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HFUS 1 BOU 301300

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 181A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 1300Z 30 JUN 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/1200Z TO 30/1200Z: SOLAR ACTIVITY HAS BEEN VERY LOW. X-RAY LEVEL HAS REMAINED BELOW CLASS C THRESHOLD FOR OVER 24 HOURS. ALL DISK REGIONS ARE SIMPLE IN STRUCTURE. OLD REGION 3763, WHICH WAS A PROLIFIC FLARE PRODUCER LAST ROTATION, HAS RETURNED INACTIVE AND IS NOW REGION 3794 (S09E70).

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

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH STORM LEVELS PREVAILING BETWEEN 00-09Z TODAY. THE FIELD IS EXPECTED TO REMAIN GENERALLY ACTIVE FOR THE NEXT 24-36 HOURS AND THEN BECOME UNSETTLED.

III. EVENT PROBABILITIES 01 JUL-03 JUL

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 JUN 108

ESTIMATED 30 JUN 105

PREDICTED 01 JUL-03 JUL 103/103/103

90 DAY MEAN 29 JUN 161

V. GEOMAGNETIC A INDICES

OBSERVED AFR 28 JUN 022 AP 29 JUN 017

ESTIMATED AFR 29 JUN 013 AFR/AP 30 JUN 035/045

PREDICTED AFR/AP 01 JUL-03 JUL 015/015-012/015-012/015

SOLTERWARN

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HFUS 3 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 181B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 30 JUN 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/1200Z TO 30/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. X-RAY LEVELS CONTINUE TO BE BELOW CLASS C THRESHOLDS. ALL OF THE REGIONS ON THE DISK ARE SIMPLE IN STRUCTURE AND SHOULD NOT PRODUCE SIGNIFICANT FLARE ACTIVITY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. NO NEW REGIONS HAVE BEEN NUMBERED THIS PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH A SHORT PERIOD OF MINOR STORM LEVEL ACTIVITY OCCURRING FROM 0000-0900 ZULU TODAY. ACTIVE TO HIGHLY UNSETTLED CONDITIONS SHOULD PREVAIL FOR THE NEXT 24 HOURS, FOLLOWED BY UNSETTLED CONDITIONS FOR THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01 JUL-03 JUL

CLASS M 02/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 JUN 105

PREDICTED 01 JUL-03 JUL 100/100/098

90 DAY MEAN 30 JUN 160

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 29 JUN 016/017

ESTIMATED AFR/AP 30 JUN 029/035

PREDICTED AFR/AP 01 JUL-03 JUL 015/015-012/015-012/015

SOLTERWARN

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