

HFUS3 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 271

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 28 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100
TO 28/2100Z: SOLAR ACTIVITY IS AT A VERY LOW LEVEL AND THE DISK
REMAINS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
CONTINUE AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z:
THE GEOMAGNETIC FIELD WAS UNSETTLED DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE AT UNSETTLED TO SLIGHTLY ACTIVE LEVELS DURING
THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 29 SEP-01 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 SEP 068

PREDICTED 29 SEP-01 OCT 068/069/069

90 DAY MEAN 28 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 27 SEP 017/022

ESTIMATED AFR/AP 28 SEP 009/015

PREDICTED AFR/AP 29 SEP-01 OCT 008/015-005/010-005/010

SOLTERWARN

BT