

HOUS 2 BOU 170200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
170200Z AUG 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
161800Z.

LOCATIONS VALID AT 17 AUG 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0192 N18W11 085 0000 A 00 01 ALPHA

NOTE: MAGNETIC CLASS FROM MT WILSON

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 17 AUG 0000Z.

NMBR LOCATION LO

0191 N15E10 064

0186 S07W82 153

II. NONE

III. NONE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 170600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 229A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 17 AUG 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED IN
THE PAST 84 HOURS. REGION 192 (N18W14) REMAINS SMALL AND INACTIVE.
MINOR SURGING AND EUV ENHANCEMENT AT N13E90 SUGGEST THAT NEW ACTIVITY
IS ARRIVING OVER EAST LIMB.

I. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 171300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 229B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 17 AUG 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 193(N11E80) HAS GENERATED
MINOR SURGE ACTIVITY TODAY, BUT EXTENSIVE ANALYSIS IS NOT YET
POSSIBLE DUE TO LIMB PROXIMITY. THE REMAINDER OF THE DISK AND THE
LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, AND SHOULD REMAIN SO
THROUGH 19 AUGUST.

III. EVENT PROBABILITIES 17 - 19 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 AUG 72

PREDICTED 17-19 AUG 73/74/75

90-DAY MEAN 16 AUG 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 AUG 05

ESTIMATED 16 AUG 03

PREDICTED 17-19 AUG 05/05/05

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 229

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 AUGUST 1973.

IA. SOLAR ACTIVITY HAS BEEN LOW WITH TWO SMALL NON-ENERGETIC
SUBFLARES REPORTED IN THE LAST 24 HOURS. A NEW REGION, 193
(N14E80), HAS ROTATED ONTO THE DISK BUT APPEARS SMALL AND INACTIVE.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW FOR THE NEXT 72 HOURS.

OLD REGION 177 (S05) IS DUE BACK ON 20 AUGUST, BUT IT WAS INACTIVE
WHEN LAST OBSERVED ON 06 AUGUST.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE LAST 24 HOURS AND
IS EXPECTED TO REMAIN SO FOR THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 18 AUG - 20 AUG.

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 17 AUG 73

PREDICTED 18 AUG 20 AUG 74/75/77

90-DAY MEAN 17 AUG 87

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 16 AUG 03

ESTIMATED 17 AUG 03

PREDICTED 18 AUG - 20 AUG 05/05/05

SOLTERWARN

SPAN

BT