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HOUS 2 BOU 040200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED
AT 040200Z AUGUST 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM RAMEY TAKEN
AT 031110. LOCATIONS VALID AT 04 AUGUST 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0177 S04W50 293 0030 H 02 03 ALPHA

0183 S11E45 198 0060 H 02 01 ALPHA

0185 N07E27 216 ---- B -- -- --

MAGNETIC CLASSIFICATIONS INFERRED AT RAMEY. REGION 0185
ADDED BY HOUSTON.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 040000Z

NMBR LOCATION LO

0176 N21W28 271

0180 S12W39 282

0184 N13E01 242

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

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HFUS 1 BOU 040600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 216A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 04 AUGUST 1973
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
IB. NO MAJOR ACTIVITY IS EXPECTED.
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET.
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
SPAN
BT

HFUS 1 BOU 041300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 216B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 04 AUG 1973

IA. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL. RGN 185
(N10E20) HAS GROWN TO A C TYPE SPOT GROUP AND CONTAINS AN ARCH
FILAMENT SYSTEM.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGHOUT THE
FORECAST PERIOD. SUBFLARE ACTIVITY IS LIKELY IN RGN 185 IF GROWTH
CONTINUES.

III. THE GEOMAGNETIC FIELD HAS BEEN QUIET. UNSETTLED CONDITIONS
ARE EXPECTED TO COMMENCE LATER TODAY.

III. EVENT PROBABILITIES 04 AUG - 06 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 03 AUG 83

PREDICTED 04-06 AUG 82/82/83

90-DAY MEAN 03 AUG 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 AUG 20

ESTIMATED 03 AUG 05

PREDICTED 04-06 AUG 08/10/10

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HFUS BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 216

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 AUGUST 1973

IA. WITH ONLY MINOR ACTIVITY REPORTED, SOLAR ACTIVITY REMAINS VERY LOW. REGION 185 (N06E15) HAS GROWN IN BOTH WHITE LIGHT AND H-ALPHA. ARCH FILAMENTS ARE NOW VISIBLE THERE. REGION 177 (S05W61) HAS GENERATED DARK SURGE ACTIVITY TODAY, BUT OTHERWISE HAS BEEN QUIET. REGION 183 (S09E34) HAS BEEN STABLE. THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW, WITH ONLY NON-ENERGETIC SUBFLARES EXPECTED. ACTIVITY COULD INCREASE IF REGION 185 CONTINUES TO DEVELOP.

II. UNSETLED CONDITIONS HAVE PREVAILED IN THE GEOMAGNETIC FIELD, AND SHOULD CONTINUE FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 05-07 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 AUG 84

PREDICTED 05-07 AUG 84/84/85

90-DAY MEAN 04 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 AUG 09

ESTIMATED 04 AUG 09

PREDICTED 05-07 AUG 10/10/09

SOLIERWARN

SPAN

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