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KBOU

HOUS 2 BOU 220200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 220200Z JUNE 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 211405Z.

LOCATIONS VALID AT 22/0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0137 N12W60 152 0020 B 06 10 BETA

0147 S07E27 065 0370 D 08 36 BETA

0149 S03E41 051 0320 D 09 17 DELTA

0150 S12E56 036 0030 C 09 12 BETA

0151 N07W62 154 0010 A 00 01 ALPHA

0152 S05W19 111 0010 A 00 01 ALPHA

NOTE: MAGNETIC CLASS FOR ALL REGIONS EXCEPT 152, FROM MT WILSON.

152 INFERRED AT BOULDER.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 22/0000Z

NMBR LOCATION LO

0140 S11W32 124

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

REGION 147

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HFUS 1 BOU 220600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 173A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 22 JUNE 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. SLOW EVOLUTIONARY CHANGES  
CONTINUE IN REGIONS 147(S07E24); 149(S03E38) AND 150(S12E53).

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 221300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 173B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 22 JUNE 1973

IA. SOLAR ACTIVITY REMAINS LOW WITH FOUR SUBFLARES REPORTED TODAY.  
PLAGE BRIGHTENINGS AND FLUCTUATIONS HAVE BEEN OBSERVED IN THE  
TRAILING PART OF REGION 147 (S07E21) WHERE PENUMBRAL GROWTH IS  
OCCURRING. OTHER REGIONS ARE PRESENTLY STABLE.

IB. DISK ACTIVITY IS EXPECTED TO BE GENERALLY LOW, BUT LARGE CLASS  
C OR SMALL CLASS M EVENTS ARE POSSIBLE DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS QUIET AND QUIET CONDITIONS SHOULD  
CONTINUE.

III. EVENT PROBABILITIES 22 JUN - 24 JUN

CLASS M 40/45/45

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 JUN 105

PREDICTED 22 JUN - 24 JUN 107/107/106

90-DAY MEAN 21 JUN 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 JUN 17

ESTIMATED 21 JUN 12

PREDICTED 22 JUN - 24 JUN 06/06/06

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HFUS BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 173

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 222200Z JUNE 1973

IA. SOLAR ACTIVITY REMAINS LOW WITH TEN SUBFLARES REPORTED TODAY.  
THREE WERE ACCCOMPANIED BY MINOR X-RAY BURSTS AND TWO OTHERS BY MINOR  
DEKAMETRIC BURSTS. MOST OF THESE FLARES WERE IN REGION 147 (S07E10)  
WHICH HAS SHOWN CONSIDERABLE SPOT DEVELOPMENT AND SLIGHT PLAGE  
GROWTH. IT REMAINS THE BRIGHTEST AND MOST SIGNIFICANT REGION.

ALL OTHER REGIONS HAVE SHOWN ONLY SLIGHT GROWTH OR GRADUAL DECAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THE NEXT 72 HOURS  
WITH A SLIGHT CHANCE FOR AN ENERGETIC EVENT.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO REMAIN SO FOR  
THIS PERIOD.

III. EVENT PROBABILITIES 23-25 JUNE

CLASS M 40/40/40

CLASS X 02/02/02

PROTON 01/01/01

PCAF . GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JUNE 106

PREDICTED 23-25 JUNE 107/106/105

90-DAY MEAN 22 JUNE 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 JUNE 9

ESTIMATED 22 JUNE 4

PREDICTED 23-25 JUNE 4/4/4

SOLTERWARN

SPAN

BT