

HFUS3 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 270

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 27 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100
TO 27/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE
PAST 24 HOURS. THE DISK IS VOID OF FEATURES EXCEPT FOR A FEW
SCATTERED FILAMENTS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z:
THE GEOMAGNETIC FIELD WAS AT UNSETTLED TO ACTIVE LEVELS WITH
BRIEF STORM PERIODS. FILAMENT DISRUPTIONS ARE THOUGHT TO BE THE
CAUSE OF THIS ACTIVITY.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO OCCASIONALLY ACTIVE FOR THE NEXT
THREE DAYS.

III. EVENT PROBABILITIES 28 SEP-30 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 SEP 067

PREDICTED 28 SEP-30 SEP 067/068/068

90 DAY MEAN 27 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 SEP 017/021

ESTIMATED AFR/AP 27 SEP 017/020

PREDICTED AFR/AP 28 SEP-30 SEP 008/015-008/015-005/010

SOLTERWARN

BT