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KBOU

HOUS 2 BOU 180200Z

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
18/0200Z MAR 1973

I. SUNSPOT DATA FROM CANARY IS. AT 17/0845Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

055 S07W49 339 0240 D 09 30 BETA

056 S10W38 328 0060 C 03 09 ALPHA

057 S16W47 337 0090 C 04 08 ALPHA

059 N08E68 222 0010 B 02 02 ALPHA

060 S10E09 281 0010 B 01 02 - - -

MAGNETIC CLASSIFICATIONS FROM MT. WILSON.

II. NONE.

III. NONE.

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HFUS 1 BOU 180601

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 077A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 18 MARCH 1973

IA. REGION 055 (S08W65) IS SLOWLY DECLINING. REGION 059 (N15E56)
HAS SHOWN SLIGHT GROWTH IN H-ALPHA WITH AN ARCH FILAMENT SYSTEM
EMBEDDED IN THE PLAGE.

IB. BSL ACTIVITY S10 EAST LIMB INDICATES A RETURNING REGION.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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Gary

ver 1 low

HFUS 1 BOU 181300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 077B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 18 MARCH 1978

IA. SOLAR ACTIVITY IS LOW. X-RAY EVENTS OF LESS THAN C5 INTENSITY
WITHOUT OPTICAL COUNTERPART HAVE BEEN RECORDED THOUGH INFREQUENT
LIMB SURGES AT SE10 HAVE BEEN REPORTED. OTHER THAN DECAY IN REGION
055, LITTLE CHANGE IS REPORTED. *This may be OK Though intense substorm*

IB. CONTINUED LOW ACTIVITY LEVELS EXPECTED. *Seemed a little strong*

II. AN INTENSE APPARENT GEOMAGNETIC SUBSTORM BEGAN ABOUT 18/1040Z AND
PEAKED AT 18/1200Z. K AT BOULDER WAS 5 FOR 09-12Z.

III. EVENT PROBABILITIES 18-20 MAR

CLASS M 35/30/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 MAR 103

PREDICTED 18-20 MAR 100/98/96

90-DAY MEAN 17 MAR 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 MAR 11

ESTIMATED 17 MAR 06

PREDICTED 18-20 MAR 15/12/12

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comma

AB @ EILSON
4-10-11-16
1700 + 1900
AUGUST 1974
has most of
breakup
in K-6.

The K index

↑
changed since 17/12/77
msg BUT no discussion
of any feet given in
part II

5 e 10
very low?

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 077

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 MARCH 1973

IA. SOLAR ACTIVITY HAS BEEN LOW. ONLY ONE OPTICAL SUBFLARE HAS
BEEN REPORTED IN THE LAST 50 HOURS, ALTHOUGH SPORADIC CLASS C
X-RAY EVENTS WITHOUT OPTICAL COUNTERPARTS HAVE OCCURED DURING
THE PAST 18 HOURS. AN IMPORTANCE 2 APR IS SITUATED ON THE WEST
LIMB. LOCKHEED REPORTS SEEING BRIGHT KNOTS IN THE D3 HELIUM LINE
AT THE TOPS OF THE LOOPS IN THIS APR. ALL REGIONS STABLE OR
DECLINING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO BE
UNSETTLED FOR THE NEXT 48 HOURS, FOLLOWED BY A PERIOD OF ACTIVE
CONDITIONS.

III. EVENT PROBABILITIES 19 MAR - 21 MAR.

CLASS M 30/20/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 18 MAR 96

PREDICTED 19 MAR - 21 MAR 94/92/90

90-DAY MEAN 18 MAR 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 17 MAR 06

ESTIMATED 18 MAR 16

PREDICTED 19 MAR - 21 MAR 12/12/18

SOLTERWARN

SPAN

BT