

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

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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 REMAINDED 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 REMAINDED 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 REMAINDED 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

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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
BT