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HOUS 2 BOU 060200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
06/0200Z OCT 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
05/1630Z. LOCATIONS VALID AT 06 OCT 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0241 N21W67 198 0070 H 02 01 ALPHA

0245 S16W67 198 0040 B 10 07 BETA

0247 S16W41 172 0010 A 01 01 ALPHA

0248 N12W37 168 0130 H 02 01 ALPHA

0252 S16W37 168 0010 B 02 03 BETA

0253 S12W17 148 0010 A 01 01 ALPHA

MAGNETIC CLASSIFICATIONS INFERRED AT BOULDER.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 06 OCT 0000Z.

NONE.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

245 IF 05/0335Z - 0421Z -

247 IN 05/1907Z 1919Z 2001Z -

II. AREAS OF SPECIAL INTEREST-

NONE.

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HFUS 1 BOU 060600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 279A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 06 OCTOBER 1973

IA. SEVERAL SMALL NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED FROM
REGION 247 (S16W41). ALL OTHER REGIONS APPEAR STABLE AND QUIET.

IB. NO MAJOR ACTIVITY IS EXPECTED. MORE SUBFLARES FROM REGION 247
AND REGION 245 (S16W67) CAN BE EXPECTED.

II. THE GEOMAGNETIC FIELD IS IN AN UNSETTLED CONDITION BUT NO MAJOR
ACTIVITY IS EXPECTED.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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NFUS 1 BOU 061300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 179B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 06 OCT 1973

IA. RGN 247 (S16W47) PRODUCED AN IMP 1, TRIPLE MAXIMUM FLARE AT 0254Z THAT LASTED FOR 1 HOUR AND 53 MINS. THE FLARE WAS COMPOSED OF BOTH RIBBONS AND POINTS ON BOTH SIDES OF THE NEUTRAL LINE. POST FLARE APPEARANCE OF RGN 247 IS DESCRIBED AS BEING RELATIVELY DIM AND QUIET. THE OTHER VISIBLE FEATURES HAVE SHOWN LITTLE OR NO CHANGE DURING THE PAST 8 HOURS.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL DURING THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS UNSETTLED AND SHOULD REMAIN SO FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 06-08 OCT
CLASS M 25/25/20
CLASS X 05/05/03
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 OCT 92
PREDICTED 06-08 OCT 89/86/84
90-DAY MEAN 05 OCT 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 OCT 09
ESTIMATED 05 OCT 04
PREDICTED 06-08 OCT 15/12/09

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 279

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 OCTOBER 1973.

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL THE PAST 24 HOURS. REGION 247 (S16W53), NOW SPOTLESS, HAS GENERATED TWO C-5 X-RAY FLARES. THESE OCCURRED AT 0147Z AND 0349Z. THIS REGION HAS BEEN QUIET SINCE THE LATTER EVENT. THE ONLY OTHER FLARE ACTIVITY HAS BEEN FROM REGION 245 (S16W79), WHERE A SUB-NORMAL WAS OBSERVED AT 1059Z. ARCH-FILAMENTS HAVE BEEN NOTED IN REGION 253 (S09W28), BUT JUST ONE SPOT IS VISIBLE THERE. THE GENERAL CONDITION PREVALENT ON THE DISK IS DECLINE. THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVTIY WILL REMAIN VERY LOW, AS ONLY INFREQUENT C CLASS FLARES ARE ANTICIPATED.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TO 1200Z TODAY, AND HAS BEEN QUIET SINCE THAT TIME. QUIET CONDITIONS SHOULD PREVAIL FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 07 OCT - 09 OCT.

CLASS M 20/15/10

CLASS X 02/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 06 OCT 86

PREDICTED 07 OCT - 09 OCT 83/81/80

90-DAY MEAN 06 OCT 91

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 05 OCT 06

ESTIMATED 06 OCT 07

PREDICTED 07 OCT - 09 OCT 06/05/04

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HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 279

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OBSERVED FREDERICKSBURG 05 OCT 06

ESTIMATED 06 OCT 07

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