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HFUS 1 BOU 140600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 288A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 14 OCTOBER 1972

IA. NO CHANGE

IB. NO CHANGE

II. THE MINOR MAGNETIC DISTURBANCE CONTINUES.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 141300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 288B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 14 OCTOBER 1972

IA. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. A
SPOT GROUP MAY BE FORMING NEAR N13 E26. A
CLUSTER OF PORES ARE VISIBLE IN THIS AREA IN
WHITE LIGHT AND A SUBFLARE WAS OBSERVED AT 0310Z
AT THIS LOCATION.

IB. A SLIGHT UPSWING IN ACTIVITY IS EXPECTED
WITH THE FORMATION OF A SPOT GROUP NEAR N13 E26
ANTICIPATED. FLARE ACTIVITY SHOULD, HOWEVER, BE CONFINED
TO CLASS C EVENTS FOR AT LEAST THE NEXT 48 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE SINCE 0000Z TODAY,
AS THE VELA SATELLITE CONTINUES TO RECORD SOLAR
WIND SPEEDS IN EXCESS OF 600 KM/SEC. ONLY SLIGHTLY
UNSETTLED CONDITIONS ARE EXPECTED FOR THE REST OF TODAY.
ONE MORE DAY OF ACTIVE GEOMAGNETIC CONDITIONS DURING
LOCAL MIDNIGHT HOURS IS EXPECTED BEFORE
QUIET CONDITIONS RETURN.

III. EVENT PROBABILITIES 14-16 OCTOBER

CLASS M 10/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 OCTOBER 95

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 14

PREDICTED 14-15 OCTOBER 18/09/08

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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 288

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 14 OCTOBER 1972

IA. SOLAR ACTIVITY FOR THIS PERIOD CENTERED ON AN X-RAY EVENT OBSERVED BY THE VELA SYSTEM. AT 14/1647Z THE 1-8A FLUX REACHED A MAXIMUM OF C9. ALTHOUGH NO SPECIFIC OPTICAL EVENT CAN BE ASSOCIATED WITH THESE X-RAYS, IT IS LIKELY THAT THEY ORIGINATED WITH SURGES OBSERVED AT SE-8. THIS ACTIVE AREA IS NOT ASSOCIATED WITH A RETURNING REGION.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW. THE AREA IN THE SE IS POSSIBLE AREA OF FURTHER ACTIVITY.

II. THE MAGNETIC FIELD WAS AGAIN IN AN ACTIVE STATUS DURING LOCAL NIGHTTIME. MAXIMUM K OF 5 WAS OBSERVED DURING THE PAST 24 HOURS. DURING THE NEXT 72 HOURS, THE GEOMAGNETIC FIELD IS EXPECTED TO APPROACH A QUIET STATUS.

III. EVENT PROBABILITIES 15 OCT - 17 OCT.

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 14 OCT 97.5

PREDICTED 15 OCT - 17 OCT 99/101/103

90-DAY MEAN 14 OCT 117.2

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 13 OCT 19

ESTIMATED 14 OCT 18

PREDICTED 15 OCT - 17 OCT 10/08/06

SOLTERWARN

SPAN

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