

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 272

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 29 SEP 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100  
TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24  
HOURS. A NEW REGION WAS NUMBERED TODAY. REGION 4695 (S14E11)  
APPEARED AS A SMALL BXO SPOT GROUP WITH A BETA MAGNETIC  
CONFIGURATION. THE REST OF THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE  
VERY LOW FOR THE NEXT 72 HOURS. NO SIGNIFICANT REGIONS ARE DUE  
TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z:  
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED FOR THE PAST  
24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
EXPECTED TO BE UNSETTLED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 30 SEP-02 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 SEP 068

PREDICTED 30 SEP-02 OCT 069/069/069

90 DAY MEAN 29 SEP 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 SEP 006/010

ESTIMATED AFR/AP 29 SEP 008/008

PREDICTED AFR/AP 30 SEP-02 OCT 005/010-005/010-008/010

SOLTERWARN

BT