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HOUS 2 BOU 250200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED

AT 250200Z AUG 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 251420Z

LOCATION VALID AT 25/0000Z.

NUMBER LOCATION LO AREA Z LL NN MAG TYPE

0193 N13W20 345 0000 B 06 02 BETA

0202 N09W55 020 0010 A 01 06 ALPHA

0203 N14E68 257 0120 H 02 01 ALPHA

MAGNETIC CLASS INFERRED AT BOULDER

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 25/0000Z.

NUMBER LOCATION LO

0195 N05W16 341

0197 S05E26 299

0198 N11W29 354

0199 S09W37 002

0201 N12E42 283

0204 S45E01 324

0205 S15W42 007

0206 N15E83 242

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS

NONE

III. AREAS OF SPECIAL INTEREST

NONE

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HFUS 1 BOU 250600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 237A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 25 AUG 1973

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST
EIGHT HOURS. THE REGION 193(N12W24) IS SHOWING SOME GROWTH
AND DEVELOPMENT.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT EIGHT HOURS.

II. THE GEOMAGNETIC STORM CONTINUES AT MINOR STORM LEVEL.
THE DISTURBANCE IS EXPECTED TO CONTINUE DURING THE NEXT 8 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 237B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 25 AUGUST 1973.

IA. SOLAR ACTIVITY IS STILL AT A VERY LOW LEVEL BUT IS
INCREASING WITH THE GROWTH OF RGN 193 (N13W27). RGN 202
(N09W62) IS STABLE AT THIS TIME.

IB. SOLAR ACTIVITY WILL BE VERY LOW, BUT GROWING COMPLEXITY
IN THE LEADER OF RGN 193 IS A PROBABLE SOURCE OF RENEWED
FLARE PRODUCTION.

II. GEOMAGNETIC STORM CONDITIONS HAVE PREVAILED DURING LOCAL
NIGHT TODAY. ACTIVE TO MINOR STORM CONDITIONS WILL CONTINUE
THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25 - 27 AUG.

CLASS M 05/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 24 AUG 84

PREDICTED 25 - 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 - 27 AUG 35/30/22

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HFUS BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 237

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL
ACTIVITY ISSUED 2200Z 25 AUGUST 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH THREE SUBFLARES
REPORTED IN THE LAST 24 HOURS. TWO OF THESE, AT 1310Z AND
1744Z, WERE ACCOMPANIED BY MINOR X-RAY BURSTS. ALL WERE IN
REGION 193 (N12W33) WHICH HAS SHOWN SIGNIFICANT DEVELOPMENT
NEAR THE ISOLATED POLE IN THE LEADING PORTION. ALL OTHER
REGIONS ARE STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY WITH THE
DEVELOPMENT OF REGION 193 AND THE RETURN OF REGIONS
183 (S09), 184 (N13) AND 185 (N06) DURING THIS PERIOD.

II. MINOR STORM CONDITIONS HAVE EXISTED THE PAST 24 HOURS IN
THE GEOMAGNETIC FIELD. IT IS EXPECTED TO SLOWLY DECREASE TO
ACTIVE OR UNSETTLED THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 26-28 AUGUST

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 25 AUGUST 87

PREDICTED 26-28 AUGUST 88/89/90

90-DAY MEAN 25 AUGUST 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 AUGUST 44

ESTIMATED 25 AUGUST 30

PREDICTED 26-28 AUGUST 25/20/15

SOLTERWARN

SPAN

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