

HFUS3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 254

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 11 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100
TO 11/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24
HOURS. A SMALL SPOT WAS SEEN IN REGION 4693 (S20E04) EARLY IN
THE PERIOD BUT IT IS SPOTLESS AT FORECAST ISSUE TIME. THE
REGION HAS DECAYED IN H-ALPHA APPEARANCE. NO OTHER SIGNIFICANT
LIMB OR DISK ACTIVITY WAS REPORTED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST
24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BECOME ACTIVE TOMORROW IN RESPONSE TO FILAMENT
DISAPPEARANCES OBSERVED NEAR SOLAR DISK CENTER ON 7 SEPTEMBER.
THIS DISTURBANCE SHOULD SUBSIDE ON 13 SEPTEMBER AND THE FIELD
IS EXPECTED TO BE UNSETTLED TO QUIET BY THE END OF THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 12 SEP-14 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 SEP 068

PREDICTED 12 SEP-14 SEP 070/070/070

90 DAY MEAN 11 SEP 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 SEP 012/017

ESTIMATED AFR/AP 11 SEP 013/015

PREDICTED AFR/AP 12 SEP-14 SEP 025/025-015/015-010/015

SOLTERWARN

BT