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HOUS 2 BOU 090200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
090200 JUNE 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT  
081515Z. LOCATIONS VALID AT 09 JUNE 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0118 S13W72 335 0000 A 01 01 ALPHA

0131 N16E54 210 0022 D 04 13 BETA-GAMMA DELTA

0132 S15E53 209 0008 H 02 01 ALPHA

MAGNETIC CLASS OBSERVED AT BOULDER FOR REGIONS 131 AND 132;  
INFERRRED FOR REGION 118.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 09 JUNE 0000Z

NMBR LOCATION LO

0127 N13E11 262

0128 N12W73 337

0130 N06W16 278

0133 N13W24 288

0134 N05W03 261

0135 S12E90 174

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

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HFUS 1 BOU 090600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 160A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 09 JUNE 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, BUT IS EXPECTED  
TO BECOME DISTURBED DURING THE FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 091300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 160B

HFUS 1 BOU 091300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 160B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 09 JUNE 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY ONE NON-ENERGETIC  
SUBFLARE REPORTED TODAY. SLIGHT PENUMBRAL GROWTH IS OCCURRING  
IN REGION 131(N16E49). OTHER REGIONS ARE STABLE.

IB. CLASS C FLARE ACTIVITY SHOULD INCREASE DUE TO THE GROWTH  
IN RGN 131.

II. THE GEOMAGNETIC FIELD IS QUIET, BUT IS EXPECTED TO BECOME  
ACTIVE WITHIN THE NEXT 12 HOURS.

III. EVENT PROBABILITIES 09 JUNE - 11 JUNE

CLASS M 10/10/12

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 JUNE 85

PREDICTED 09-11 JUNE 87/89/91

90-DAY MEAN 08 JUNE 99

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 JUNE 03

ESTIMATED 08 JUNE 04

PREDICTED 09-11 JUNE 10/25/25

SOLTERWARN

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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 160

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 09 JUNE 1973

IA. SOLAR ACTIVITY REMAINS LOW WITH TWO SUBFLARES REPORTED IN THE LAST 24 HOURS. THE LAST ONE, AT 1812Z, IN REGION 131 (N16E42) PRODUCED A SMALL, LOW-ENERGY, X-RAY BURST AND MINOR RADIO BURSTS. THIS REGION REMAINS THE MOST INTERESTING AND FURTHER DEVELOPMENT COULD LEAD TO SIGNIFICANT ACTIVITY. ALL OTHER REGIONS ARE STABLE. A VERY ACTIVE, BRIGHT PROMINENCE EXISTS AT N20 EAST LIMB AND APPEARS TO BE SENDING MATERIAL SOUTH TOWARD N10. AT N10 THERE APPEARS TO BE A SMALL PLAGE, POSSIBLY THE BEGINNING OF THE RETURN OF REGION 103.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW, UNLESS REGION 131 DEVELOPS AND REGION 103 PROVES TO BE ACTIVE.

II. THE GEOMAGNETIC FIELD IS UNSETLED, BUT IS EXPECTED TO BECOME ACTIVE AT ANY TIME AND REMAIN SO FOR THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 10-12 JUNE

CLASS M 10/12/12

CLASS X 01/02/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JUNE 86

PREDICTED 10-12 JUNE 88/89/91

90-DAY MEAN 09 JUNE 99

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JUNE 04

ESTIMATED 09 JUNE 12

PREDICTED 10-12 JUNE 25/25/25

SOLTERWARN

SPAN

BT