

HFUSS BOU 032200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 215

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100 TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGIONS 4680 (N06W29) AND 4682 (S14W08) HAVE BEEN QUIET AND STABLE. NO FLARES HAVE BEEN OBSERVED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: DISAPPEARING FILAMENTS MAY CAUSE THE GEOMAGNETIC FIELD TO BE UNSETTLED TO SLIGHTLY ACTIVE ON AUGUST FOURTH AND AGAIN ON THE SIXTH. STRICTLY UNSETTLED CONDITIONS ARE EXPECTED AUGUST FIFTH.

III. EVENT PROBABILITIES 04 AUG-06 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 AUG 077

PREDICTED 04 AUG-06 AUG 077/077/076

90 DAY MEAN 03 AUG 079

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 AUG 013/019

ESTIMATED AFR/AP 03 AUG 007/011

PREDICTED AFR/AP 04 AUG-06 AUG 015/020-010/015-015/025

SOLTERWARN

BT