ESTIMATED AFR/AP 10 NOV 021/030

PREDICTED AFR/AP 11 NOV-13 NOV 020/025-020/025-020/025

SOLTERWARN

BT