

HFUS3 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 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100 TO 10/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. REGION 4700 (N13W92) HAS MADE A RELATIVELY QUIET WEST LIMB PASSAGE. REGION 4701 (S10E54) WAS QUIET AND STABLE. PROMINENCE ACTIVITY AT N03E90 MAY HERALD THE RETURN OF PREVIOUSLY ACTIVE CARRINGTON LONGITUDES.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE VERY LOW. OLD REGIONS 4698 AND 4699 ARE DUE AT EAST LIMB NEAR N04 EARLY IN THE PERIOD, BUT XRAY AND RADIO DATA SUGGEST THAT NEITHER IS PARTICULARLY POTENT.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO PERSIST AT THE UNSETTLED TO ACTIVE LEVEL THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11 NOV-13 NOV

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 NOV 074

PREDICTED 11 NOV-13 NOV 075/076/077

90 DAY MEAN 10 NOV 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 NOV 013/017

ESTIMATED AFR/AP 10 NOV 013/018

PREDICTED AFR/AP 11 NOV-13 NOV 015/020-015/025-015/020

SOLTERWARN

BT

HXUS BOU 102200

PREDM 00111 00112 00113

PREDX 00111 00112 00113

PREDP 00111 00112 00113

PCAFT 00111

TENCM 07511 07612 07713

AFRED 01511 01512 01513

AFAPF 02011 02512 02013

BT