

HFUS3 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 276

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 OCT 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100 TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. THE DISK IS SPOTLESS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED WITH PERIODS OF MINOR STORM. ACTIVITY INCREASED AFTER 0600 UT 03 OCTOBER WITH ISOLATED PERIODS OF MINOR STORM AT ALL LATITUDES. THIS INCREASE IS ATTRIBUTED TO DISAPPEARING FILAMENTS OF 28-30 SEPTEMBER.

IIB. GEOPHYSICAL ACTIVITY FORECAST: ACTIVITY IN THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT PREDOMINATELY ACTIVE LEVELS WITH PERIODS OF UNSETTLED CONDITIONS AND ISOLATED PERIODS OF MINOR STORM CONDITIONS FOR THE NEXT 72 HOURS. DISTURBANCES IN THE FIELD ARE EXPECTED 04 OCTOBER FROM A GEODEFFECTIVE DISAPPEARING FILAMENT AND 05-06 OCTOBER FROM A WEAK RECURRENT CORONAL HOLE.

III. EVENT PROBABILITIES 04 OCT-06 OCT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 OCT 069

PREDICTED 04 OCT-06 OCT 070/070/070

90 DAY MEAN 03 OCT 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 OCT 005/009

ESTIMATED AFR/AP 03 OCT 016/019

PREDICTED AFR/AP 04 OCT-06 OCT 015/020-012/015-012/020

SOLTERWARN

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