

NNNN
KBOU

HXUS BOU 150600

JOINT AESC/SESX SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
0600Z 16 SEPTEMBER 72

IA. NO CHANGE

IB. NO CHANGE

II NO CHANGE

III EVENT PROBABILITIES 16-18 SEPTEMBER

CLASS M 35 / 35 / 35

CLASS X 02 / 02 / 02

PROTON 02 / 02 / 02

PCAF GREEN

IV OTAWA 10.7 CM FLUX

OBSERVED 15 SEPT 102

PREDICTED 16-18 SEPT 105 / 108 / 111

90- DAY MEAN 15 SEPT - 124

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 SEPT 048

ESTIMATED 15 SEPT 023

PREDICTED 16 SEP- 18 SEPT 016 / 012 / 010

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 260B
JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 16 SEPTEMBER 1972
I A SOLAR ACTIVITY FOR THIS PERIOD HAS BEEN LOW
WITH ONLY MINOR SUBFLARE ACTIVITY REPORTED ALL REGIONS
ON THE DISK AT THIS TIME ARE QUITE UNIMPRESSIVE
ONLY REGION 406 (S10 E03) HAS SHOWN GROWTH SEVERAL POINT
BRIGHTENINGS WERE ALSO OBSERVED IN REGION 406.
I B ENERGETIC ACTIVITY IS POSSIBLE FROM
PRESENT DISK FEATURES NO SIGNIFICANT RETURNING REGIONS ARE
EXPECTED DURING THE NEXT 72 HRS.
II THE MAGNETIC FIELD ENTERED A SUBSTORM STATUS
AROUND LOCAL MIDNIGHT, SOMEWHAT LESS INTENSE
THAN THAT OBSERVED 24 HRS PREVIOUS TO THIS TIME.
QUIET CONDITIONS CAN BE EXPECTED DURING DAYLIGHT
HRS WITH UNSETTLED TO ACTIVE PERIODS LIKELY
NEAR LOCAL MIDNIGHT FOR THE NEXT TWO DAYS.
III EVENT PROBABILITIES 16 SEPT-18 SEPT
CLASS M 35 / 35 / 35
CLASS X 02 / 02 / 02
PROTON 02 / 02 / 02
PCAF GREEN
IV OTTAWA 10.7 CM FLUX
OBSERVED 15 SEPT 102
PREDICTED 16 SEPT-18 SEPT 105 / 108 / 111
90-DAY MEAN 15 SEPT 124
V GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 14 SEPT 048
ESTIMATED 15 SEPT 023
PREDICTED 16 SEPT - 18 SEPT 016 / 012 / 010
SOLTERWARN

NNNN

KBOU

HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 260C

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 SEPTEMBER 1972

IA. DISK REGIONS HAVE SHOWN ONLY MINOR CHANGES AND FLARE ACTIVITY
REMAINS LOW. BRIGHT SURGES ON THE SOUTHEAST LIMB ARE PROBABLY
ASSOCIATED WITH RETURNING REGION 393. THE NORTHERN PORTION OF A
LARGE S SHAPED FILAMENT, WHICH APPEARS TO BE ASSOCIATED WITH A
SECTOR BOUNDARY, DISAPPEARED TODAY BETWEEN 0800 AND 1300Z. THE
LARGE, DARK DISAPPEARING PORTION EXTENDED FROM N09W07 TO N10W27.

IB. FLARE ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD IS UNSETTLED. QUIET TO OCCASIONALLY
UNSETTLED CONDITIONS ARE EXPECTED DURING THE FIRST HALF OF THE NEXT
72 HOUR PERIOD. HOWEVER, THERE IS A GOOD CHANCE OF INCREASED ACTIVITY
DURING THE LATTER HALF OF THE PERIOD DUE TO THE DISAPPEARANCE OF THE
LARGE FILAMENT MENTIONED IN PART IA.

III. EVENT PROBABILITIES 17 SEP-19 SEP

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/05/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 SEP 102

PREDICTED 17 SEP-19 SEP 102/104/106

90-DAY MEAN 16 SEP 123

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 SEP 20

ESTIMATED 16 SEP 18

PREDICTED 17 SEP-19 SEP 10/16/25

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SPAN

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