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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
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0137	N12W60	152	0020	B	06	10	BETA	
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0147	S07E27	065	0370	D	08	36	BETA	
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0149	S03E41	051	0320	D	09	17	DELTA	
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0150	S12E56	036	0030	C	09	12	BETA	
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0151	N07W62	154	0010	A	00	01	ALPHA	
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0152	S05W19	111	0010	A	00	01	ALPHA	
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NOTE: MAGNETIC CLASS FOR ALL REGIONS EXCEPT 152, FROM MT WILSON.
152 INFERRED AT BOULDER.

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

NMBR	LOCATION	LO
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0140	S11W32	124
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II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

REGION 147

SOLTERWARN

SPAN

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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

SOLTERWARN

SPAN

BT

NNNN

KBOU

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

SOLTERWARN

SPAN

BT

NNNN

KBOU

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 ACCOMPANIED 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