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HFUS 1 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 162A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 11 JUNE 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY TWO SMALL NON ENERGETIC
SUBFLARES HAVE BEEN OBSERVED DURING THE PAST 8 HOURS. THE LIMBS
ARE QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS UNSETTLED. THE SUDDEN COMMENCEMENT AT
10/1849Z WAS RATHER SMALL BUT THE FIELD WILL BECOME ACTIVE DURING
THE NEXT 24 HOURS TO MINOR STORM LEVEL.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 111400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 162B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 11 JUNE 1974

IA. REGION 426 (N05E32) HAS BEEN SLIGHTLY ACTIVE WITH SUB FLARES
PRODUCING MINOR XRAY ENHANCEMENTS. OTHER REGIONS ARE RELATIVELY QUIET.

IB. CONTINUED DEVELOPMENT IN REG 426 IS EXPECTED AND AN INCREASE IN
THE NUMBER OF MINOR FLARES.

II. THE GEOMAGNETIC FIELD IS DISTURBED, AND IT IS EXPECTED TO CONTINUE
DISTURBED FOR THE NEXT 24 TO 48 HOURS AS A RECURRENT MINOR MAGNETIC
STORM.

III. EVENT PROBABILITIES 11 JUNE - 13 JUNE

CLASS M 35/45/55

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUNE 94

PREDICTED 11 JUNE - 13 JUNE 90/88/85

90-DAY MEAN 10 JUNE 87

V. GEOMAGNETIC A INDICES

ESTIMATED AFR/AP 11 JUNE 30/40

PREDICTED AFR/AP 12 JUNE - 14 JUNE 35/45 - 20/28 - 20/28

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HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 162

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 JUNE 1974

IA. SOLAR ACTIVITY HAS BEEN MODERATE. AN UNUSUAL LONG-LIVED CLASS C1 EVENT BEGAN AT 1543Z, REACHED A FLAT MAXIMUM AT 1641Z AND ENDED ABOUT 1957Z. THE ONLY COINCIDING OPTICAL EVENTS WERE A SLOW ERUPTIVE PROMINENCE AT S20 WEST LIMB (REGION 416) AND PLAGE BRIGHTENINGS IN REGION 426 (N05E28). THE GOES SATELLITE RECORD INDICATES A LARGE 1-8A X-RAY TOTAL FLUX. ACTIVITY BEYOND WEST LIMB IS SUSPECTED AS CONTRIBUTING TO THE EVENT. SPOT GROWTH CONTINUES IN REGION 426 WITH THE CLASS-E GROUP NOW SHOWING MAGNETIC STRUCTURE AS IF IT WERE TWO BIPOLAR AREAS IN COLLISION. MINOR PLAGE GROWTH AND AN ACTIVE FILAMENT HAS OCCURRED IN REGION 420 (N05W44).

IB. MINOR FLARE ACTIVITY SHOULD INCREASE AS REGION 426 CONTINUES TO DEVELOP. A REGION IS DUE TO RETURN TO SE LIMB TOMORROW.

II. THE GEOMAGNETIC FIELD IS ACTIVE AND WILL CONTINUE ACTIVE THROUGHOUT THE FORECAST PERIOD. OCCASIONAL PERIODS OF STORM INTENSITY ARE LIKELY.

III. EVENT PROBABILITIES 12 - 14 JUNE

CLASS M 35/45/55

CLASS X 01/02/02

PROTON 01/01/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUNE 94

PREDICTED 12 - 14 JUNE 90/86/82

90-DAY MEAN 11 JUNE 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 JUNE 15

ESTIMATED AFR/AP 11 JUNE 19/27

PREDICTED AFP/AP 12 - 14 JUNE 28/39 - 20/28 - 20/28

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