

HFUS3 BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 282

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 09 OCT 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100
TO 09/2100Z: SOLAR ACTIVITY WAS VERY LOW. NO NEW REGION WAS
ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z:
THE GEOMAGNETIC FIELD WAS UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED THE FIRST DAY (10 OCT). THE SECOND AND
THIRD DAYS (11-12 OCT) ARE 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 10 OCT-12 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 OCT 066

PREDICTED 10 OCT-12 OCT 067/067/067

90 DAY MEAN 09 OCT 071

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 OCT 015/019

ESTIMATED AFR/AP 09 OCT 008/010

PREDICTED AFR/AP 10 OCT-12 OCT 009/010-015/025-016/025

SOLTERWARN

BT