

NNNN

KBOU

HOUS 2 BOU 200200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 20/0200Z JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM RAMEY TAKEN AT 19/1255Z.  
LOCATIONS VALID AT 20 JULY 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0171 S04W29 110 0000 A 01 02 ALPHA

0174 N14W73 154 0010 B 04 05 BETA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 20 JULY 0000Z

NMBR LOCATION LO

0172 S13W65 146

0173 N17E23 058

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 200600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 201A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 20 JULY 1973  
IA. SOLAR ACTIVITY CONTINUES LOW, WITH ALL REGIONS DECLINING.  
IB. SOLAR ACTIVITY WILL REMAIN LOW.  
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE FIELD MAY BECOME  
UNSETTLED TO SLIGHTLY ACTIVE DURING THE FORCAST PERIOD.  
III. NO CHANGE  
IV. NO CHANGE  
V. NO CHANGE  
SOLTERWARN  
SPAN  
BT

HFUS: 1 BOU 201300  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 201B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 20 JULY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. A ZERO-FAINT FLARE OCCURRED IN REGION 171(S04W35) AT 200/2203Z, AND A ZERO-FAINT FLARE OCCURRED IN REGION 173(N17E17) AT 201/0029Z. REGION 173 CONTAINS AN ACTIVE FILAMENT BUT IS RELATIVELY UNIMPRESSIVE IN OTHER RESPECTS. A LARGE, SLIGHTLY ACTIVE PROMINENCE IS LOCATED AT N09E90. FOR SEVERAL HOURS NO SUNSPOTS HAVE BEEN SEEN ON THE DISK, AND ALL REGIONS CONTINUE TO DECLINE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS REMAINED QUIET TO UNSETTLED DURING THE PAST 24 HOURS. UNSETTLED OR SLIGHTLY ACTIVE CONDITIONS ARE EXPECTED DURING THE FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

HFUS BOU 202200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 201  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 20 JUL 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. ONLY THREE SMALL SUBFLARES HAVE BEEN OBSERVED IN THE PAST 24 HOURS. ALL FOUR REGIONS ON THE DISK HAVE DECLINED IN WHITE LIGHT AND H-ALPHA. NO SUNSPOTS ARE VISIBLE AT PRESENT.

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

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED FOR THE PAST 24 HOURS. THE FIELD IS EXPECTED TO GRADUALLY BECOME QUIET DURING THE FORECAST PERIOD AND TO REMAIN QUIET THROUGH THE DURATION OF THE PERIOD.

III. EVENT PROBABILITIES 21 JUL -23 JUL

CLASS M 05/05/05  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 20 JULY 077  
PREDICTED 21-23 JULY 075/075/075  
90-DAY MEAN 20 JULY 094

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 JULY 11  
ESTIMATED 20 JULY 11  
PREDICTED 21-23 JULY 11/08/05

SOLTERWARN  
SPAN  
BT