

NNNN
KBOU
HFUS 1 BOU 210600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 356A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 DEC 1972
IA. NO CHANGE
IB. NO CHANGE
II. NO CHANGE
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
SPAN
BT

NNNN

KBOU

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 356B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 21 DECEMBER 1972

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 506(N17W01) IS MODERATE
IN SIZE BUT OPEN AND SIMPLE MAGNETICALLY. REGION 508(N11E37) HAS
EVOLVED RAPIDLY DURING THE PAST 24 HOURS. IT IS MODERATELY BRIGHT
IN INTENSITY WITH AN INFERRED ESSENTIALLY EAST-WEST CONVOLUTED
NEUTRAL LINE. OF PARTICULAR INTEREST IS THE FACT BOTH THESE
REGIONS LIE JUST EAST OF SECTOR BOUNDARIES INFERRED FROM HALPHA
FILAMENTARY STRUCTURES.

IB. REGION 508 IS EXPECTED TO CONTINUE ITS GROWTH IN A MAGNETICALLY
COMPLEX STRUCTURE. THIS FACT, PLUS THE STRONG POTENTIAL OF INTERFACE
BETWEEN CORONAL ARCADES, IS THE BASIS FOR AN UPWARD TREND IN EVENT
PROBABILITIES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT WILL REMAIN QUIET
UNTIL THE LATER PART OF 22 DECEMBER AND THEN BECOME MODERATELY
UNSETLED.

III. EVENT PROBABILITIES 21 - 23 DEC

CLASS M 40/50/60

CLASS X 01/02/05

PROTON 01/03/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 DEC 115

PREDICTED 21- 23 DEC 114/115/114

90-DAY MEAN 20 DEC 112

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 DEC 06

ESTIMATED 20 DEC 05

PREDICTED 21 - 23 DEC 03/08/12

SPAN

BT

NNNN

KBOU

HFUS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 356

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 DECEMBER 1972

IA. SOLAR ACTIVITY HAS BEEN LOW, WITH ONLY NON EVERGETIC SUBFLARES
FROM REGIONS 506 /N15W03/ AND 508 /N12E33/. REGION 508 HAS SHOWN
SIGNIFICANT GROWTH SINCE YESTERDAY. THIS REGION HAS A WELL
DEVELOPED ARCH FILAMENT SYSTEM, INDICATING FURTHER
DEVELOPMENT CAN BE EXPECTED. AT THE PRESENT TIME HOWEVER, ITS
MAGNETIC STRUCTURE IS NOT COMPLEX.

IB. SUBFLARE ACTIVITY AND ASSOCIATED CLASS C EVENTS ARE
EXPECTED FROM REGION 508, WITH A SMALL CLASS M EVENT POSSIBLE.
LARGER EVENTS ARE UNLIKELY UNLESS REGION 508 DEVELOPES A MORE
COMPLEX MAGNETIC STRUCTURE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. GENERALLY QUIET
CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS, WITH UNSETLED
CONDITIONS BEGINNING ON 23 DEC.

III. EVENT PROBABILITIES 22 DEC - 24 DEC

CLASS M 40/40/50

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10 .7 CM FLUX

OBSERVED 21 DEC 120

PREDICTED 22 - 24 DEC 122/124/124

90-DAY MEAN 21 DEC 112

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 DEC 05

ESTIMATED 21 DEC 01

PREDICTED 22-24 DEC 05/12/10

SOLIERWARN

SPAN

BT