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HOUS 2 BOU 210200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
210200 AUG 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
202235Z. LOCATIONS VALID AT 210000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0193 N13E33 345 0010 B 06 07 BETA

0199 S00E15 003 0010 A 00 01 ALPHA

MAGNETIC CLASSIFICATION INFERRED AT BOULDER.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 210000Z.

NMBR LOCATION LO COMMENT

0195 N07E36 342

0196 N12W43 061

0197 S04E85 293 RETURN OF 177

0198 N11E23 355

II. NONE

III. NONE

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HFUS 1 BOU 210600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 233A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 AUGUST 1973

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL DURING THE PAST 8 HOURS.
REGION 199 (S00E12) WHICH WAS FIRST OBSERVED 20/2300Z HAS NOT SHOWN
ANY GROWTH OR DEVELOPMENT.

IB. THE REGIONS ARE ALL STABLE AND THE LIMBS ARE QUIET AND NO MAJOR
ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO RE-
MAIN UNSETTLED FOR THE NEXT 3-4 DAYS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 211340

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 233B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 21 AUGUST 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. SEVERAL SMALL BIPOLAR
PLAGE AREAS HAVE APPEARED ON THE DISK BUT NONE CAN BE DESCRIBED
AS DYNAMIC.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THROUGH THE FORECAST
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE 20/1530Z.
THE FIELD IS EXPECTED TO BECOME UNSETTLED EARLY IN THE FORECAST
PERIOD AND ACTIVE LATE IN THE PERIOD.

III. EVENT PROBABILITIES 21 AUG - 23 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 AUG 77

PREDICTED 21-23 AUG 78/80/81

90-DAY MEAN 20 AUG 87

V. GEOMAGNETIC A-INDICES

OBSERVED FREDERICKSBURG 19 AUG 06

ESTIMATED 20 AUG 12

PREDICTED 21-23 AUG 08/12/20

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HFUS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 233

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 AUGUST 1973.

IA. NO FLARES OBSERVED DURING THE PAST 24 HOURS. REGION 193
(N13E21) IS THE ONLY VISIBLE REGION WITH SUNSPOTS. AN ERUPTIVE
PROMINENCE ON THE EAST LIMB NEAR N20 AT 21/1300Z PRODUCED IN-
TENSITY 2 TYPE IV EMISSION AT 20-50 MHZ FROM 21/1435-1630Z.
ASSOCIATED CENTIMETRIC RADIO AND X-RAY EMISSIONS WERE VERY SMALL.
THIS EVENT CAME FROM THE GENERAL AREA OF OLD REGION 176 WHICH IS
DUE TO RETURN ON 22 AUGUST.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW. ACTIVITY
COULD INCREASE IF SIGNIFICANT SPOT DEVELOPMENT HAS OCCURRED IN
REGION 176. SUCH DEVELOPMENT IS CONSIDERED HIGHLY UNLIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. UNSETTLED TO ACTIVE
CONDITIONS ARE EXPECTED TO BEGIN WITHIN 24 HOURS.

III. EVENT PROBABILITIES 22 AUG - 24 AUG.

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 21 AUG 80

PREDICTED 22 AUG - 24 AUG 82/83/85

90-DAY MEAN 21 AUG 86

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 20 AUG 08

ESTIMATED 21 AUG 05

PREDICTED 22 AUG - 24 AUG 12/20/20

SOLTERWARN

SPAN

BT