

FUS 3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 200

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 19 JUL 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100
TO 19/2100Z: SOLAR ACTIVITY REMAINS LOW. THE MOST DRAMATIC
OCCURRENCES DURING THE PAST 24 HOURS WERE TWO IMPORTANCE 1
FLARES FROM A SPOTLESS PLAGE CENTERED NEAR S12E65. BOTH FLARES
OCCURRED BETWEEN 1400Z AND 1500Z. THE PLAGE WILL BE NUMBERED
REGION 4254. THE OTHER DISK REGIONS APPEAR STABLE OR DECLINING
AND ARE MANAGING ONLY AN OCCASIONAL SUBFLARE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z:
THE GEOMAGNETIC FIELD WAS UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GENERALLY UNSETTLED
CONDITIONS SHOULD CONTINUE.

III. EVENT PROBABILITIES 20 JUL-22 JUL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JUL 116

PREDICTED 20 JUL-22 JUL 111/110/110

90 DAY MEAN 19 JUL 135

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 JUL 020/024

ESTIMATED AFR/AP 19 JUL 012/020

PREDICTED AFR/AP 20 JUL-22 JUL 015/020-012/015-010/010

SOLTERWARN

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