

NNNN

KBOU

HOUS 2 BOU 190200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 19/0200Z JULY 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM RAMEY TAKEN  
AT 18/1220Z. LOCATIONS VALID AT 19 JULY 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0171 S05W17 111 0010 C 04 09 BETA

0172 S11W55 149 0000 A 02 00 ALPHA

0173 N19E36 058 0000 B 05 02 BETA

0174 N14W60 154 0000 B 02 02 BETA

NOTE: MAGNETIC CLASSIFICATIONS FROM MT WILSON

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

NONE

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

SPAN

BT

HFUS 1 BOU 190600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 200A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 19 JULY 1973  
IA. SOLAR ACTIVITY REMAINS LOW, WITH NO SIGNIFICANT CHANGE SINCE  
18/2200Z. ONLY REGION 174(N14W63) SHOWS GROWTH.  
IB. ONLY MINOR ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.  
REGION 174 SHOWS SOME POTENTIAL FOR INCREASE IN COMPLEXITY.  
II. THE GEOMAGNETIC FIELD IS QUIET BUT MAY BECOME UNSETTLED  
TO SLIGHTLY ACTIVE ON 21 JULY.  
III. NO CHANGE  
IV. NO CHANGE  
V. NO CHANGE  
SOLTERWARN  
SPAN  
BT

HFUS 1 BOU 191300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 200B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 19/1300Z JULY 1973.

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY TWO SUBFLARES REPORT-  
ED IN THE LAST 24 HOURS, AND NONE YET TODAY. REGION 174(N14W66)  
IS NOW STABLE. ALL OTHER REGIONS ARE DECLINING.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, BUT MAY BECOME UNSETTLED  
TO ACTIVE BY 21 JULY.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 200

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 19 JULY 1973.

IA. SOLAR ACTIVITY REMAINS VERY LOW. ONLY TWO SMALL SUBFLARES  
HAVE BEEN REPORTED DURING THE PAST 24 HOURS. REGION 174 (N14W72)  
NOW APPEARS TO HAVE STABILIZED. OTHER REGIONS ARE ALL DECLINING.

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

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL 190900Z WHEN IT BECAME  
ACTIVE. THE FIELD IS PRESENTLY QUIET. THE FIELD SHOULD BE  
GENERALLY QUIET THROUGH THE FORECAST PERIOD ALTHOUGH FOR SHORT  
INTERVALS IT MAY BECOME UNSETTLED TO SLIGHTLY ACTIVE.

III. EVENT PROBABILITIES 20 JUL - 22 JUL.

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 19 JUL 079

PREDICTED 20 JUL - 22 JUL 077/075/075

90-DAY MEAN 19 JUL 094

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 18 JUL 07

ESTIMATED 19 JUL 12

PREDICTED 20 JUL - 22 JUL 14/11/08

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SPAN

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