

WFO USE BOULDER COLO

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

PREDICTED 1300Z 13 SEPT 1972

SOLAR ACTIVITY HAS BEEN LOW THE PAST 72 HOURS. NO

EFFECTS HAVE BEEN OBSERVED. A

MEDIUM FLARE AT W31 HAS BEEN ACTIVE.

LOW FOR THE NEXT 24 HOURS.

SOLAR ACTIVITY IS EXPECTED TO REMAIN

UNSETTLED IN REGION 412/S16E53/

THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO MILDLY ACTIVE

FOR THE NEXT 24 HOURS. UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT

24 HOURS DUE TO AN ANTICIPATED SECTOR BOUNDARY PASSAGE.

EVENT PROBABILITIES IS - 20 SEPT

CLASS 6 20/20/20

CLASS 7 01/01/01

PROTION GREEN 01/01/01

PCEG OBSERVED 12 01/01/01

PREDICTED 13 1/20 SEPT 099

96-HDAY MEAN 17 1/20 SEPT 125

V. GEOMAGNETIC INDICES

OBSERVED 16 1/20 SEPT 217

PREDICTED 17 1/20 SEPT 217

SOLTERVARN

SPATIAL

STATISTICAL

STATION

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 412 /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

BT