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HOUS 2 BOU 260200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
260200Z SEP 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM CYI TAKEN AT 250900.

LOCATIONS VALID AT 26 SEP 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

| | | | | | | | |
|------|--------|-----|------|---|----|----|------------|
| 0227 | N14W63 | 326 | 0010 | B | 01 | 02 | BETA |
| 0231 | N05W22 | 285 | 0010 | B | 02 | 04 | BETA |
| 0234 | N06E04 | 259 | 0150 | H | // | 02 | ALPHA |
| 0236 | N14E09 | 254 | 0450 | D | 10 | 26 | BETA GAMMA |
| 0241 | N21E66 | 197 | 0150 | H | // | 01 | ALPHA |
| 0243 | N09E07 | 256 | 0020 | B | 02 | 03 | BETA |
| 0245 | S16E74 | 189 | 0040 | H | // | 01 | ALPHA |
| 0246 | S30E01 | 262 | XXXX | B | // | 02 | BETA |

RGN 0246 ADDED 25/2130Z FROM PALHUA.

POLARITIES INFERRED AT CANARY IS.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 26 SEP 0000Z.

NMBR LOCATION LO

0226 S08W85 348

0228 S15W68 331

0240 S15E04 259

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

241 IN 25/0034Z 0100Z 0139Z C1

III. AREAS OF SPECIAL INTEREST-

REGION 236.

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HFUS 1 BOU 260600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 SEPTEMBER 1973

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL WITH ONLY INFREQUENT
SUBFLARES REPORTED. REGION 236 (N14E06) SEEMS TO BE GRADUALLY RE-
STRUCTURING AND DEVELOPING, THOUGHT THE DELTA CONFIGURATION
SUGGESTED EARLIER IS NOT PRESENT. SURGES CONTINUE ON THE SE LIMB
NEAR THE AREA WHERE RETURNING REGION 215 IS EXPECTED. OTHER REGIONS
ARE QUIET AND SHOW LITTLE CHANGE.

IB. SUBFLARE ACTIVITY IS EXPECTED TO INCREASE SOME, AND FAIR POTENTIAL
EXISTS FOR A MODERATELY ENERGETIC FLARE.

II. THE GEOMAGNETIC FIELD IS ACTIVE, AND WILL LIKELY REMAIN SO
THROUGH THE FORECAST PERIOD.

III/ NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 261300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 26 SEPT 1973

IA. SOLAR ACTIVITY REMAINS LOW, WITH ONLY MINOR FLARE ACTIVITY
REPORTED. THE EAST LIMB HAS BEEN ACTIVE WITH SURGES AT S10 AND N20,
AND PROMINENCE ACTIVITY AT N20. SLIGHT GROWTH IS REPORTED IN
REGION 236 (N14E02), AND ONLY MINOR CHANGES OBSERVED IN THE OTHER
REMAINING REGIONS.

IB. SOLAR ACTIVITY SHOULD INCREASE TO A MODERATE LEVEL, WITH REGION
236 THE MOST LIKELY CANDIDATE FOR ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE, AND WILL REMAIN IN
THIS CONDITION FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 26-28 SEP

CLASS M 60/65/70

CLASS X 05/05/05

PROTON 01/02/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 SEP 112

PREDICTED 26-28 SEP 114/117/120

90-DAY MEAN 25 SEP 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 SEP 22

ESTIMATED 25 SEP 15

PREDICTED 26-28 SEP 21/18/15

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HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 SEPTEMBER 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY FOUR SUBFLARES
REPORTED IN THE LAST 24 HOURS. MODERATE ACTIVITY NEAR S12E90
(REGION 247) INDICATES A DYNAMIC AND COMPLEX REGION EXISTS
THERE. THIS IS PROBABLY OLD REGION 215 WHICH WAS MODERATELY
ACTIVE LAST ROTATION. LIMB ACTIVITY ALSO EXISTS NEAR N15E90
(REGION 248) WHICH IS PROBABLY OLD REGION 212. REGION 236
(N14W02) CONTINUES TO GROW AND RESTRUCTURE.

IB. SOLAR ACTIVITY SHOULD INCREASE OVER THIS PERIOD DUE TO
CONTINUING GROWTH IN REGION 236 AND THE RETURN OF REGIONS 212
AND 215.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO BORDERLINE MINOR
STORM CONDITIONS. THE FIELD IS EXPECTED TO SLOWLY DECLINE TO
UNSETTLED CONDITIONS BY THE END OF THIS PERIOD.

III. EVENT PROBABILITIES 27 SEP - 29 SEP.

CLASS M 60/65/70

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 26 SEP 115

PREDICTED 27 SEP - 29 SEP 118/121/124

90-DAY MEAN 26 SEP 90

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 25 SEP 19

ESTIMATED 26 SEP 27

PREDICTED 27 SEP - 29 SEP 20/15/10

SOLTERWARN

SPAN

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