

KBOU

HOUS 2 BOU 190200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
190200Z AUGUST 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
182115Z. LOCATIONS VALID AT 190000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0193 N12E57 345 0000 A 00 01 ALPHA

MAGNETIC CLASSIFICATION FROM MT. WILSON.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 190000Z.

NMBR LOCATION LO

192 N17W37 081

194 N22E16 028

II. NONE.

III. NONE.

SOLTERWARN

SPAN

NNNN

KBOU

HFUS 1 BOU 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 231A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 19 AUGUST 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO NEW REGIONS HAVE BEEN OBSERVED. THE LIMBS ARE BOTH QUIET.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS REMAINED QUIET.

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 231B

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

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO FLARE ACTIVITY NOTED TODAY. A NEW REGION, 196 (N14W21), HAS FORMED IN THE PAST SIX HOURS. NO SPOTS ARE YET VISIBLE THERE HOWEVER.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT SHOULD BE QUIET TO UNSETTLED THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19-21 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 18 AUG 73

PREDICTED 19-21 AUG 74/75/76

90-DAY MEAN 18 AUG 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 AUG 01

ESTIMATED 18 AUG 04

PREDICTED 19-21 AUG 05/07/10

SOLTERWARN

SPAN

BT

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KBOU

HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 231

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

IA. NO SOLAR FLARES OBSERVED WITHIN THE PAST 24 HOURS. THREE
SMALL H-ALPHA PLAGES ARE VISIBLE. REGION 193 (N13E45) CONTAINS
A SMALL BIPOLE SUNSPOT GROUP AND IS STABLE. REGION 195 (N07E50)
IS A SMALL STABLE PLAGE WITH NO SPOTS. REGION 196 (N12W29) IS A
SMALL PLAGE WHICH HAS DEVELOPED WITHIN THE LAST 24 HOURS. IT
CONTAINS NO SPOTS AND APPEARS TO HAVE STABILIZED. OTHERWISE,
EXCEPT FOR A FEW FILAMENT FRAGMENTS, THE VISIBLE DISK IS BARREN.
THE EAST LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY WILL BE VERY LOW FOR THE NEXT 72 HOURS. OLD
REGION 177 (S05) MAY RETURN 20 AUGUST AND 176 (N15) MAY RETURN
22 AUGUST.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO UNSETTLED
CONDITIONS ARE EXPECTED THROUGH 21 AUGUST WITH UNSETTLED TO ACTIVE
CONDITIONS ON 22 AUGUST.

III. EVENT PROBABILITIES 20-22 AUGUST

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 AUG 74

PREDICTED 20-22 AUG 75/77/78

90-DAY MEAN 19 AUG 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 AUG 04

ESTIMATED 19 AUG 05

PREDICTED 20-22 AUG 07/10/15

SOLTERWARN

SPAN

BT