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HFUS 1 BOU 130600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 287A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 13 OCTOBER 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 131300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 287B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 13 OCTOBER 1972

IA. QUIET SOLAR CONDITIONS CONTINUE WITH NO SUNSPOTS  
CURRENTLY VISIBLE ON THE SOLAR DISK. AN OPTICAL SUBFLARE  
(CLASS C1) WAS OBSERVED AT 0400Z NEAR N07 E16, BUT  
NO RADIO EMISSION OR IONOSPHERIC EFFECTS ACCOMPANIED  
THIS FLARE.

IB. THE LOW LEVEL OF SOLAR ACTIVITY SHOULD CONTINUE  
WITH NO ENERGETIC EVENTS EXPECTED DURING THE  
NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE  
SINCE 0000Z TODAY. NOTE REVISED FORECAST IN PART V.  
THE VELA SATELLITE SHOWS THAT A HIGH VELOCITY SOLAR  
WIND STREAM IS CURRENTLY SWEEPING PAST  
THE EARTH. UNSETTLED GEOMAGNETIC CONDITIONS WITH  
OCCASIONAL ACTIVE PERIODS SHOULD CHARACTERIZE THE  
GEOMAGNETIC FIELD DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 13-15 OCT

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PACF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 OCT 95

PREDICTED 13-15 OCT 95/96/97

90-DAY MEAN 12 OCT 117.6

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 OCT 22

ESTIMATED 12 OCT 09

PREDICTED 13-15 OCT 17/10/08

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HFUS BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 287

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 13 OCT 1972

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THIS PERIOD. THE ONLY SPOT VISIBLE WAS IN REGION 441 /N14E25/. THE LIMBS HAVE BEEN RATHER QUIET WITH ONLY A FEW ASRS REPORTED AT SW08 FROM THE REMAINS OF REGION 433.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW WITH NO SIGNIFICANT REGIONS EXPECTED TO RETURN IN THE NEXT 72 HOURS.

II. THE MAGNETIC FIELD HAS BEEN ACTIVE FOR THIS PERIOD WITH SEVERAL KS EQUAL TO FOUR REPORTED NEAR LOCAL MIDNIGHT. THE FIELD SHOULD BE DECREASINGLY ACTIVE AND APPROACH A QUIET STATUS NEAR THE END OF THIS 72 HOUR PERIOD.

III. EVENT PROBABILITIES 14-16 OCTOBER

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 OCTOBER 95.0

PREDICTED 14-16 OCTOBER 96/97/98

90-DAY MEAN 13 OCTOBER 117.4

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 OCTOBER 15

ESTIMATED 13 OCTOBER 12

PREDICTED 13-15 OCTOBER 10/09/08

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