

HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 240

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 28 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100 TO 28/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. REGION 4691 (N05E34) LOST ITS SPOT EARLY IN THE DAY, AND IS NOW MERELY DULL PLAGE. THE REMAINDER OF THE DISK HAS BEEN QUIET AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT UNSETTLED TO ACTIVE LEVELS THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: A SLIGHTLY HIGHER LEVEL OF ACTIVITY IS EXPECTED TO PERSIST THROUGH AUGUST 29TH. UNSETTLED CONDITIONS SHOULD PREVAIL THE LAST TWO DAYS.

III. EVENT PROBABILITIES 29 AUG-31 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 AUG 072

PREDICTED 29 AUG-31 AUG 072/072/073

90 DAY MEAN 28 AUG 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 AUG 014/021

ESTIMATED AFR/AP 28 AUG 013/025

PREDICTED AFR/AP 29 AUG-31 AUG 020/025-010/015-010/015

SOLTERWARN

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