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HFUS 1 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 101A

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

IA. SOLAR ACTIVITY HAS INCREASED SOMEWHAT WITH AN X-RAY CLASS C5  
SUBNORMAL FLARE IN REGION 375 (S12W02) AT 0203Z, FOLLOWED BY AN  
M1 SUB-BRILLIANT FLARE IN REGION 377 (S04E34) AT 0256Z.

IB. SOLAR ACTIVITY COULD INCREASE TO A MODERATE LEVEL TODAY, WITH  
SYMPATHETIC ACTIVITY POSSIBLE IN REGIONS 375 AND 379 (S15E15), AND  
FURTHER GROWTH IN REGION 377 LIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 6 HOURS.  
ACTIVE TO UNSETTLED CONDITIONS ARE EXPECTED FOR THE REMAINDER OF  
THE DAY.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 APRIL 12

ESTIMATED AFR/AP 10 APRIL 16/20

PREDICTED AFR/AP 11-13 APRIL 15/17 - 8/9 - 8/9

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HFUS 1 BOU 111400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 101B

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

IA. SOLAR ACTIVITY CONTINUES LOW. REGION 375 (S12W07) PRODUCED  
NUMEROUS MINOR BRIGHTENINGS WITH THE LARGEST A SN/C5 FLARE AT  
0159Z. SPOT GROWTH CONTINUES PRIMARILY AS ENLARGEMENT OF LEADER  
SPOT. PLAGUE REMAINS HOT AND COMPLEX. REGION 377 (S04W39) CONTINUES  
SLOW GROWTH AND PRODUCED A SB/C8 FLARE AT 0252Z. WEATHER  
PREVENTS CAREFUL ASSESSMENT CURRENT CONDITIONS.

IB. FURTHER GROWTH AND SPOT MOTIONS LEADING PORTION 375 MAY GIVE  
MODERATE ACTIVITY THIS PERIOD. REGION 377 IS ALSO A LIKELY SOURCE  
OF SMALL CLASS-M FLARES.

II. GEOMAGNETIC FIELD CONTINUES ACTIVE AND SHOULD CONTINUE SO THE  
REMAINDER OF THIS DAY. SLIGHTLY REDUCED ACTIVITY EXPECTED TOWARD  
END OF THREE-DAY PERIOD.

III. EVENT PROBABILITIES 11-13 APRIL

CLASS M 80/80/80

CLASS X 02/04/04

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 APRIL 95

PREDICTED 11-13 APRIL 102/102/102

90-DAY MEAN 11 APRIL 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 APRIL 12

ESTIMATED AFR/AP 10 APRIL 17/20

PREDICTED AFR/AP 11-13 APRIL 15/17 - 12/13 - 12/13

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