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HOUS 2 BOU 240200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
24/0200Z NOVEMBER 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
23/1700Z. LOCATIONS VALID AT 24 NOVEMBER 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0287 S11E48 156 0042 D 09 11 BETA

0288 S10W29 233 0005 D 06 10 BETA

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 24/0000Z.

NMBR LOCATION LO

0280 N15W67 271

0284 S12E02 202

0285 N14W59 263

0289 S12E72 132

II. NONE.

III. NONE.

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HFUS 1 BOU 240600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 328A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 24 NOVEMBER 1973

IA. REGION 287 (S11E48) HAS PRODUCED ALL THE SOLAR ACTIVITY THAT
HAS BEEN OBSERVED. THE FLARES HAVE ALL BEEN SUBFLARES. A SUBNORMAL
FLARE AT 23/2345 IN REGION 287 WAS CLASSIFIED AS A C5. THE OTHER
DISK REGION IS QUIET.

IB. NO MAJOR ACTIVITY IS EXPECTED. REGION 287 WILL CONTINUE TO
PRODUCE SUBFLARES DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET, BUT THE FIELD IS EXPECTED TO
BECOME UNSETTLED DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS BOU 241300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 328B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 24 NOV 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 7 HOURS WITH NO OPTICAL CHANGES IN DISK FEATURES BEING REPORTED.

IB. A LOW LEVEL OF ACTIVITY IS EXPECTED TO PERSIST FOR THE REMAINDER OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO OCCASIONALLY ACTIVE. NIGHTTIME SECTORS SHOULD EXPERIENCE ACTIVE CONDITIONS FOR THE NEXT 24 TO 36 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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10CM 23 NOV 73 89

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 328

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 NOVEMBER 1973.

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW THE PAST 24 HOURS.
REGION 287 (S11E38) HAS UNDERGONE RECONFIGURATION IN ITS SPOT
GROUP AND HAS SHOWN INCREASED INTENSITY FLUCTUATIONS AND SURGE
ACTIVITY. A REPORTED M FLARE OCCURRED IN THIS REGION AT 2003Z.
IT WAS ACCOMPANIED BY SMALL RADIO AND X-RAY BURSTS. ALL
OTHER REGIONS ARE STABLE OR DECLINING.

IB. SOLAR ACTIVITY WILL LIKELY INCREASE SLIGHTLY THE NEXT 24
HOURS AS REGION 287 CONTINUES TO UNDERGO CHANGES.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE AT 1400Z TODAY. IT IS
EXPECTED TO REMAIN SO FOR THE NEXT 48 HOURS, POSSIBLY ATTAINING
MINOR STORM CONDITIONS DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 25 NOV - 27 NOV.

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 24 NOV 89

PREDICTED 25 NOV - 27 NOV 90/90/88

90-DAY MEAN 24 NOV 92

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 23 NOV 05

ESTIMATED AFR/AP 24 NOV 17/20

PREDICTED AFR/AP 25 NOV - 27 NOV 30/42 - 20/24 - 12/13

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HFUS BOU 242200

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