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HOUS 2 BOU 080200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 080200Z JUNE 1973.

I. REGIONS WITH SUNSPOTS. DATA FROM BOULDER.

LOCATIONS VALID AT 08 JUNE 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0127 N13E14 262 0001 B 04 06 BETA

0130 N06W03 278 0000 B 03 06 BETA

0131 N16E69 206 0023 D 07 12 BETA-GAMMA

0132 S14E70 204 0009 H 01 02 ALPHA

0133 N13W11 288 0000 B 01 02 BETA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 08 JUNE 0000Z.

NMBR LOCATION LO

0118 S12W59 336

0119 N11W77 354

0123 S13W83 000

0124 S17W35 317

0128 N12W60 337

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

EAST LIMB BOTH NORTH AND SOUTH.

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HFUS 1 BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 159A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 08 JUNE 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.

IB. NO CHANGE

II. THE GEOMAGNETIC FIELD HAS BECOME SLIGHTLY DISTURBED DURING  
THE PAST HOUR.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 081300  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 159B  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 08 JUNE 1973.

IA. SOLAR ACTIVITY REMAINS VERY LOW. THE SOUTHERN PART OF  
REGION 131(N16E63) HAS BEEN FLUCTUATING TO NEAR FLARE INTENSITY,  
27543-9 3)6 8\$1#-,&3 #-;3 233, .8,94. THE REMAINING DISK REGIONS  
ARE SMALL AND STABLE.

IB. FLARE ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS QUIET, BUT SHOULD BECOME ACTIVE  
WITHIN THE NEXT 24-36 HOURS.

III. EVENT PROBABILITIES 08 JUNE - 10 JUNE

CLASS M 15/20/25

CLASS X 01/02 /03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JUNE 83

PREDICTED 08-10 JUNE 85/86/89

90-DAY MEAN 07 JUNE 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 JUNE 09

ESTIMATED 07 JUNE 06

PREDICTED 08-10 JUNE 07/12/25

SOLTERWARN

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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 159

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 08 JUNE 1973

IA. SOLAR ACTIVITY HAS BEEN LOW THE LAST 24 HOURS WITH ONLY TWO SUBFLARES REPORTED. REGION 131 (N16E55) IS STILL THE MOST INTERESTING REGION, BUT HAS SHOWN ONLY MINOR DEVELOPMENT AND ACTIVITY FROM WHAT WAS EXPECTED. IT DEFINITELY HAS A DELTA CONFIGURATION IN THE LEADER SPOT. REGION 118 (S13W71) HAS SHOWN SLIGHT DEVELOPMENT BUT REMAINS SMALL. ALL OTHER REGIONS ARE STABLE. A STABLE REGION AT S12 EAST LIMB, REGION 135, APPEARS TO BE ROTATING ONTO THE DISK.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW THE NEXT 24-48 HOURS. OLD REGION 103 IS DUE BACK ON 11 JUNE. IT PRODUCED MANY SUBFLARES AND SEVERAL IMPORTANCE ONES, BUT IT HAD BECOME A STABLE REGION WITH A TYPE 'H' SPOT BY THE TIME IT CROSSED THE WEST LIMB ON 27 MAY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED AND IS EXPECTED TO REMAIN SO THE NEXT 12-24 HOURS. A RECURRING, MODERATE STORM IS EXPECTED TO START 9-10 JUNE.

III. EVENT PROBABILITIES 09-11 JUNE

CLASS M 10/10/12

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 JUNE 85

PREDICTED 09-11 JUNE 87/89/91

90-DAY MEAN 08 JUNE 99

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 JUNE 03

ESTIMATED 08 JUNE 04

PREDICTED 09-11 JUNE 10/25/25

SOLTERWARN

SPAN

BT