

HFLSS3 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

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