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KBOU

HOUS 2 BOU 230200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED

AT 230200Z AUG 1973

I. REGIONS WITH SUNSPOTS. SUNSPOTS DATA FROM BOULDER TAKEN AT 22/1355
LOCATIONS VALID AT 23/0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0193 N13E08 343 0010 B 08 08 BETA

MAGNETIC CLASSIFICATION INFERRED AT BOULDER

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 23/0000Z.

NMBR LOCATION LO

0197 S06E52 300

0198 N12W02 355

0199 S02W13 003

0202 N08W29 021

NOTE: 0201 WILL BE OLD 176

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

WATCH EAST LIMB NEAR NORTH 15.

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HFUS 1 BOU 230600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 235A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 23 AUGUST 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW.

IB. ACTIVITY WILL REMAIN VERY LOW.

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 231300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 235B

JOINT AFGWC/SEC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 23 AUGUST 1973

IA. SOLAR ACTIVITY CONTINUES TO BE AT A VERY LOW LEVEL, WITH NO SUBFLARES REPORTED IN THE LAST 37 HOURS. THE PROMINENCE AT N29W90 HAS BEEN MILDLY ACTIVE, AND MINOR SURGES ARE REPORTED AT N15E90.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW THROUGHOUT THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS UNSETLED TO MILDLY ACTIVE UNTIL 1020Z WHEN QUIET CONDITIONS COMMENCED. RECURRENT SECTOR STRUCTURE INDICATES STRONGLY UNSETLED TO ACTIVE CONDITIONS ARE LIKELY THROUGH 27 AUG.

III. EVENT PROBABILITIES 23-25 AUGUST

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 AUG 79

PREDICTED 23-25 AUG 80/80/79

90-DAY MEAN 22 AUG 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 AUG 06

ESTIMATED 22 AUG 08

PREDICTED 23-25 AUG 20/20/20

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NFUS BOU 232200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 235
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 AUGUST 1973

IA. WITH THE EXCEPTION OF OCCASIONAL SMALL LIMB ACTIVITY NEAR
NE 15-30, THE DISK HAS BEEN QUIET. THIS LIMB ACTIVITY WAS
ASSOCIATED WITH LIMB TRANSIT OF RGN 203 WHICH AT PRESENT
APPEARS TO BE A SIMPLE "H" TYPE SPOT. RGN 193 HAS NOT CHANGED
MUCH DURING THE PAST 24 HOURS ALTHOUGH TWO SMALL ADDITIONAL
SPOTS DID DEVELOP IN THE GROUP. A SMALL PLAGE NEAR S45E10
MAY VERY WELL BE THE FIRST RGN OF THE NEW CYCLE.

IB. SOLAR ACTIVITY WILL REMAIN LOW DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS UNSETTLED TO SLIGHTLY ACTIVE
AND IS NOT EXPECTED TO CHANGE MUCH FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 24-26 AUGUST

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 20/20/20

SOLTERWARN

SPAN

BT