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KBOU

HOUS 2 BOU 070200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 070200Z JUNE 1973.

I. REGIONS WITH SUNSPOTS. DATA FROM BOULDER.

LOCATIONS VALID AT 07/0000Z

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG-TYPE
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0127	N13E28	262	0000	B	04	04	BETA
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0130	N05E12	278	0020	B	02	07	BETA
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0131	N14E84	206	0090	C	07	05	BETA
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0132	S14E86	204	0030	C	01	02	BETA
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NOTE: MAGNETIC CLASSIFICATIONS INFETTED AT BOULDER

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 07/0000Z.

NMBR	LOCATION	LO
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0118	S12W46	336
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0119	N11W64	354
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0123	S13W70	000
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0124	S17W22	317
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0125	S15W04	294
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0126	N16E64	226
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0128	N12W47	337
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0129	N20E29	261
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II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

RGN	IMP	BEGIN	MAX	END	CLASS
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0131	1F	06/2130Z	2132	2153	-----
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III. AREAS OF SPECIAL INTEREST:

REGION 131

SOLTERWARN

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HFUS 1 BOU 070600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 158A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 07 JUNE 1973.

IA. REGION 130(N05E09) IS STABILIZING. REGION 131(N14E81), A  
COMPACT D TYPE GROUP WITH A POSSIBLE DELTA CONFIGURATION, APPEARS  
TO BE DEVELOPING.

IB. THE POSSIBILITY OF SMALL CLASS M FLARES FROM RGN 131 SHOULD  
INCREASE SLIGHTLY DURING THE FORECAST PERIOD.

II. NO CHANGE

III. EVENT PROBABILITIES 07 - 09 JUNE

CLASS M 15/20/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 071300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 158B

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW, WITH NO FLARES REPORTED SINCE  
07/0000Z. REGION 131 (N14E77) IS A "D" TYPE SPOT GROUP WITH APPARENT  
MAGNETIC COMPLEXITY. THE SMALL LEADING SPOTS APPEAR TO BE MERGING  
IN REGION 130 (N05E05), WHERE A WEAK AFS IS REPORTED. REGIONS 127 AND  
132 (N13E21/S14E79) HAVE BEEN STABLE. THE LIMBS HAVE BEEN QUIET.

IB. THE POTENTIAL FOR ENERGETIC ACTIVITY HAS INCREASED DUE TO THE  
APPEARANCE OF THE NEW REGIONS ON THE EASTERN PORTION OF THE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. A GENERAL INCREASE IN  
ACTIVITY IS EXPECTED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 07 JUNE - 09 JUNE

CLASS M 15/20/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 JUNE 83

PREDICTED 07 -09 JUNE 85/86/88

90-DAY MEAN 06 JUNE 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 JUNE 10

ESTIMATED 06 JUNE 09

PREDICTED 07-09 JUNE 07/11/18

SOLTERWARN

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HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 158

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

IA. SOLAR ACTIVITY HAS INCREASED SLIGHTLY IN THE LAST 24 HOURS.  
THERE HAVE BEEN 5 SUBFLARES REPORTED, MOST OF THEM IN REGION 131  
(N16E70). THIS REGION IS THE MOST ACTIVE REGION AT PRESENT AND  
COULD PRODUCE SIGNIFICANT ACTIVITY. ALL OTHER REGIONS ARE  
STABLE OR DECLINING. MODERATE ACTIVITY HAS BEEN REPORTED ON  
THE NORTHEAST LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO SLOWLY INCREASE, POSSIBLY TO  
A MODERATE LEVEL AS REGION 131 ROTATES FURTHER ONTO THE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AND  
IS EXPECTED TO BECOME ACTIVE BY 10 JUNE.

III. EVENT PROBABILITIES 08 JUN - 10 JUN.

CLASS M 15/20/25

CLASS X 01/02/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 07 JUN 83

PREDICTED 08 JUN - 10 JUN 85/86/89

90-DAY MEAN 07 JUN 100

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 06 JUN 09

ESTIMATED 07 JUN 06

PREDICTED 08 JUN - 10 JUN 07/12/25

SOLTERWARN

SPAN

BT