

HFUS 1 BOU 130500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 256A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 13 SEPT 1974

IA. SOLAR ACTIVITY REMAINS LOW. THERE HAS BEEN LITTLE CHANGE ON
THE DISK, AND REGION 487 (N08E25) REMAINS COMPLEX AND THREATENING.
CONTINUUM RADIO EMISSION CONTINUES FROM THE NORTHEAST QUADRANT.

IB. MAJOR FLARES REMAIN POSSIBLE FROM REGION 487, WHICH IS EXPECTED
TO PRODUCE SUCH ACTIVITY WHILE ON THE VISIBLE DISK.

II. THE GEOMAGNETIC FIELD REMAINS VERY QUIET. ACTIVE CONDITIONS ARE
EXPECTED TO COMMENCE 13 SEPTEMBER, FOLLOWED BY MINOR STORM LEVELS
DUE TO A RECURRENT DISTURBANCE.

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 131430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 256B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY-
ISSUED 1430Z 13 SEP 1974

IA. SOLAR ACTIVITY HAS BEEN LOW, BUT REGION 487 (N08E20) RETAINS ITS
POTENTIAL FOR SIGNIFICANT EVENTS. DEKAMETRIC CONTINUUM CONTINUES
AT A WEAK LEVEL. ALL OTHER REGIONS ARE RELATIVELY QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE MODERATE TO HIGH WITH A GOOD
CHANCE OF M OR X EVENTS THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE AT ABOUT 0900Z AND IT IS
EXPECTED TO REMAIN SO FOR THE NEXT 12-24 HOURS AND MINOR STORM
THE FOLLOWING 24-48 HOURS.

III. EVENT PROBABILITIES 13-15 SEP

CLASS M 75/75/75

CLASS X 40/40/40

PROTON 25/25/25

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 SEP 104

PREDICTED 13-15 SEP 107/108/108

90-DAY MEAN 12 SEP 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 SEP 04

ESTIMATED AFR/AP 12 SEP 05/07

PREDICTED AFR/AP 13-15 SEP 17/24 - 30/42 - 30/42

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