

HFUS 3 BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 316

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 12 NOV 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100 TO 12/2100Z: THE SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL FOR THE PAST 24 HOUR PERIOD. NO NEW REGIONS WERE ASSIGNED.

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 11/2100Z TO 12/2100Z: THE GEOMAGNETIC ACTIVITY HAS BEEN AT MAJOR TO MINOR STORM LEVELS FOR THE PAST 24 HOUR PERIOD. THIS DISTURBANCE WAS ATTRIBUTED TO DISSAPEARING FILAMENTS ON THE 8TH OF NOVEMBER, AND THE INITIAL EFFECT OF CORONAL HOLE RECURRENCE LATE ON THE 12TH.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC ACTIVITY IS EXPECTED TO BE AT MINOR STORM TO ACTIVE LEVELS THROUGH-OUT THE 13TH AND 14TH OF NOVEMBER. THIS ACTIVITY IS DUE TO RECURRENT CORONAL HOLE DISTURBANCE. THE GEOMAGNETIC ACTIVITY IS EXPECTED TO DECREASE TO ACTIVE TO UNSETTLED LEVELS ON THE 15TH.

III. EVENT PROBABILITIES 13 NOV-15 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 NOV 092

PREDICTED 13 NOV-15 NOV 089/087/086

90 DAY MEAN 12 NOV 110

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 NOV 038/032

ESTIMATED AFR/AP 12 NOV 028/045

PREDICTED AFR/AP 13 NOV-15 NOV 023/025-022/025-014/015

SOLTERWARN

BT