

HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 167A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 16 JUNE 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. WEATHER HAS PREVENTED ALL  
OPTICAL PATROLS DURING PAST EIGHT HOURS, BUT SATELLITE AND RADIO  
SENSORS HAVE CONTINUED WITHOUT EVENTS.

IB. NO INCREASE IN FLARE ACTIVITY ANTICIPATED.

II. GEOMAGNETIC FIELD CONTINUES DISTURBED.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

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HFUS 1 BOU 161400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 167B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 16 JUNE 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 8 HOURS,  
AND NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED. REGION 426 (N05W34)  
HAS CONTINUED ITS PATTERN OF DECAY, BUT NEW MAGNETIC FIELDS MAY BE  
EMERGING ALONG THE NEUTRAL LINE NORTHEAST OF THIS REGION AT ABOUT  
N14W28. REGION 428 (S12E35) HAS REMAINED QUIET AND MAY BE  
DECLINING.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.  
INFREQUENT SMALL FLARES MAY OCCUR IN REGIONS 426 AND 428.

II. THE GEOMAGNETIC FIELD HAS REMAINED ACTIVE DURING THE PAST  
8 HOURS. ACTIVE CONDITIONS ARE EXPECTED TO CONTINUE THROUGH  
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 16-18 JUNE

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JUNE 82

PREDICTED 16-18 JUNE 81/80/80

90-DAY MEAN 15 JUNE 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JUNE 16

ESTIMATED AFR/AP 15 JUNE 25/35

PREDICTED AFR/AP 16-18 JUNE 18/21 - 18/21 - 18/21

SOLTERWARN

SPAN

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HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 167

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 16 JUNE 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS,  
AND ONLY ONE NON-ENERGETIC SUBNORMAL FLARE HAS BEEN REPORTED. THIS  
FLARE OCCURRED AT 16/0409Z IN REGION 428 (S12E32). REGION 428 HAS  
EXHIBITED FILAMENT ACTIVITY ALONG ITS SOMEWHAT ODDLY-SHAPED NEUTRAL  
LINE, AND SOME PLAGE OF FOLLOWING POLARITY CONTAINING WEAK ARCH  
FILAMENTS HAS DEVELOPED AT THE NORTHWESTERN EDGE OF THE MAIN LEADING  
SPOT. REGION 426 (N05W44) HAS CONTINUED TO DECAY SLOWLY, AND THIS  
REGION PRESENTLY IS UNIMPRESSIVE. NO OTHER SIGNIFICANT REGIONS ARE  
VISIBLE ON THE DISK, AND NO LIMB ACTIVITY HAS BEEN REPORTED.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL  
THROUGH THE NEXT THREE DAYS. REGION 428, WHILE PRESENTLY STABLE,  
SHOULD BE WATCHED FOR SIGNS OF CONTINUED DEVELOPMENT THAT COULD LEAD  
TO THE PRODUCTION OF SPORADIC FLARES.

II. GENERALLY ACTIVE GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED  
DURING THE PAST 24 HOURS. ACTIVE CONDITIONS ARE EXPECTED TO  
CONTINUE, WITH MAXIMUM LEVELS OF DISTURBANCE LIKELY DURING LOCAL  
NIGHTTIME.

III. EVENT PROBABILITIES 17 - 19 JUNE

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JUNE 84

PREDICTED 17-19 JUNE 83/83/84

90-DAY MEAN 16 JUNE 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JUNE 32

ESTIMATED AFR/AP 16 JUNE 13/15

PREDICTED AFR/AP 17-19 JUNE 18/21 - 18/21 - 19/22

SOLTERWARN

SPAN

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