

FUS 3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 250

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 SEP 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100 TO 07/2100Z: SOLAR ACTIVITY IS LOW. REGION 4304 (N09W48) COMMENCED PRODUCTION OF SUBFLARE ACTIVITY LATE TODAY BUT ALL HAVE BEEN LESS THAN CLASS C CATEGORY. NONE OF THE VISIBLE FEATURES HAVE SUSTAINED ANY GROWTH PATTERNS. ONE REGION WAS NUMBERED TODAY: 4310 (S23E41) WHICH IS A SMALL A TYPE GROUP.

IB. SOLAR ACTIVITY FORECAST: THE LACK OF VITALITY IN THE VISIBLE REGIONS SHOULD RESULT IN A CONTINUED LOW LEVEL OF ACTIVITY.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD WAS QUIET UNTIL 071500Z WHEN ACTIVE CONDITIONS WERE RECORDED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE PRESENT ACTIVE CONDITIONS ARE THOUGHT TO BE RECURRENT ACTIVITY AND SHOULD CONTINUE FOR ANOTHER 24 TO 36 HOURS.

III. EVENT PROBABILITIES 08 SEP-10 SEP

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 SEP 117

PREDICTED 08 SEP-10 SEP 118/120/118

90 DAY MEAN 07 SEP 126

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 SEP 006/010

ESTIMATED AFR/AP 07 SEP 017/020

PREDICTED AFR/AP 08 SEP-10 SEP 015/020-015/020-010/015

SOLTERWARN

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