

HFUS3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 242

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 30 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100
TO 30/2100Z: SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE
PAST 24 HOURS. A SMALL SPOT GROUP HAS DEVELOPED NEAR N06W12 AND
IS NUMBERED 4692. THE C SHAPED FILAMENT NEAR CENTRAL MERIDIAN
HAS PARTIALLY DISAPPEARED. BESIDES THESE TWO OBSERVATIONS,
NOTHING ELSE ON THE DISK HAS CHANGED MUCH.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z:
THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED WITH BRIEF ACTIVE
CONDITIONS EARLY IN THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE GENERALLY UNSETTLED FOR THE NEXT THREE DAYS.
NIGHTTIME ACTIVE CONDITIONS ARE LIKELY.

III. EVENT PROBABILITIES 31 AUG-02 SEP

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 AUG 073

PREDICTED 31 AUG-02 SEP 073/073/073

90 DAY MEAN 30 AUG 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 AUG 016/024

ESTIMATED AFR/AP 30 AUG 010/015

PREDICTED AFR/AP 31 AUG-02 SEP 010/015-010/015-010/010

SOLTERWARN

BT