

NNNN

KBOU

HOUS 2 BOU 050200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
050200 AUG 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
041600Z. LOCATIONS VALID AT 05 AUG 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0177 S05W62 292 0040 H 01 02 ALPHA

0183 S09E33 196 0060 H 01 04 ALPHA

0185 N06E14 215 0035 B 05 11 BETA

MAGNETIC CLASSIFICATIONS INFERRED AT BOULDER.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 050000Z.

NMBR LOCATION LO

0176 N21W41 271

0180 S12W52 282

II. NONE.

III. AREAS OF SPECIAL INTEREST-

WATCH REGION 185.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 050600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 217A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 05 AUGUST 1973

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 8 HOURS. TWO MINOR
SUBFLARES WERE OBSERVED.

IB. NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

NNNN
KBOU

HFUS 1 BOU 051300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 217B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 05 AUGUST 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ALL VISIBLE SUNSPOT GROUPS ARE
SMALL. REGIONS 177 (S05W67) AND 183 (S09E28) HAVE BEEN STABLE OR
DECAYING. REGION 185 HAS SHOWN SLOW GROWTH.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW FOR THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS.

QUIET TO MILDLY UNSETLED CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 05 AUG - 07 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 AUG 84

PREDICTED 05 AUG - 07 AUG 84/84/85

90-DAY MEAN 04 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 AUG 09

ESTIMATED 04 AUG 08

PREDICTED 05 AUG - 07 AUG 05/08/08

SOLTERWARN

SPAN

BT

KBOU

HFUS BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 217

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY ISSUED 2200Z 05 AUG 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 185 (N06E02) CONTAINS AN ARCH-FILAMENT SYSTEM AND CONTINUES TO SLOWLY GROW. SPOT AND PLAGE AREA ARE STILL SMALL BUT THE PLAGE IS MODERATELY BRIGHT AND COMPACT. THE REGION SHOWS SOME SLIGHT INDICATION OF ANOMALOUS DEVELOPMENT. THE FILAMENT ASSOCIATED WITH REGION 176 (N15W56) IS ELEVATED OVER ITS POSITION YESTERDAY THOUGH IT CURRENTLY APPEARS STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. REGION 185 HAS A SMALL CHANCE OF CONTINUED DEVELOPMENT INTO A SOURCE OF MODERATELY ENERGETIC FLARES, THOUGH SUCH ACTIVITY WOULD NOT BE EXPECTED FOR 2-3 DAYS. THE FILAMENT ASSOCIATED WITH REGION 176 MAY AGAIN DISRUPT BUT SUCH ERUPTIONS SELDOM PRODUCE TWO LARGE FLARE EVENTS IN SUCCESSION.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE. IT IS EXPECTED TO REMAIN SLIGHTLY UNSETLED FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 06-08 AUG

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 05 AUG 83

PREDICTED 06-08 AUG 83/83/83

90-DAY MEAN 05 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 AUG 10

ESTIMATED 05 AUG 10

PREDICTED 06-08 AUG 10/10/10

SOLTERWARN

SPAN

BT