

INFO

FROM: EOU 181350

FROM: SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

OPER UNDER 262B

JOINT A/ESC/SEC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 13 SEPT 1972

I. SOLAR ACTIVITY HAS BEEN LOW THE PAST 72 HOURS. NO SIGNIFICANT FLARES OR GEOPHYSICAL EFFECTS HAVE BEEN OBSERVED. A LARGE FILAMENT CROSSING THE EQUATOR AT W31 HAS BEEN ACTIVE.

II. ACTIVITY IS EXPECTED TO REMAIN LOW FOR THE NEXT 24 HOURS.

REGION 412/S16E63/ IS RETURNING REGION 367.

III. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO MILDLY ACTIVE THE PAST 72 HOURS. UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 24 HOURS DUE TO AN ANTICIPATED SECTOR BOUNDARY PASSAGE.

III. EVENT PROBABILITIES 18 - 20 SEPT

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCFC GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEPT 099

PREDICTED 18 - 20 SEPT 102/104/106

90-DAY MEAN 17 SEPT 125

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 SEPT 017

ESTIMATED 17 SEPT 017

PREDICTED 18 - 20 SEPT 015/012/010

SOLTERWARN

SPA

BT

KBOU

HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 262

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z SEPT. 18 1972

IA. SOLAR ACTIVITY HAS CONTINUED LOW WITH ALL REGIONS EXCEPT 413
/N14W39/ REMAINING STABLE OR DECAYING. REGION 412 /S14E54/ HAS
PRODUCED TWO X-RAY CLASS C SUBFLARES, AND ONLY TWO OTHER SUBFLARES
HAVE BEEN REPORTED.

IB. ACTIVITY SHOULD REMAIN LOW. HOWEVER ACTIVE FILAMENTS NEAR 412
AND 413 ENHANCE PROBABILITIES SLIGHTLY. NO ADDITIONAL REGIONS ARE
EXPECTED TO RETURN WITHIN THE NEXT 72 HRS.

II. THE GEOMAGNETIC FIELD SHOULD CONTINUE UNSETTLED DURING THE
PERIOD, DUE BOTH TO AN EXPECTED SECTOR BOUNDARY PASSAGE AND POSSIBLE
INFLUENCE FROM A LARGE FILAMENT WHICH DISAPPEARED FROM LONGITUDE
W15 ON SEPT. 16.

III. EVENT PROBABILITIES 19 SEPT.-21 SEPT.

CLASS M 30/30/30

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 SEPT 102

PREDICTED 19 SEPT-21 SEPT 104/106/108

90-DAY MEAN 18 SEPT 122

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 SEPT 18

ESTIMATED 18 SEPT 15

PREDICTED 19 SEPT-21 SEPT 15/15/20

SOLTERWARN

SPAN

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