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HFUS 1 BOU 030600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 343A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 08 DEC 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

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 343B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 08 DECEMBER 1972

IA. ACTIVITY HAS BEEN VERY LOW. REGION 496(N12 E47) IS THE PRIMARY AREA OF INTEREST AT THIS TIME. CONTINUED SLOW DEVELOPMENT OF THIS REGION HAS NOT BEEN ASSOCIATED WITH SIGNIFICANT ACTIVITY.

IB. FURTHER DEVELOPMENT OF REGION 496 IS LIKELY, BUT SEVERAL MORE DAYS OF GROWTH AT THE PRESENT RATE WILL BE REQUIRED BEFORE ENERGETIC ACTIVITY WOULD BE EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETTLED AND IS EXPECTED TO REMAIN SO THROUGH THE 72 HOUR FORECAST PERIOD.

III. EVENT PROBABILITIES 08 DEC - 10 DEC

CLASS M 20/25/25

CLASS X 02/05/05

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 DEC 89.8

PREDICTED 08 - 10 DEC 94/97/99

90-DAY MEAN 07 DEC 110.3

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 DEC 02

ESTIMATED 07 DEC 10

PREDICTED 08 - 10 DEC 10/10/08

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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 343

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 DECEMBER 1972

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 496 /N12E41/ IS
THE ONLY SPOT GROUP ON THE VISIBLE DISK. OVERALL GROWTH WITHIN
THIS REGION APPEARS TO HAVE SLOWED, BUT IT NOW CONTAINS A DELTA
CONFIGURATION WHERE FOLLOWING POLARITY SPOTS OF THE
WESTERNMOST BIPOLE HAVE MERGED WITH THE LEADING POLARITY SPOT
OF THE EASTERN BIPOLE. MINOR SURGE ACTIVITY ON THE EAST LIMB
NEAR S12 MAY HERALD THE RETURN OF OLD REGION 474.

IB. AN INCREASE IN ACTIVITY IS EXPECTED TO ACCOMPANY CONTINUED
SLOW DEVELOPMENT IN 496. THE FREQUENCY OF FLARES IS LIKELY
TO REMAIN LOW BUT EVENTS COULD REACH MODERATE CLASS M INTENSITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE 07/2100Z.
UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 09-11 DEC

CLASS M 50/55/60

CLASS X 05/08/08

PROTON 02/03/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 DEC 96

PREDICTED 09-11 DEC 98/101/105

90-DAY MEAN 08 DEC 110

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 DEC 11

ESTIMATED 08 DEC 04

PREDICTED 09-11 DEC 08/12/12

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