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HFUS 1 BOU 140550

DM 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

SOLIERWARN

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 UNSETLED. IT IS
EXPECTED TO REMAIN UNSETLED 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

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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 UNSETLED. UNSETLED 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

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