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KBOU

HOUS 2 BOU 070200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT 070200Z  
JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 06/1645.  
LOCATIONS VALID AT 07 JULY 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0158 N13W17 270 0380 C 08 14 BETA

0159 S05W21 274 0060 D 07 22 BETA

0162 N03E04 249 0030 C 05 16 BETA

IA. H-ALPHA PLATES WITHOUT SPOTS. LOCATIONS VALID AT 07 JULY 0000Z.

NMBR LOCATION LO

0160 S17E57 201

0161 N18E47 211

0163 N01W25 283

II. NONE.

III. AREAS OF SPECIAL INTEREST-

RAPID GROWTH OF RGN 162.

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HFUS 1 BOU 070601

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 188A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 07 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.

IB. NO MAJOR ACTIVITY IS EXPECTED BUT A FEW CLASS C FLARES ARE  
EXPECTED.

II. THE GEOMAGNETIC FIELD REMAINS QUIET BUT MINOR DISTURBANCE IS  
EXPECTED.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 071300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 188B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 07 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 12 HOURS WITH SIX C-CLASS SUBFLARES REPORTED. REGION 158(N13W24), REGION 159(S05W28) AND REGION 162(N03W03) ALL APPEAR STABLE TO DECLINING AND EACH REGION IS PRODUCING OCCASIONAL NON-ENERGETIC SUBFLARES.

IB. THERE IS SOME CHANCE OF ISOLATED SMALL M-CLASS FLARES FROM THESE REGIONS, BUT LARGE ENERGETIC FLARES ARE NOT EXPECTED.

II. GEOMAGNETIC ACTIVITY CONTINUES VERY LOW. HOWEVER, A RECURRENT MAGNETIC DISTURBANCE IS EXPECTED WITHIN THE NEXT 24 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 072200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 188  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 07 JUL 1973

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL. MOST SUBFLARE ACTIVITY HAS BEEN IN RGN 162 (N01W07), AND GROWTH CONTINUES HERE AT A MUCH SLOWER RATE. TWO LOW CLASS C X-RAY EVENTS HAVE BEEN REPORTED HERE IN THE PAST 24 HOURS. RGNS 158 (N12W25) AND 159 (S06W29) HAVE DECLINED CONSIDERABLY IN H-ALPHA AND WHITE LIGHT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. RGN 162 HAS POTENTIAL FOR LOW CLASS M X-RAYS, BUT DOES NOT APPEAR CAPABLE OF STRONGLY ENERGETIC ACTIVITY. OLD RGN 137 IS DUE BACK AT N12, BUT IT WAS DECLINING AT WEST LIMB PASSAGE ON 25 JUNE AND OSO-7 DATA DOES NOT INDICATE A STRONG RETURNING REGION ON THE NE LIMB.

II. THE GEOMAGNETIC FIELD WAS QUIET FOR THE THIRD STRAIGHT DAY, AND MINOR RECURRENT ACTIVITY IS EXPECTED TO BEGIN ANY TIME.

III. EVENT PROBABILITIES 08-10 JUL

CLASS M 50/50/50  
CLASS X 03/03/03  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JUL 97  
PREDICTED 08-10 JUL 97/97/96  
90-DAY MEAN 07 JUL 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 JUL 03  
ESTIMATED 07 JUL 05  
PREDICTED 08-10 JUL 15/23/20

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