

HFUS 1 BOU 210500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 264A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 21 SEPTEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. THE
MINOR PCA EVENT IS NOW OVER AND READINGS AT THULE ARE NOW NORMAL.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE NEXT 8 HOURS.

II. THE GEOMAGNETIC DISTURBANCE CONTINUES AND IS EXPECTED TO CON-
TINUE DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 211400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 264B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 21 SEPT 1974
IA. SOLAR ACTIVITY CONTINUES LOW WITH MINOR SURGES FROM
DEPARTING AR 487 THE MINOR PCA WHICH BEGAN AT 20/0130Z ENDED
BY 21/0100Z.
IB. NO MAJOR SOLAR ACTIVITY EXPECTED. HOWEVER AR 487
COULD EASILY PRODUCE AN M FLARE IN NEXT 48 HOURS REMAINDER DISK
IS QUIET.
II. A SUDDEN COMMENCEMENT BEGAN AT 21/1245Z. VERY DISTURBED TO
STORM CONDITIONS EXPECTED FOR NEXT 48 HOURS.
III. EVENT PROBABILITIES 21 - 23 SEPT
CLASS M 35/30/10
CLASS X 15/12/02
PROTON 10/10/05
PCAF YELLOW
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
BT

HFUS BOU 212200Z

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 264

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 SEPTEMBER 1974

IA. A SN FLARE AT 2030Z AND MINOR SURGES AND PROMINENCE ACTIVITY
HAVE BEEN REPORTED AS AR 487 LEAVES DISK. AN EPL (S40E90) BEGAN
AT 2000Z.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT LOW LEVEL WITH NO SIGNIFICANT
ARS ON DISK. NO RETURNING REGIONS EXPECTED.

II. THE MINOR GEOMAGNETIC STORM CONTINUES. A RETURN TO DISTURBED
CONDITIONS IS EXPECTED WITHIN 24 HOURS.

III. EVENT PROBABILITIES 22 SEPT - 24 SEPT

CLASS M 25/10/05

CLASS X 10/05/01

PROTON 10/10/01

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 SEPT 82.0

PREDICTED 22 SEPT - 24 SEPT 82/78/76

90-DAY MEAN 21 SEPT 89.0

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 SEPT 24

ESTIMATED AFR/AP 21 SEPT 25/35

PREDICTED AFR/AP 22 SEPT - 24 SEPT 20/28 - 18/23 - 15/20

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