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HOUS 2 BOU 200200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
200200 AUGUST 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
19/1330Z. LOCATIONS VALID AT 200000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0193 N13E44 347 0010 B 05 06 BETA

MAGNETIC CLASSIFICATION INFERRED AT BOULDER.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 200000Z.

NMBR LOCATION LO

0192 N17W50 081

0195 N07E49 342

0196 N12W30 061

II. NONE.

III. NONE.

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HFUS 1 BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 232A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY ISSUED 0600Z 20 AUGUST 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING PAST 8 HOURS. THE SMALL SURGES AT S02 EAST LIMB AT 19/2312-2359Z IS THE ONLY ACTIVITY THAT HAS BEEN OBSERVED.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 8 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 201300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 232B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY ISSUED 1300Z 20 AUGUST 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO FLARES REPORTED DURING THE PAST 24 HOURS. FOUR SMALL STABLE REGIONS ARE CURRENTLY VISIBLE ON THE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. POTENTIAL FOR ENERGETIC ACTIVITY IS VERY LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL A MODERATE SUDDEN COMMENCEMENT WAS NOTED AT 0919Z. THE FIELD IS NOW ACTIVE AND SHOULD REMAIN SO THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20-22 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 19 AUG 74

PREDICTED 20-22 AUG 75/77/78

90-DAY MEAN 19 AUG 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 AUG 04

ESTIMATED 19 AUG 05

PREDICTED 20-22 AUG 18/28/25

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HFUS BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 232

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 AUGUST 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. A SMALL DARK SURGE NEAR N20E40 AT 20/1750Z GENERATED A SMALL SUBFLARE UPON IMPACT IN REGION 193 (N13E34) AT 20/1812Z. NO OTHER ACTIVITY HAS BEEN OBSERVED. REGION 193 HAS GROWN IN PLAGE AND DECAYED IN SUNSPOT STRUCTURE. NO OTHER SUNSPOT GROUPS ARE VISIBLE. FAINT BROKEN PLAGE IS CROSSING THE EAST LIMB NEAR S04.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW FOR THE NEXT 72 HOURS. OLD REGION 176 (N15) MAY RETURN 22 AUGUST.

II. THE GEOMAGNETIC FIELD WAS ACTIVE 20/1150-1530Z AND QUIET THE REST OF THE PERIOD. QUIET TO UNSETLED CONDITIONS ARE EXPECTED THROUGH 21 AUGUST WITH UNSETLED TO ACTIVE CONDITIONS BEGINNING 22 AUGUST.

III. EVENT PROBABILITIES 21-23 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 AUG 77

PREDICTED 21-23 AUG 78/80/81

90-DAY MEAN 20 AUG 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 AUG 06

ESTIMATED 20 AUG 12

PREDICTED 21-23 AUG 12/20/20

SOLTERWARN

SPAN

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