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HFUS 1 BOU 090600

SDF NUMBER 068A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 09 MAR 1973

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 068B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 09 MARCH 1973

IA. SOLAR ACTIVITY HAS INCREASED SLIGHTLY. REGION 055(S07E55)
PRODUCED A SUBFLARE AT 0432Z WHICH WAS ACCCOMPANIED BY WEAK
IONSPHERIC EFFECTS. THIS REGION HAS SHOWN ONLY SLIGHT GROWTH IN
PLAGE AND SPOTS DURING THE PAST 12 HOURS WHILE 053(S15E15) HAS
SHOWN A SLOW DECLINE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. CLASS C ACTIVITY IS
EXPECTED FROM REGIONS 053 AND 055. A SMALL CLASS M EVENT IS POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED SINCE 0000Z TODAY.
GENERALLY QUIET GEOMAGNETIC CONDITIONS WITH UNSETTLED PERIODS
DURING LOCAL NIGHTTIME HOURS ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 09 - 11 MAR

CLASS M 40/40/40

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 MAR 100

PREDICTED 09 - 11 MAR 100/101/101

90-DAY MEAN 08 MAR 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAR 100

ESTIMATED 08 MAR 05

PREDICTED 09 - 11 MAR 10/05/04

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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 068

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 MARCH 1973 MI

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. RGN 055 /S07E45/ PRODUCED AN X-RAY CLASS C₆ SUBFLARE AT 0432Z ACCCOMPANIED BY WEAK IONOSPHERIC EFFECTS, AND MT. WILSON MAGNETIC POLARITIES SHOW A DELTA CONFIGURATION WITH STEEP GRADIENTS ON THE EAST SIDE OF THE FOLLOWER SPOTS. RGNS 051 /S18E09/ AND 053 /S16E08/ APPEAR STABLE.

IB. ACTIVITY IS EXPECTED LOW TO MODERATE WITH SMALL C-CLASS SUBFLARES LIKELY FROM RGNS 053 AND 055. RGN 055 /S07E45/ HAS NEW POTENTIAL FOR M-CLASS ACTIVITY. OLD RGN 034 APPEARS TO BE RETURNING AT SE15 BUT HAS NOT PRODUCED STRONG ACTIVITY ON THE LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETTLED. GENERALLY QUIET CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 10 MAR - 12 MAR

CLASS M 50/50/50

CLASS X 02/02/02

PROTON 01/01/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAR 108

PREDICTED 10-12 MAR 110/109/108

90-DAY MEAN 09 MAR 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAR 06

ESTIMATED 09 MAR 10

PREDICTED 10-12 MAR 06/05/05

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