

HFUS 1 BOU 120500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 255A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 12 SEPT 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. SEVERAL
OBSERVATORIES HAVE REPORTED TRAILER SPOTS IN REGION 644 (S08E04)
MAKING THE REGION A C-TYPE. RAMEY REPORTS THE REAPPEARANCE OF
OLD REGION 624 (S10) ON THE EAST LIMB.

IB. ACTIVITY SHOULD REMAIN VERY LOW WITH A SLIGHT CHANCE OF
LOW LEVEL C-CLASS FLARE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 24 HOURS
AND THE DISTURBANCE APPEARS TO BE CONTINUING. A DECREASING
TREND SHOULD BE EVIDENT SOMETIME ON 12 SEP.

III. EVENT PROBABILITIES 12 - 14 SEPT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 SEPT 80

PREDICTED 12 - 14 SEP 80/80/80

90-DAY MEAN 11 SEP 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 SEP 20

ESTIMATED AFR/AP 11 SEP 18/28

PREDICTED AFR/AP 12 - 14 SEP 15/25 - 08/10 - 07/07

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HFUS I BOU 121430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 255B
JOINT AFGWC/SES SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 12 SEPT 1975
IA. SOLAR ACTIVITY HAS REMAINED VERY LOW WITH NO EVENTS REPORTED
IN THE PAST 12 HOURS. MINOR SURGES ARE OCCURRING AT N16W90 WITH
THE DEPARTURE OF REGION 633. REGION 644 (S08W02) HAS CEASED GROWING.
IB. NO SIGNIFICANT INCREASE IN ACTIVITY IS EXPECTED.
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 12 HOURS.
GRADUAL DIMINUTION TO QUIET CONDITIONS IS EXPECTED THIS FORECAST
PERIOD.
III. EVENT PROBABILITIES 12 - 14 SEPT
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 11 SEP 80
PREDICTED 12 - 14 SEP 78/78/78
90-DAY MEAN 11 SEP 82
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 11 SEP 20
ESTIMATED AFR/AP 12 SEP 15/25
PREDICTED AFR/AP 12 - 14 SEP 15/25 - 08/10 - 07/07
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GEOALERT WWA 255 120300
91211 10140 20800 30180 49950
20408 00000
80612 77771 20308 QUIET
SOLQUIET MAGALERT /12
FIN
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HFUS 1 BOU 122200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 255

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 SEPTEMBER 1975

IA. AN ERUPTIVE PROMINENCE APPEARED AT 1435Z FROM REGION 633
AT N15W90 AND CULMINATED IN A PROLONGED X-RAY EVENT 1608-1930Z
OF C7 MAGNITUDE. DOPPLER SHIFTS IN THE PROMINENCE EXCEEDED 3
ANGSTROMS. NO OTHER ACTIVITY HAS BEEN REPORTED. REGION 644 (S08W09)
CONTINUES WITH A SINGLE SYMMETRIC SPOT AND SIMPLE PLAGE STRUCTURE.
A SINGLE SPOT AND SCATTERED PLAGE MARK REGION 648 (S08E66).
IB. THE RETURN OF ACTIVE REGION 630 TO SOUTHEAST LIMB DURING
THE NEXT TWO DAYS MAY COMPENSATE FOR THE WEST LIMB PASSAGE OF
REGION 633 IN TERMS OF RADIO FLUX. NO INCREASE IN FLARE ACTIVITY
IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET AFTER A PERIOD OF
MINOR STORM CONDITIONS THE FIRST HALF OF THIS DAY. QUIET CON-
DITIONS ARE EXPECTED THROUGHOUT THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 13 - 15 SEPTEMBER

CLASS M	01/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	12 SEPTEMBER 79
PREDICTED	13 - 15 SEPT 78/78/78
90-DAY MEAN	12 SEPT 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	11 SEPT 20
ESTIMATED AFR/AP	12 SEPT 15/28
PREDICTED AFR/AP	13 - 15 SEPT 04/12 - 07/10 - 04/10

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