

HFUS3 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 239

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100 TO 27/2100Z: SOLAR ACTIVITY CONTINUES TO BE VERY LOW. NEWLY ASSIGNED REGION 4691 (N05E47) CONSISTS OF A SINGLE SPOT IN DULL PLAGE. THE REST OF THE DISK REMAINS QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY LOW. NO REGIONS ARE DUE TO RETURN DURING THE PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT PREDOMINANTLY ACTIVE LEVELS THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: ACTIVE TO UNSETTLED LEVELS ARE EXPECTED THE NEXT THREE DAYS. THE MOST DISTURBED PERIOD SHOULD BE AUGUST 28TH.

III. EVENT PROBABILITIES 28 AUG-30 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 AUG 072

PREDICTED 28 AUG-30 AUG 072/073/074

90 DAY MEAN 27 AUG 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 AUG 017/017

ESTIMATED AFR/AP 27 AUG 018/025

PREDICTED AFR/AP 28 AUG-30 AUG 020/025-015/020-010/015

SOLTERWARN

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