

HFUS3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 283

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 10 OCT 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100
TO 10/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z:
THE GEOMAGNETIC FIELD WAS UNSETTLED TO QUIET.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE AT ACTIVE TO BRIEF MINOR STORM LEVELS DUE TO A
COMBINATION OF A CORONAL HOLE EXTENSION FROM THE NORTH POLAR

CROWN AND TWO DISAPPEARING FILAMENTS OF 6 OCT. A 12 DEGREE
FILAMENT FROM S15W33 AND A SIX DEGREE FILAMENT FROM N49W45 WERE
GONE BY 6/1816Z.

III. EVENT PROBABILITIES 11 OCT-13 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 OCT 067

PREDICTED 11 OCT-13 OCT 067/067/067

90 DAY MEAN 10 OCT 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 OCT 007/011

ESTIMATED AFR/AP 10 OCT 007/015

PREDICTED AFR/AP 11 OCT-13 OCT 015/025-016/025-017/020

SOLTERWARN

BT