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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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SPAN

BT

Gary

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 SEIO HAVE BEEN REPORTED OTHER THAN DECAY IN REGION  
055, LITTLE CHANGE IS REPORTED.

This may be OK though intense substorm  
in Kp 6.

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. KAT 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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Ver 1 10w

comma

DB @ EILSON

ALORIN 6

1300 + 1900 t.

ANCRA 246874

the meadow

breakup

void

The K index

feet changed since 1022  
MS9 but no discussion  
of any feet given in  
part II

S 810

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  
UNSETLED 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

SOLIERWARN

SPAN

BT