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HOUS 2 BOU 150200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 150200Z JUNE 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT  
141730Z. LOCATIONS VALID AT 15 JUNE 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0127 N13W82 266 0200 D 08 11 DELTA

0131 N17W23 207 0020 C 06 04 BETA

0132 S16W26 210 0010 A 00 01 ALPHA

0137 N13E32 152 0080 D 07 18 DELTA

0141 N16E39 145 0010 C 04 04 BETA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 15 JUNE 0000Z.

NMBR LOCATION LO

0135 S13W07 191

0140 S10E64 120

0142 S03E86 098

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

RGN	IMP	BEGIN	MAX	END	CLASS
127	1N	14/2043Z	2046	2116	----
127	1N	14/2140Z	2143	2200	----

III. AREAS OF SPECIAL INTEREST:

REGIONS 137-141

REGION 127

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HFUS 1 BOU 150600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 166A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 15 JUNE 1973.

IA. SOLAR ACTIVITY REMAINS LOW. FOUR SUBFLARES, EQUAL OR LESS  
THAN C1, HAVE BEEN REPORTED DURING THE PAST EIGHT HOURS. TWO  
OCCURRED IN REGION 127(N13W85) AND TWO IN REGION 137(N13E29).  
A NEW REGION IS EMERGING BETWEEN REGIONS 137 AND 141(N16E36).

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 151300  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 166B  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 15 JUNE 1973.

IA. SOLAR ACTIVITY REMAINS LOW WITH ONLY FOUR SUBFLARES  
REPORTED TODAY. REGION 127 IS PRODUCING SMALL SURGES AS IT  
ROTATES OFF THE DISK NEAR NORTHWEST 13. THE SPOT GROUP IN OLD  
REGION 114 APPARENTLY DECAYED DURING ITS TRANSIT OF THE NON-  
VISIBLE DISK. REGION 137(N13E26) IS DECLINING WHILE REGION 141  
(N16E33) APPEARS TO BE DEVELOPING SLOWLY.

IB. FLARE ACTIVITY IS EXPECTED TO REMAIN LOW, BUT PROBABILITIES WILL  
INCREASE IF SIGNIFICANT GROWTH OCCURS IN THE 137/141 COMPLEX.

II. GEOMAGNETIC ACTIVITY HAS DECLINED. UNSETLED TO SLIGHTLY  
ACTIVE CONDITIONS ARE EXPECTED DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 15 - 17 JUNE

CLASS M	40/40/40
CLASS X	02/02/02
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED	14 JUNE 96
PREDICTED	15-17 JUNE 97/98/99
90-DAY MEAN	14 JUNE 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	13 JUNE 19
ESTIMATED	14 JUNE 20
PREDICTED	15-17 JUNE 16/16/15

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HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 166

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 15 JUNE 1973

IA. SOLAR ACTIVITY HAS BEEN LOW, BUT A 1B FLARE OCCURRED IN REGION 131 (N16W37) AT 1400Z. IT WAS ACCCOMPANIED BY MINOR RADIO BURSTS, MINOR IONOSPHERIC DISTURBANCES AND A MODERATE X-RAY BURST (M4). THIS REGION WAS, AND STILL IS, STABLE IN APPEARANCE. REGION 137 (N12E17) HAS DECLINED SLIGHTLY. REGION 141 HAS GROWN SLIGHTLY. MINOR SPOT DEVELOPMENT HAS BEEN REPORTED NEAR S13W12. A SUBFLARE OCCURRED THERE AT 1940Z. ALL OTHER REGIONS ARE STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH A SLIGHT CHANCE FOR INCREASING TO A MODERATE LEVEL.

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

III. EVENT PROBABILITIES 16-18 JUNE

CLASS M 40/40/40

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JUNE 95

PREDICTED 16-18 JUNE 95/95/95

90-DAY MEAN 15 JUNE 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JUNE 14

ESTIMATED 15 JUNE 14

PREDICTED 16-18 JUNE 15/15/15

SOLTERWARN

SPAN

BT

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