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HFUS 1 BOU 190601

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 324A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 19 NOVEMBER 1972

IA. NO CHANGE.

IB. NO CHANGE.

II. NO CHANGE.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

**BT**

HFUS 1 BOU 191349

CORRECTED COPY

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 324B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 19 NOVEMBER 1972

IA. SOLAR ACTIVITY HAS BEEN LOW. OLD REGION 460, DUE TO RETURN TO THE EAST LIMB, HAS MADE ITS APPEARANCE AT SE10. THE CONSENSUS OF EARLY REPORTS IS THAT THE SPOT IS H-TYPE AND THE ASSOCIATED H-ALPHA PLAGE IS SPARSE. A NEW BI-POLAR FLUX REGION IS EMERGING AT S15W04 IN THE EASTERN PART OF REGION 474 /S12W16/.

IB. AT THE PRESENT TIME THE SOUTHEAST LIMB REGION DOES NOT APPEAR TO REPRESENT A SOURCE OF ENERGETIC FLARES. THE NEW S15W04 REGION HAS A FAIR CHANCE OF DEVELOPING INTO A SOURCE OF ENERGETIC FLARES OVER THE NEXT 2-3 DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO CONTINUE TO HAVE INTERMITTENT UNSETTLED PERIODS.

III. EVENT PROBABILITIES 19 NOV - 21 NOV

CLASS M 10/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 NOV 96.8

PREDICTED 19 -21 NOV 101/105/110

90-DAY MEAN 18 NOV 116.9

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 NOV 11

ESTIMATED 18 NOV 07

PREDICTED 19-21 NOV 12/08/08

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HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 324

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 19 NOVEMBER 1972

IA. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. OLD REGION 460 NOW  
DESIGNATED 481 (S07E76) IS AN UNIMPRESSIVE H TYPE GROUP, BUT  
LIMB ACTIVITY INDICATES THERE MAY BE MORE TO COME.

IB. MINOR FLARE ACTIVITY WILL CONTINUE. REGION 479 (S15W09)  
HAS PRODUCED TWO SUBFLARES AND MAY DEVELOP INTO A SOURCE OF  
ENERGETIC FLARES IN THE NEXT 2-3 DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED  
TO REMAIN MILDLY UNSETTLED FOR THE NEXT 72. HOURS.

III. EVENT PROBABILITIES 20-22 NOV

CLASS M 10/15/15

CLASS X 01/01/01

PROTON 01/01/01

FCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 NOV 102.2

PREDICTED 20-22 NOV 105/110/112

90-DAY MEAN 19 NOV 116.7

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 NOV 007

ESTIMATED 19 NOV 009

PREDICTED 20-22 NOV 008/008/008

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