

HFUS 1 BOU 270600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 117A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 27 APRIL 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. NO FLARES HAVE  
BEEN OBSERVED DURING THE PAST 8 HOURS. THE DISK REGIONS ARE STABLE  
AND QUIET AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD IS DISTURBED AND A MINOR GEOMAGNETIC STORM  
STARTED GRADUALLY AT ABOUT 27/0100Z. THE STORM WILL CONTINUE MINOR  
FOR 36 TO 48 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 APRIL 18

ESTIMATED AFR/AP 26 APRIL 13/14

PREDICTED AFR/AP 27-29 APRIL 25/33-18/21-13/14

SOLTERWARN

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HFUS 1 BOU 271400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 117B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 27 APRIL 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 387(S08W22) PRODUCED  
A SUBNORMAL FLARE AT 0810Z BUT HAS BEEN STABLE AND QUIET SINCE  
THAT TIME. THE LIMBS AND REST OF THE DISK ARE STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE BUT DIMINISHING DURING  
THE PAST 12 HOURS. THIS PATTERN OF ACTIVITY DURING LOCAL  
NIGHT TIME AND UNSETTLED CONDITIONS DURING LOCAL DAY LIGHT IS  
EXPECTED TO PERSIST THROUGH THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 27 - 29 APRIL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 APRIL 74

PREDICTED 27 - 29 APRIL 73/72/73

90-DAY MEAN 26 APRIL 82

V. GEOMAGNETIC A INDICES

PBSERVED FREDERICKSBURG 25 APRIL 18

ESTIMATED AFR/AP 26 APRIL 13/14

PREDICTED AFR/AP 27- 29 APRIL 25/33 - 18/21 - 13/14

SOLTERWARN

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HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 117

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 27 APRIL 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 387 (S09W27)  
HAS PRODUCED 3 SUBFLARES AND IS THE LIKELY SOURCE OF NUMEROUS  
SIMPLE AND TYPE III RADIO EVENTS RECORDED. THE LIMBS AND REMAINDER  
OF DISK ARE QUIET.

IB. ACTIVITY IS EXPECTED TO CONTINUE VERY LOW THROUGH THE NEXT  
24 HOURS AND THEN BEGIN TO INCREASE WITH THE RETURN OF ACTIVE  
LONGITUDES ON ABOUT APRIL 29.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET SINCE  
THE ACTIVE CONDITIONS PRESENT DURING LOCAL NIGHTTIME. THIS PATTERN  
IS EXPECTED TO PERSIST THROUGH THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 28 - 30 APRIL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 APRIL 74

PREDICTED 28 - 30 APRIL 74/72/74

90-DAY MEAN 27 APRIL 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 APRIL 13

ESTIMATED AFR/AP 27 APRIL 18/21

PREDICTED AFR/AP 28 - 30 APRIL 15/17 - 13/14 - 20/24

SOLTERWARN

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