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HOUS 2 BOU 240200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED

AT 240200Z AUG 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 231515.

LOCATIONS VALID AT 24/0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0193 N13W05 343 0010 B 06 10 BETA

0203 N14E78 260 0140 H 02 01 ALPHA

MAGNETIC CLASSIFICATIONS INFERRED AT BOULDER

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

NMBR LOCATION LO

0195 N06W03 341

0197 S08E37 301

0198 N12W15 353

0199 S01W24 002

0201 N10E50 288

0204 S45E10 328 PROBABLE NEW CYCLE REGION

0205 S25W29 007

II. NONE

III. NONE

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HFUS 1 BOU 240600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 236A

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

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL, WITH NO FLARES
REPORTED TODAY.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS EXHIBITED MINOR STORM CHARACTERISTICS
SINCE APPROXIMATELY 24/0200Z. THE FIELD IS EXPECTED TO BE ACTIVE
THROUGHOUT THE FORECAST PERIOD.

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 236B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 24 AUGUST 1973

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL WITH NO FLARES
REPORTED SINCE 21 AUGUST. PLAGE AND MODERATE SURGES HAVE
APPEARED AT N15E90 EAST OF RGN 203

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. MINOR STORM CONDITIONS HAVE EXISTED SO FAR TODAY AND
ACTIVE CONDITIONS ARE EXPECTED DURING SUNLIT HOURS WITH STRONGLY
ACTIVE TO MINOR STORM CONDITIONS DURING LOCAL NIGHT THROUGHOUT
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24-26 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 AUG 80

PREDICTED 24-26 AUG 81/82/82

90-DAY MEAN 23 AUG 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 AUG 10

ESTIMATED 23 AUG 15

PREDICTED 24-26 AUG 36/25/20

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E00US242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 236

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

IA. SOLAR ACTIVITY CONTINUED VERY LOW DURING THE PAST 24 HOURS.
REGION 202 REGENERATED NEAR N09W55 DURING THE PAST 24 HOURS AND
NOW HAS A SMALL A TYPE SPOT GROUP. REGION 193 N13W20 HAS DE-
CLINED IN SPOT AREA BUT IS LITTLE CHANGED OTHERWISE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL DURING THE NEXT
72 HOURS, HOWEVER, CONTINUED DRAMATIC DEVELOPMENT IN REGION 202
COULD ENHANCE THE LEVEL OF FLARE OCCURRENCE.

II. THE GEOMAGNETIC FIELD HAS EXPERIENCED A BORDERLINE MAJOR
STORM SINCE ABOUT 240130 U.T. THE GEOMAGNETIC FIELD IS EXPECTED
TO EXPERIENCE ACTIVE TO MINOR STORM CONDITIONS IN THE NIGHTTIME
SECTORS FOR THE NEXT 24 HOURS. ACTIVE CONDITIONS SHOULD PREVAIL
AT ALL OTHER TIMES FOR THE DURATION OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25 AUG - 27 AUG.

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 24 AUG 84

PREDICTED 25 AUG - 27 AUG 84/84/85

90-DAY MEAN 24 AUG 86

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 23 AUG 17

ESTIMATED 24 AUG 50

PREDICTED 25 AUG - 27 AUG 35/30/22

SOLTERWARN

SPAN

BT