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HOUS 2 BOU 060200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 060200Z JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
05/2030Z. LOCATIONS VALID AT 06 JULY 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0158 N12W05 271 0380 C 08 26 BETA

0159 S06W11 277 0040 B 08 29 BETA

0162 N02E18 248 0010 B 01 04 BETA

NOTE: MAGNETIC CLASSIFICATIONS FROM MT WILSON

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

NMBR LOCATION LO

0157 S08W18 284

0160 S17E72 194

0161 N18E61 205 OLD REGION 131

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

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HFUS 1 BOU 060600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 187A

JOINT AFGWC/SESC SECONDAY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 06 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST EIGHT HOURS.

IMPORTANCE OF FLARES HAVE BEEN OBSERVED IN REGION 159(S06W14).

REGIONS 158(N12W08) AND 162(N02E15) HAVE PRODUCED NO FLARES.

REGION 162 CONTINUES TO GROW SLOWLY.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO BECOME
UNSETTLED WITHIN THE NEXT 24 HOURS AND ACTIVE IN 24-48 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 061300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 187B

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 12 HOURS
WITH FIVE C-CLASS SUBFLARES REPORTED. REGION 159(S06W18) HAS BEEN
THE MOST ACTIVE, ALTHOUGH REGION 162(N02E11) IS NOW BRIGHTER IN
H-ALPHA AND HAS BEGUN PRODUCING SUBFLARES.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW FOR THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET. A RECURRENT DIS-
TURBANCE IS EXPECTED TO CAUSE UNSETTLED CONDITIONS WITHIN THE
NEXT 24 HOURS AND ACTIVE CONDITIONS WITHIN 48 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 187

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. RGN 158 (N13W16) HAS
DECAYED IN WHITE LIGHT AND H-ALPHA. RGN 159 (S05W20) HAS SHOWN
MODERATE GROWTH AND HAS PRODUCED A FEW NON-ENERGETIC SUBFLARES. RECENT
ACTIVITY HAS BEEN CONCENTRATED IN RGN 162 (N03E05) WHICH HAS
GROWN RAPIDLY SINCE ITS EMERGENCE YESTERDAY TO A D-TYPE SPOT
GROUP. THIS REGION HAS PRODUCED SEVERAL MINOR CLASS C X-RAY FLARES.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. RGN 159 APPEARS
CAPABLE OF LOW CLASS M ACTIVITY, AND IF GROWTH CONTINUES IN
RGN 162 IT COULD PRODUCE A MILDLY ENERGETIC EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TODAY. THE APPEARANCE
OF A RECURRENT ACTIVE PERIOD IS EXPECTED 07-11 JULY.

III. EVENT PROBABILITIES 07-09 JUL

CLASS M 50/50/50

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 JUL 96

PREDICTED 07-09 JUL 98/97/97

90-DAY MEAN 06 JUL 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 JUL 04

ESTIMATED 06 JUL 04

PREDICTED 07-09 JUL 15/22/25

SOLTERWARN

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