

KBOU

HOUS 2 BOU 300200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED

AT 300200 AUG 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 29/1410Z

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0203 N15E06 253 0090 C 12 03 BETA

0208 N03W11 270 0030 B 09 30 BETA

0209 S15E67 192 0340 E 11 25 BETA-GAMMA

0211 S13E15 244 0010 B 03 02 BETA

MAGNETIC CLASSIFICATIONS INFERRED AT BOULDER

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 30/0000Z

NMBR LOCATION LO

0193 N13W90 349

0201 N13W21 280

0207 N05E30 229

0210 N23E59 200

II. NONE

III. AREAS OF SPECIAL INTEREST:

RGN 209, 208, 207

SOLTERWARN

SPAN

BT

HFUS 1 BOU 300600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 242A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 30 AUG 1973

IA. SOLAR ACTIVITY HAS BEEN LOW, WITH ONLY OCCASIONAL NON-ENERGETIC
SUBFLARES REPORTED. REGION 211(S13E12) IS SMALL BUT CONTINUING
ITS SLOW GROWTH, AND IT PRODUCED A SUB-NORMAL FLARE AT 0219Z.
OTHER REGIONS HAVE SHOWN NO SIGNIFICANT CHANGES AND ARE PRESENTLY
STABLE.

IB. SEVERAL SUB-FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.
WITHOUT SOME INTENSIFICATION OR EVOLUTION OF THE LARGER REGIONS
ON THE DISK, THE CHANCE FOR ENERGETIC FLARE ACTIVITY IS LOW.

II. THE GEOMAGNETIC FIELD REMAINS ACTIVE, BUT SEEMS TO BE LESS
DISTURBED THAN DURING THE PRECEEDING PORTIONS OF THE RECURRENT
DISTURBANCE OF THE PAST FEW DAYS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS BOU 301300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 242B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 30 AUGUST 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A NEW ACTIVE REGION (NO.212)
IS NOW ON THE DISK AT N15E88. AN EPL WAS REPORTED IN THIS REGION AT
0439Z. THIS REGION HAS BEEN A SOURCE OF DEKAMETRIC TYPE III RADIO
EMISSION. ACTIVE REGION 208 HAS BEEN FLUCTUATING, AND A SMALL
FLARE AT 1100Z WAS ASSOCIATED WITH FILAMENT ACTIVATION.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. IT IS EXPECTED TO
BECOME QUIET DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 30 AUG -01 SEPT.

CLASS M 20/25/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 AUG 99

PREDICTED 30 AUG -01 SEPT 101/103/105

90-DAY MEAN 29 AUG 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 AUG 23

ESTIMATED 29 AUG 19

PREDICTED 30 AUG -01 SEPT 15/10/10

SOLTERWARN

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 242

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 AUGUST 1973.

IA. SEVERAL SMALL FLARES HAVE BEEN REPORTED DURING THE PAST 24 HOURS BUT IN GENERAL, SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. REGION 209 (S15E57) HAS DOMINATED SUBFLARE ACTIVITY AND HAS CONTINUED SPOT GROWTH. MODERATE PROMINENCE ACTIVITY HAS BEEN ASSOCIATED WITH THE EAST LIMB TRANSIT OF NEW REGION 212 AT N14. A LARGE SPOT AND POSSIBLE SMALLER SPOTS ARE VISIBLE HERE. THIS WAS A REGION OF STRONG ACTIVITY FROM MARCH - JUNE 1973, BUT WAS SPOTLESS FROM ITS WEST LIMB TRANSIT AS REGION 137 ON 23 JUNE UNTIL THE PRESENT. A NEW BIPOLAR PLAGE WITH A SMALL SPOT HAS EMERGED AT N06W02 AS REGION 213.

IB. ACTIVITY IS EXPECTED TO BE VERY LOW, BUT COULD INCREASE TO A LOW TO MODERATE LEVEL WITHIN THE NEXT 72 HOURS WITH FURTHER DEVELOPMENT IN REGIONS 209 AND 212. THE LOCATION OF 212 WITHIN OLD MAGNETIC FIELDS IMPLIES COMPLEXITY, BUT LIMB PROXIMITY PREVENTS ACCURATE ANALYSIS.

II. THE RECURRENT MAGNETIC DISTURBANCE WHICH BEGAN 23 AUGUST APPEARS TO HAVE ENDED. ACTIVE CONDITIONS PERSISTED UNTIL 1200Z TODAY, WITH QUIET CONDITIONS SINCE THAT TIME. MILDLY UNSETTLED TO QUIET CONDITIONS ARE EXPECTED THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 31 AUG - 02 SEP.

CLASS M 25/25/30

CLASS X 05/05/10

PROTON 01/01/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 30 AUG 99

PREDICTED 31 AUG - 02 SEP 101/102/103

90-DAY MEAN 30 AUG 86

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 29 AUG 23

ESTIMATED 30 AUG 11

PREDICTED 31 AUG - 02 SEP 10/08/05

SOLTERWARN

SPAN

BT

What a bunch of Commie propaganda