

HFUS 1 BOU 090600

FROM SPACE ENVIRONMENT SERVICES-CENTER BOULDER, CO

SDF NUMBER 221A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 09 AUGUST 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 461(S08E18) CONTINUES
TO DEVELOP SLOWLY IN COMPLEXITY AND IS BEGINNING TO SHOW SOME
SIGNS OF DYNAMIC ACTIVITY.

IB. ACTIVITY IS EXPECTED TO REMAIN AT VERY LOW LEVELS FOR
AT LEAST THE NEXT 12 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. SIMILAR CONDITIONS
ARE EXPECTED FOR ABOUT 48 HOURS, FOLLOWED BY A GRADUAL TREND
TOWARD MORE QUIET CONDITIONS.

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 091400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 09 AUGUST 1974

IA. FLARE ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS.
A NON-ENERGETIC FLARE FROM REGION 461(S09E15) AT 0647 WAS PRECEDED
BY A DISAPPEARING FILAMENT, AND ACCOMPANIED BY A DARK SURGE AND
DEKAMETRIC RADIO EMISSION. ANOTHER NON-ENERGETIC SUBFLARE WAS
OBSERVED IN SPOTLESS REGION 465(S05E44) AT 0944. TWO NEW SPOT GROUPS
ARE NOW VISIBLE AT S06E56 AND N08E84.

IB. FLARE ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE LAST EIGHT
HOURS. THE FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE DURING
BRIEF PERIODS AFTER LOCAL MIDNIGHT DURING THE NEXT TWO DAYS.

III. EVENT PROBABILITIES 09 - 11 AUGUST

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 AUGUST 87

PREDICTED 09 - 11 AUGUST 85/84/86

90-DAY MEAN 08 AUGUST 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 AUGUST 19

ESTIMATED AFR/AP 08 AUGUST 17/22

PREDICTED AFR/AP 09 - 11 AUGUST 16/18 - 16/18 - 10/12

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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 221

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 09 AUGUST 1974

IA. FLARE ACTIVITY HAS BEEN LOW DURING THE LAST 24 HOURS.

ACTIVE REGION 461 (S09E09) PRODUCED ONE NON-ENERGETIC SUB-

FLARE, AND SEVERAL DARK SURGES. OTHERWISE THIS REGION IS DECAYING.

REGION 465 (S05E33) HAS PRODUCED TWO SUBFLARES, IN AS MANY DAYS,

BUT REMAINS SPOTLESS. A NEW ACTIVE REGION, 466, WAS BORN AT

S09E53, BUT DOES NOT APPEAR DYNAMIC. NEW ACTIVE REGION 467

(N08E81) IS NOW CLEAR OF THE LIMB, AND DOES NOT APPEAR ACTIVE.

DEKAMETRIC RADIO ACTIVITY IS CONTINUING.

IB. FLARE ACTIVITY IS EXPECTED TO BE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN SPORADICALLY ACTIVE DURING

THE PAST 24 HOURS. IT IS EXPECTED THAT SUCH ACTIVITY WILL

GRADUALLY SUBSIDE.

III. EVENT PROBABILITIES 10 - 12 AUGUST

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 AUGUST 85

PREDICTED 10 - 12 AUGUST 83/81/81

90-DAY MEAN 09 AUGUST 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 AUGUST 15

ESTIMATED AFR/AP 09 AUGUST 10/11

PREDICTED AFR/AP 10 - 12 AUGUST 10/11 - 10/11 - 08/09

SOLTERWARN

SPAN

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