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HFUS 1 BOU 190601

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 354A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 19 DECEMBER 1972

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 191255

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 354B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 19 DECEMBER 1972

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL. REGION 506 (N17E22)  
CONTINUES SLOW GROWTH IN BOTH WHITE LIGHT AND H-ALPHA. THE OTHER  
DISKS REGIONS, 500 (S19W54), 503 (S07W10) AND 505 (S07E12) HAVE  
SHOWN VERY LITTLE CHANGE DURING THE PAST 15 HOURS.

IB. CLASS C TYPE FLARES ARE EXPECTED FROM THESE FOUR REGIONS WITH  
LOW LEVEL CLASS M FLARES POSSIBLE FORM REGIONS 500 AND 503.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET IT IS EXPECTED TO REMAIN  
QUIET TO SLIGHTLY UNSETLED.

III. EVENT PROBABILITIES 19-21 DEC

CLASS M 50/40/40

CLASS X 03/02/02

PROTON 03/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 DEC 116

PREDICTED 19-21 DEC 117/119/118

90-DAY MEAN 18 DEC 111.7

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 DEC 10

ESTIMATED 18 DEC 05

PREDICTED 19-21 DEC 05/08/05

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HFUS 1 BOU 191255

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 354B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 19 DECEMBER 1972

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL. REGION 506 /N17E22/  
CONTINUES SLOW GROWTH IN BOTH WHITE LIGHT AND H-ALPHA. THE OTHER  
DISKS REGIONS, 500 /S19W54/, 503 /S07W10/ AND 505 /S07E12/ HAVE  
SHOWN VERY LITTLE CHANGE DURING THE PAST 15 HOURS.

IB. CLASS C TYPE FLARES ARE EXPECTED FROM THESE FOUR REGIONS WITH  
LOW LEVEL CLASS M FLARES POSSIBLE FROM REGION 500 AND 503.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO REMAIN  
QUIET TO SLIGHTLY UNSETLED.

III. EVENT PROBABILITIES 19 - 21 DEC

CLASS M 50/40/40

CLASS X 03/02/02

PROTON 03/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 DEC 116

PREDICTED 19-21 DEC 117/119/118

90-DAY MEAN 18 DEC 111.7

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 DEC 10

ESTIMATED 18 DEC 05

PREDICTED 19-21 DEC 05/08/05

SOLTERWARN

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HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 354

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 19 DEC 1972

IA. ACTIVITY HAS BEEN LOW THIS PERIOD, WITH ONLY SUBFLARES  
REPORTED FROM REGIONS 500 /S19W57/, 503 /S07W15/, 505 /S05E09/,  
506 /N17E19/ AND A SMALL PLAGE REGION NEAR S08E87 WHICH SHOWS NO  
SPOTS AS YET. REGION 503 HAS DECAYED AND NOW HAS NO SPOTS, BUT PLAGE  
REMAINS BRIGHT AND INTACT. REGION 506 IS NOW THE MOST INTERESTING  
ON THE DISK AND CONTINUES SLOW GROWTH. OTHER REGIONS ARE STABLE  
OR DECLINING.

IB. ACTIVITY SHOULD REMAIN LOW, WITH SUBFLARES POSSIBLE FROM  
THE FIVE VISIBLE REGIONS. 503 AND 506 ARE CAPABLE OF SMALL  
M-CLASS X-RAY EVENTS, BUT COMPLEXITY MUST INCREASE BEFORE LARGE  
M OR X-CLASS EVENTS ARE POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO MILDLY UNSETLED.  
THESE CONDITIONS SHOULD PERSIST THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20-22 DEC

CLASS M 50/50/50

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 DEC 117

PREDICTED 20-22 DEC 116/115/112

90-DAY MEAN 19 DEC 111

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 DEC 06

ESTIMATED 19 DEC 06

PREDICTED 20-22 DEC 06/03/06

SOLTERWARN

SPAN

BT