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KBOU

HOUS 2 BOU 070200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
070200Z APRIL 1973

I. SUNSPOT DATA FROM BOULDER AT 06/1345Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

064	S05W59	081	0260	E	12	33	BETA
067	N12W16	038	0080	C	11	15	BETA
071	S14E30	352	0050	H	02	06	ALPHA
072	S15E42	340	0030	H	01	01	ALPHA
074	S09E25	357	0010	B	07	09	BETA

MAGNETIC CLASSIFICATIONS FROM MT. WILSON.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

064 1N 06/1758Z 1802Z 1805Z S

072 1F 06/1735Z 1735Z 1800Z

III. NONE

SOLTERWARN

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HFUS 1 BOU 070601
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 097A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 07 APRIL 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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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 097B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 07 APRIL 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 064(S05W72) HAS
GENERATED ONE SUBFLARE, BUT THIS REGION IS REPORTED TO BE STILL
DECLINING. REGION 067(N12W29) HAS EXHIBITED FURTHER DECAY IN
WHITE LIGHT AND H-ALPHA. SLIGHT GROWTH IN PLAGE AND SPOTS IS
PRESENT IN REGION 074(S09E12). A NEW REGION (S10E46) HAS BEEN
REPORTED, WITH A TYPE C SPOT GROUP NOW VISIBLE. REGIONS 071 AND
072(S14E17/S15E29) HAVE BEEN INACTIVE.

IB. CLASS M EVENTS ARE STILL POSSIBLE IN REGION 064, AND CLASS C
ACTIVITY MAY INCREASE DUE TO THE GROWTH IN REGION 074.

II. THE GEOMAGNETIC FIELD IS QUIET. IT IS EXPECTED TO REMAIN QUIET
TO MILDLY UNSETTLED THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 07 - 09 APR

CLASS M 60/50/40

CLASS X 05/05/02

PROTON 05/05/02

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 APR 114

PREDICTED 07 - 09 APR 108/106/105

90-DAY MEAN 06 APR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 APR 08

ESTIMATED 06 APR 06

PREDICTED 07- 09 APR 08/10/10

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HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 097

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 07 APRIL 1973

IA. SOLAR ACTIVITY REMAINS LOW WITH ONLY FIVE CLASS C FLARES
REPORTED TODAY. REGION 077 (S07E44) HAS SHOWN MODERATE GROWTH
DURING THE PAST 18 HOURS. THIS REGION'S SPOT GROUP IS NOW A
TYPE D AND ITS H-ALPHA PLAGE IS BRIGHT. THE REMAINING DISK
REGIONS APPEAR STABLE.

IB. CLASS C FLARE ACTIVITY SHOULD INCREASE WITH THE DEVELOPMENT
OF REGION 077. SMALL CLASS M EVENTS ARE POSSIBLE FROM REGION 064
(S06W75) DURING THE NEXT 24-36 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET TO OCCASIONALLY
UNSETTLED CONDITIONS ARE EXPECTED DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 08-10 APRIL

CLASS M 50/45/30

CLASS X 05/02/02

PROTON 05/02/02

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 APRIL 110

PREDICTED 08-10 APRIL 08/106/105

90-DAY MEAN 07 APRIL 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 APRIL 06

ESTIMATED 07 APRIL 03

PREDICTED 08-10 APRIL 06/08/10

SOLTERWARN

SPAN

BT