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HFUS 1 BOU 110601

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 346A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 11 DECEMBER 1972

I.A. NO CHANGE.

I.B. NO CHANGE.

II. NO CHANGE.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

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HFUS 1 BOU 111255  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 346B  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 11 DECEMBER 1972  
IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 496 (N12E05) HAS PRODUCED  
SIX SUBFLARES SINCE 10/1300Z, NONE HAVING SIGNIFICANT RADIO OR  
X-RAY OUTPUT. THE PENUMBRA IS DECLINING, AND ATHENS REPORTS IT  
SPLITTING UP. THE DELTA IS WEAK OR ABSENT. OTHER REGIONS ARE  
STABLE AND QUIET.  
IB. ACTIVITY WILL REMAIN GENERALLY LOW AND CENTERED ON 496. MEDIUM  
TO LARGE M-CLASS EVENTS ARE POSSIBLE IF 496 DECLINES RAPIDLY.  
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, BUT MAY BECOME UNSETTLED  
WITHIN 72 HOURS.  
III. EVENT PROBABILITIES 11 DEC - 13 DEC  
CLASS M 70/70/70  
CLASS X 10/10/10  
PROTON 10/09/08  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 10 DEC 102  
PREDICTED 11-13 DEC 105/107/109  
90-DAY MEAN 10 DEC 110  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 09 DEC 03  
ESTIMATED 10 DEC 01  
PREDICTED 11-13 DEC 08/12/10  
SPAN  
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NNNN  
KBOU  
HFUS BOU 112200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 346

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 11 DECEMBER 1972.

IA. REGION 496 /N12E00/ HAS PRODUCED 6 SUBFLARES WITH AN M-1 X-RAY EVENT ASSOCIATED WITH A SUBBRIGHT FLARE AT 11/1725Z. WHILE THE SPOT AREA HAS APPARENTLY DECLINED SOMEWHAT IN THE LAST 24 HOURS, THE REGION REMAINS MAGNETICALLY COMPLEX WITH A DELTA CONFIGURATION IN THE CENTRAL PORTION. DURING THE LAST 6 HOURS, SEVERAL DARK SURGES HAVE BEEN NOTED EMINATING FROM THE LEADING PORTIONS OF THIS GROUP. REGION 499 /S18E08/ CONTAINS AN ARCH FILAMENT SYSTEM AND HAS SHOWN SOME SPOT GROWTH BUT REMAINS STABLE IN H ALPHA. TWO SMALL NEW REGIONS HAVE DEVELOPED SINCE YESTERDAY. REGION 500 /S21E47/ CONTAINS AN ARCH FILAMENT SYSTEM AND HAS PRODUCED TWO SMALL SUBFLARES DURING THE LAST 7 HOURS. REGION 501 /N20E53/ DEVELOPED IN THE LAST 12 HOURS AND PRODUCED A SMALL SUBFLARE AT 11/1944Z.

IB. CONTINUED MODERATE ACTIVITY IS LIKELY WITH MOST ACTIVITY FROM REGION 496. HOWEVER, UNLESS ADDITIONAL GROWTH OCCURS, MAJOR ACTIVITY IS NOT EXPECTED DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE LAST 24 HOURS BUT IS FORECAST TO BECOME UNSETLED IN THE NEAR FUTURE IN ASSOCIATION WITH A SECTOR BOUNDARY PASSAGE.

III. EVENT PROBABILITIES 12 DEC - 14 DEC.

CLASS M	70/70/70
CLASS X	10/10/10
PROTON	10/10/10
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED	11 DEC 110
PREDICTED	12 DEC - 14 DEC 113/116/119
90-DAY MEAN	11 DEC 110

V. GEOMAGNETIC A INDICES.

OBSERVED	FREDERICKSBURG 10 DEC 02
ESTIMATED	11 DEC 02
PREDICTED	12 DEC - 14 DEC 12/10/10
SOLTERWARN	
SPAN	

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