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KNRL ATBBNNNN

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HOUS 2 BOU 120200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT 120200  
JUNE 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 111430Z.  
LOCATIONS VALID AT 12 JUNE 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
0127	N12W41	266	0010	B	05	07	BETA	
0131	N16E15	210	0100	D	04	14	BETA	
0132	S15E16	209	0050	C	04	04	BETA	
0136	N15W06	231	0010	A	01	01	ALPHA	
0137	N13E75	150	0090	D	03	07	BETA-GAMMA	
0139	S13E29	200	0000	A	01	01	ALPHA	

MAGNETIC CLASSIFICATIONS FROM BOULDER

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 12 JUNE 0000Z.

NMBR	LOCATION	LO
0130	N06W55	279
0133	N13W63	287
0134	N05W42	266
0135	S12E51	173
0138	N14E30	194

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-  
NONE.

III. AREAS OF SPECIAL INTEREST-

REGION 137.

SOLTERWARN

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KBOU  
HFUS 1 BOU 120600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 163A  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 12 JUNE 1973  
IA. SOLAR ACTIVITY HAS REMAINED LOW. IMPRESSIVE GROWTH IS REPORTED  
IN THE REDEVELOPMENT OF REGION 127 (N12W44).  
IB. NO CHANGE.  
II. NO CHANGE.  
III. NO CHANGE.  
IV. NO CHANGE.  
V. NO CHANGE.  
SOLTERWARN  
SPAN  
BT

NNNN

KBOU

HFUS 1 BOU 121300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 163B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 12 JUNE 1973

IA. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. REGION 127 (N12W48) PRODUCED ONE OF THE ONLY 2 SUBFLARES OF THE PAST 24 HOURS (THE OTHER COMING FROM REGION 137; N13E68). THE REGION HAS SHOWN CONTINUED DEVELOPMENT, WITH SOME SPOT AND PLAGE GROWTH, AND CONTAINS AN ARCH FILAMENT SYSTEM. THE REST OF THE REGIONS ON THE SUN ARE QUIET AND SHOW LITTLE CHANGE. THE PROMINENCE OVER REGION 137 HAS BEEN INTERMITTENTLY SLIGHTLY ACTIVE.

IB. OCCASIONAL SUBFLARES ARE EXPECTED, WITH A CLASS M EVENT POSSIBLE BUT NOT LIKELY. THERE COULD BE EAST LIMB ACTIVITY TOWARD THE END OF THE FORECAST PERIOD WHEN OLD REGION 114 (S02) IS DUE TO RETURN.

II. THE GEOMAGNETIC FIELD IS ACTIVE AND WILL PROBABLY REMAIN ACTIVE FOR THE NEXT FEW DAYS.

III. EVENT PROBABILITIES 12 JUN - 14 JUN

CLASS M 30/30/30

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUN 90

PREDICTED 12 JUN - 14 JUN 92/94/96

90-DAY MEAN 11 JUN 99

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 JUN 22

ESTIMATED 11 JUN 28

PREDICTED 12 JUN - 14 JUN 30/25/25

SOLTERWARN

SPAN

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NNNN  
KBOU

HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 163

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 12 JUNE 1973

IA. SOLAR ACTIVITY HAS BEEN LOW WITH ONLY SIX SUBFLARES  
IN THE LAST 24 HOURS. LITTLE CHANGE HAS BEEN OBSERVED IN ANY OF  
THE REGIONS SINCE THE LAST FORECAST. ALL REGIONS REMAIN ESSENTIALLY  
STABLE AND QUIET. REGION 137 (N13E77) HAS REVERSED POLARITY AND  
POSSIBLE SMALL DELTA CONFIGURATION.

IB. OCCASIONAL SUBFLARES ARE EXPECTED, BUT GENERAL ACTIVITY IS  
EXPECTED TO REMAIN LOW UNLESS REGION 114 (DUE BACK ON 14-15 JUNE)  
IS ACTIVE.

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

III. EVENT PROBABILITIES 13-15 JUNE

CLASS M 30/30/30

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JUNE 91

PREDICTED 13-15 JUNE 92/94/95

90-DAY MEAN 12 JUNE 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JUNE 29

ESTIMATED 12 JUNE 29

PREDICTED 13-15 JUNE 27/25/23

SOLTERWARN

SPAN

BT