

HFLS3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 222

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 10 AUG 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100 TO 10/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS. NO FLARES WERE OBSERVED. REGION 4687(S01E27) REMAINS A STABLE C-TYPE BIPOLE AND IS THE ONLY SPOTTED REGION ON THE DISK. ACTIVE PROMINENCES WERE REPORTED ON THE WEST LIMB WHILE THE REST OF THE DISK AND EAST LIMB WERE QUIET. NO NEW REGIONS WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW FOR THE NEXT 72 HOURS. REGION 4677(S13, CAR 164) IS DUE TO RETURN 11 JULY AT 1100UT BUT IS NOT EXPECTED TO PRODUCE ANY SIGNIFICANT ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED FOR THE PAST 24 HOURS. ACTIVE TO MINOR STORM CONDITIONS WERE NOTED AT HIGH LATITUDES 0600-1200UT 10 AUGUST BUT ACTIVITY DID NOT PERSIST.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED FOR THE NEXT 48 HOURS AND UNSETTLED TO ACTIVE FOR THE LAST 24 HOURS OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11 AUG-13 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 AUG 071

PREDICTED 11 AUG-13 AUG 070/070/069

90 DAY MEAN 10 AUG 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 AUG 005/008

ESTIMATED AFR/AP 10 AUG 014/014

PREDICTED AFR/AP 11 AUG-13 AUG 008/010-008/010-010/015

SOLTERWARN

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