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HFUS 1 BOU 140550
ØM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 349A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 14 DECEMBER 1972
IA. NO CHANGE
IB. NO CHANGE
II. NO CHANGE
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
SPAN
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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 349B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 14 DECEMBER 1972

IA. SOLAR ACTIVITY REMAINS LOW. REGIONS 502(N12W42), 496(N11W35)
AND 500(S19E10) ARE REPORTED AS STABLE WITH NO IMPORTANT CHANGES
IN STRUCTURE. A SURGE AND OSO-7 DATA INDICATE THE PROBABLE
ARRIVAL OF A MODERATE REGION NEAR SE03.

IB. A LOW LEVEL CLASS M EVENT IS POSSIBLE FROM REGIONS 502/496
AND 500 DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED. IT IS
EXPECTED TO REMAIN UNSETTLED FOR THE BALANCE OF THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 14 - 16 DEC

CLASS M 70/60/60

CLASS X 10/05/05

PROTON 10/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 DEC 123

PREDICTED 14 - 16 DEC 116/120/122

90-DAY MEAN 13 DEC 110.8

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 DEC 06

ESTIMATED 13 DEC 21

PREDICTED 14 - 16 DEC 12/07/09

SPAN

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 349

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 DECEMBER 1972.

IA. SOLAR ACTIVITY REMAINS LOW. REGION 496 /N11W40/ IS DECLINING
IN WHITE LIGHT. THERE IS STILL A DELTA CONFIGURATION SHARED BY
REGIONS 496 AND 502 /N13W51/ BUT IT IS EXPECTED TO DISAPPEAR IN THE
NEXT 24 HOURS. REGION 502 HAS PRODUCED TWO CLASS C X-RAY EVENTS
TODAY. REGION 500 /S19E07/ IS STABLE BUT HAS MIXED POLARITIES AND
HIGH FIELD STRENGTHS. THIS REGION HAS ALSO PRODUCED A CLASS C
X-RAY EVENT TODAY.

IB. CLASS M EVENTS ARE POSSIBLE FROM REGIONS 500 AND 496/502, BUT
THE PROBABILITY OF THIS TYPE OF ACTIVITY IS DECREASING AS THESE
REGIONS DECLINE.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETTLED. UNSETTLED
CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS, WITH A POSSIBLE
SECTOR BOUNDARY PASSAGE AS INDICATED BY PIONEER 9 DUE AT EARTH LATE
ON 16 OR EARLY ON 17 DEC.

III. EVENT PROBABILITIES 15 DEC - 17 DEC.

CLASS M 60/50/45

CLASS X 05/03/02

PROTON 03/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 14 DEC 120

PREDICTED 15 DEC - 17 DEC 118/116/116

90-DAY MEAN 14 DEC 110.9

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 13 DEC 025

ESTIMATED 14 DEC 007

PREDICTED 15 DEC - 17 DEC 006/010/016

SOLTERWARN

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