

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

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|---------|----------|
| CLASS M | 01/01/01 |
| CLASS X | 01/01/01 |
| PROTON | 01/01/01 |
| PCAF | GREEN |

IV. OTTAWA 10.7 CM FLUX

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|-------------|---------------|-------------|
| OBSERVED | 29 SEP | 068 |
| PREDICTED | 30 SEP-02 OCT | 069/069/069 |
| 90 DAY MEAN | 29 SEP | 073 |

V. GEOMAGNETIC A INDICES

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|------------------|---------------|-------------------------|
| 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 | | |