

HFLS3 BOU 092800
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 344
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 09 DEC 1984

I A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100 TO 09/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. ALL CURRENT REGIONS ON THE VISIBLE DISK ARE QUIET AND STABLE. ONE NEW REGION WAS NUMBERED TODAY AS REGION 4605 (S06E62). THIS REGION CONTAINS AN A-TYPE SPOT GROUP.

I B. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE FORECAST PERIOD.

II A. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED THE PAST 24 HOURS.

II B. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED. THE FIELD IS EXPECTED TO INCREASE REACHING ACTIVE LEVELS BY 11 DECEMBER AND MINOR STORM CONDITIONS ON 12 DECEMBER. THIS INCREASE IN ACTIVITY IS EXPECTED DUE TO A RECURRENT HIGH SPEED STREAM FROM A POSITIVE SOUTHERN CORONAL HOLE.

III. EVENT PROBABILITIES 10 DEC-12 DEC

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

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 DEC 077
PREDICTED 10 DEC-12 DEC 077/078/078
90 DAY MEAN 09 DEC 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 08 DEC 007/009
ESTIMATED AFR/AP 09 DEC 006/008
PREDICTED AFR/AP 10 DEC-12 DEC 010/015-015/020-035/040

SOLTERWARN
BT