

NNNN

KBOU

HOUS 2 BOU 240200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
24/0200Z JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
23/2300Z. LOCATIONS VALID AT 24 JULY 0000Z.
NO SPOTS VISIBLE.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 24 JULY 0000Z

NMBR LOCATION LO

171 S04W86 114

173 N17W32 052

175 N10E14 014

II. NONE.

III. AREAS OF SPECIAL INTEREST-

A POTENTIALLY ACTIVE REGION IS BELIEVED TO EXIST BEHIND THE LIMB
NEAR NE15.

SOLTERWARN

SPAN

BT

HFUS 1 BOU 240600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 205A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 24 JULY 1973
IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL.
IB. NO MAJOR ACTIVITY IS EXPECTED.
II. THE GEOMAGNETIC FIELD IS IN AN UNSETTLED CONDITION.
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
SPAN
BT

HFUS 1 BOU 241300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 205B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 24 JULY 1973
IA. SOLAR ACTIVITY HAS CONTINUED TO BE VERY LOW.
IB. NO CHANGE
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET.
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
SPAN
BT

HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 205

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 JULY 1973

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 24 HOURS, AND NO FLARES HAVE BEEN REPORTED. REGION 175 (N09W00) HAS STOPPED DEVELOPING AND CONTAINS ONLY AN UNIMPRESSIVE BIPOLAR SPOT GROUP. NO OTHER SPOT GROUPS ARE VISIBLE ON THE DISK. MAP DATA AT 8-15 ANGSTROMS AND 9 CM SUGGEST THAT A POTENTIALLY ACTIVE REGION EXISTS BEHIND THE EAST LIMB NEAR NE12, WHERE OLD REGION 158 IS DUE TO RETURN DURING THE NEXT 24 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL. THE REGION BEHIND THE NORTHEAST LIMB MAY PRODUCE SPORADIC ACTIVITY, BUT LACK OF VISUAL DATA PREVENTS AN ACCURATE FORECAST ON THIS REGION.

II. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 24 HOURS. UNSETTLED CONDITIONS ARE EXPECTED DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 25 JULY -27 JULY

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JULY 79

PREDICTED 25 JULY - 27 JULY 80/81/83

90-DAY MEAN 24 JULY 93

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JULY 13

ESTIMATED 24 JULY 04

PREDICTED 25-27 JULY 12/15/15

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