

HFUS 1 BOU 040600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 155A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 04 JUNE 1974

IA. A ONE BRIGHT FLARE AT 04/0009Z IN REGION 417 (S13W12) PRODUCED
A TYPE II RADIO BURST AND HAD AN M-3 XRAY BURST. SINCE THAT FLARE
THE DISK REGIONS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE MODERATE. CLASS C FLARES AND
AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED.

II. THE MINOR GEOMAGNETIC DISTURBANCE CONTINUES. IT IS EXPECTED TO
DECREASE DURING THE NEXT 24 HOURS. THE LEVEL OF DISTURBANCE IS BELOW
STORM LEVEL.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 041400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 155B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 04 JUNE 1974

IA. SINCE THE 1B FLARE (M-3) AT 04/0009Z IN REGION 417(S15W13),
ONLY ONE MINOR FLARE WAS REPORTED. THE LARGE N-S BUSHY FILAMENT
(S14W08 TO S30E12) LIFTED OFF AT 0425Z, BY 0520Z ONLY A THIN
DARK FILAMENT REMAINED.

IB. LOW TO MODERATE ACTIVITY EXPECTED WITH REGIONS 416(S12E25)
AND 417 MOST LIKELY TO BE ACTIVE.

II. GEOMAGNETIC FIELD CONTINUES SLIGHTLY DISTURBED, HOWEVER
QUIETER CONDITIONS EXPECTED TODAY.

III. EVENT PROBABILITIES 04 JUN-06 JUN

CLASS M 80/80/80

CLASS X 10/10/10

PROTON 02/03/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JUN 96

PREDICTED 04 JUN-06 JUN 100/102/102

90-DAY MEAN 03 JUN 86

V. GEOMAGNETIC A INDICES

ESTIMATED FREDERICKSBURG 03 JUN 20

ESTIMATED AFR/AP 04 JUN 18/20

PREDICTED AFR/AP 05 - 07 JUN 10/11 - 06/07 - 05/06

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HFUS 1 BOU 041400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 155B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 04 JUNE 1974

IA. SINCE THE 1B FLARE (M-3) AT 04/0009Z IN REGION 417(S15W13),
ONLY ONE MINOR FLARE WAS REPORTED. THE LARGE N-S BUSHY FILAMENT
(S14W08 TO S30E12) LIFTED OFF AT 0425Z, BY 0520Z ONLY A THIN
DARK FILAMENT REMAINED.

IB. LOW TO MODERATE ACTIVITY EXPECTED WITH REGIONS 416(S12E25)
AND 417 MOST LIKELY TO BE ACTIVE.

II. GEOMAGNETIC FIELD CONTINUES SLIGHTLY DISTURBED, HOWEVER
QUIETER CONDITIONS EXPECTED TODAY.

III. EVENT PROBABILITIES 04 JUN-06 JUN

CLASS M 80/80/80

CLASS X 10/10/10

PROTON 02/03/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JUN 96

PREDICTED 04 JUN-06 JUN 100/102/102

90-DAY MEAN 03 JUN 86

V. GEOMAGNETIC A INDICES

ESTIMATED FREDERICKSBURG 03 JUN 20

ESTIMATED AFR/AP 04 JUN 18/20

PREDICTED AFR/AP 05 - 07 JUN 10/11 - 06/07 - 05/06

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HFUS BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 155

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 JUN 1974

IA. SOLAR ACTIVITY HAS DECREASED TO A LOW LEVEL DURING THE LAST 20 HOURS WITH ONLY 3 NON-ENERGETIC SUBFLARES REPORTED, NONE IN THE LAST 10 HOURS. REGION 417 (S14W24) PRODUCED A 1 B FLARE AT 04/0018Z, ACCCOMPANIED BY AN M3 X RAY EVENT, A MODERATE SHORT WAVE FADE, A TYPE II RADIO BURST AT DEKAMETRIC WAVELENGTHS, AND A 56 FLUX UNIT BURST AT 2695 MHZ. SINCE THIS TIME, SPOT DECAY HAS BEEN OBSERVED IN THIS REGION, AND THE REGION HAS PRODUCED ONLY ONE OF FLARE. REGION 416 (S15E14) IS ALSO DECAYING AND HAS PRODUCED ONLY 3 SUBFLARES IN THE LAST 24 HOURS. NEW REGION 420 (N05E55) CONTAINS AN ARCH FILAMENT SYSTEM AND AN ENHANCED PLAGE, INDICATING PROBABLE DEVELOPMENT, BUT AS YET CONTAINS ONLY AN A TYPE SPOT GROUP.

IB. A LOW TO MODERATE LEVEL OF SOLAR ACTIVITY SHOULD CONTINUE WITH ONE OR TWO SMALL CLASS M EVENTS LIKELY FROM REGIONS 416 AND 417 AS THEY CONTINUE THEIR SLOW DECLINE.

II. THE GEOMAGNETIC FIELD HAS BECOME UNSETTLED TO QUIET DURING THE DAY, AND UNSETTLED TO QUIET CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 JUN-07 JUN

CLASS M 60/55/50

CLASS X 05/04/03

PROTON 03/03/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JUN 96

PREDICTED 05 JUN-07 JUN 95/94/93

90-DAY MEAN 04 JUN 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 JUN 19

ESTIMATED AFR/AP 04 JUN 08/15

PREDICTED AFR/AP 05 JUN-07 JUN 06/09 - 05/06 - 05/06

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