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KBOU

HFUS 1 BOU 020600

SDF NUMBER 061A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 02 MAR 1973

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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KBOU

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 061B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 02 MAR 1973

IA. REGION 044(N08W17) HAS BEEN RELATIVELY STABLE TODAY, PRODUCING
ONLY ONE SUBFLARE AND MINOR INTENSITY FLUCTUATIONS. PROMINENCE
ACTIVITY IN THE NORTHEAST IS PROBABLY ASSOCIATED WITH RETURNING
REGION 039.

IB. MAGNETIC GRADIENTS APPEAR TO BE DECLINING IN REGION 044, HOWEVER,
THE LEADING PART OF THIS REGION IS STILL CAPABLE OF ENERGETIC FLARE
ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE SINCE OUR
01/2200Z MESSAGE. UNSETTLED CONDITIONS ARE EXPECTED DURING THE NEXT
72 HOURS WITH BRIEF ACTIVE PERIODS POSSIBLE DURING LOCAL NIGHTTIME
ON 03 MAR.

III. EVENT PROBABILITIES 02 - 04 MAR

CLASS M 80/60/50

CLASS X 10/10/05

PROTON 05/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 MAR 101

PREDICTED 02 - 04 MAR 101/99/97

90-DAY MEAN 01 MAR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 FEB 16

ESTIMATED 01 MAR 14

PREDICTED 02 - 04 MAR 20/12/10

SPAN

BT

HFUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 061

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 MAR 1973

IA. SOLAR ACTIVITY HAS DECREASED SINCE YESTERDAY. NON-ENERGETIC
SUBFLARES CONTINUE FROM REGION 044 /NO4W16/, BUT THE ONLY FLARE
WHICH HAS PRODUCED ANY IONOSPHERIC EFFECTS WAS A 1B FLARE (CLASS
C9) AT 1833Z WHICH PRODUCED PHASE ANOMALIES ON VLF CIRCUITS. THIS
FLARE WAS ALSO FOLLOWED BY A NOISE STORM AT 245 MHZ WHICH ENDED
AT 2110Z. REGION 044 STILL HAS A COMPLEX MAGNETIC STRUCTURE, BUT
IT HAS SIMPLIFIED SLIGHTLY SINCE YESTERDAY.

IB. SMALL CLASS M EVENTS ARE EXPECTED DURING THE NEXT 72 HOURS.
EVENTS LARGER THAN M-4 ARE NOT LIKELY. WEAK IONOSPHERIC EFFECTS
LASTING LESS THAN 20 MINUTES SHOULD ACCOMPANY THESE FLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. THE FIELD IS EXPECTED
TO REMAIN ACTIVE FOR THE NEXT 24 HOURS AND THEN BECOME UNSETTLED
WITH OCCASIONAL ACTIVE PERIODS DURING LOCAL NIGHTTIME HOURS.

III. EVENT PROBABILITIES 03-06 MARCH

CLASS M 60/50/50

CLASS X 05/05/05

PROTON 05/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 MAR 104

PREDICTED 03-06 MARCH 102/101/100

90-DAY MEAN 02 MAR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 MAR 15

ESTIMATED 02 MAR 24

PREDICTED 03-06 MAR 20/15/15

SOLTERWARN

SPAN

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