

FUS 3 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 254

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 11 SEP 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100 TO 11/2100Z: SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. ACTIVITY HAS BEEN LIMITED TO VERY WEAK SUBFLARES FROM REGIONS 4313 (N05W00) AND 4305 (S09W52). THE PLAGE SURROUNDING REGION 4305 IS NOTICABLY ENHANCED COMPARED TO YESTERDAY. A NEW B-TYPE SPOT GROUP LOCATED NEAR S02E05 WAS IDENTIFIED AS REGION 4315. REGIONS NOT SPECIFICALLY MENTIONED HAVE BEEN EITHER STABLE OR DECAYING.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVELS DURING THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD HAS BEEN CONSISTENTLY UNSETTLED DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN AT UNSETTLED LEVELS OVER THE NEXT SEVERAL DAYS.

III. EVENT PROBABILITIES 12 SEP-14 SEP

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 SEP 109

PREDICTED 12 SEP-14 SEP 108/106/106

90 DAY MEAN 11 SEP 125

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 SEP 009/014

ESTIMATED AFR/AP 11 SEP 010/015

PREDICTED AFR/AP 12 SEP-14 SEP 010/010-010/010-010/010

SOLTERWARN

BT