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HFUS 1 BOU 230600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 267A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND REOPHYSICAL ACTIVITY

ISSUED 0600Z 23 SEPTEMBER 1972

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 231345

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 267B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 23 SEP 1972

IA. WITH MOST OBSERVATORIES LIMITED BY CLOUDS, SOLAR ACTIVITY  
HAS APPARENTLY BEEN LOW DURING THE PAST 24 HOURS. THE REGION  
414/416 COMPLEX /S05E40/ HAS PRODUCED A ONE NORMAL AND HALF A  
DOZEN SUBFLARES DURING THIS PERIOD. THE ONE NORMAL /AT 22/1649Z/  
AND A ZERO BRIGHT /AT 23/1008Z/ WERE BOTH SMALL M-CLASS X-RAY  
EVENTS WITH FEW ASSOCIATED GEOPHYSICAL EFFECTS. ALL OTHER REGIONS  
SEEM TO BE STABLE.

IB. THE REGION 414/416 COMPLEX IS EXPECTED TO PRODUCE AN OCCASIONAL  
SMALL ENERGETIC EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE LAST 24 HOURS.  
THE FIELD BECAME UNSETTLED AT 23/1200Z. THE FIELD SHOULD REMAIN  
UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 23 SEP-25 SEP.

CLASS M 80/80/80

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 22 SEP 122

PREDICTED 23-25 SEP 124/124/128

90-DAY MEAN 22 SEP 121.6

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 SEP 02

ESTIMATED 22 SEP 06

PREDICTED 23-25 SEP 10/12/10

SOLTERWARN

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HFUS BOU 232200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 267  
JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 SEP 1972  
IA. SEVERAL SMALL FLARES HAVE BEEN REPORTED DURING THE PAST 24 HOURS  
WITH THE MOST SIGNIFICANT EVENT, A BRILLIANT SUBFLARE FROM THE  
414/416 COMPLEX, PRODUCING A CLASS C-7 X-RAY BURST AT 23/1008Z.  
REGION 416 /S05E36/ REMAINS MAGNETICALLY COMPLEX AND A WEAK DELTA  
CONFIGURATION HAS FORMED IN THE CENTRAL PART OF ITS E TYPE SPOT  
GROUP. THE LEADER SPOT OF THIS GROUP HAS SPLIT, RESULTING IN A LOSS  
OF THE PREVIOUSLY REPORTED DELTA. THE REMAINING DISK REGIONS HAVE  
SHOWN ONLY MINOR CHANGES.  
IB. CLASS M X-RAY FLARES ARE EXPECTED FROM THE 414/416 COMPLEX.  
REGION 392 IS DUE TO RETURN ON 24 SEP.  
II. THE GEOMAGNETIC FIELD WAS ACTIVE TODAY BETWEEN 1200 AND 1500Z.  
HOWEVER, THE DISTURBANCE SUBSIDED AND UNSETTLED CONDITIONS ARE  
EXPECTED DURING THE NEXT 72 HOURS.  
III. EVENT PROBABILITIES 24 SEP-26 SEP  
CLASS M 75/70/65  
CLASS X 07/05/05  
PROTON 02/03/04  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 23 SEP 127  
PREDICTED 24-26 SEP 130/136/140  
90-DAY MEAN 23 SEP 121.7  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 22 SEP 06  
ESTIMATED 23 SEP 13  
PREDICTED 24 SEP-26 SEP 12/10/10  
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