

NNNN

KBOU

HOUS 2 BOU 070200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
07/0200Z OCT 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
06/1630Z. LOCATIONS VALID AT 07 OCT 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0241 N21W80 198 0070 H 02 01 ALPHA

0248 N11W50 168 0120 H 02 01 ALPHA

0253 S09W29 147 0010 A 01 03 ALPHA

MAGNETIC CLASSIFICATIONS FROM MT. WILSON.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 07 OCT 0000Z.

NMBR LOCATION LO

0245 S16W80 198

0247 S16W54 172

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

247 1F 06/0254Z 0325Z 0447Z -

III. AREAS OF SPECIAL INTEREST-

NONE.

SOLTERWARN

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HFUS 1 BOU 070600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 280A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 7 OCTOBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO
FLARES HAVE BEEN OBSERVED. ALL VISIBLE REGIONS HAVE BEEN STABLE AND
QUIET.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT SEVEN HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST FIVE HOURS.
THE FIELD WILL REMAIN QUIET.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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HFUS 1 BOU 071300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 280B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 07 OCTOBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ONE
SUBFLARE HAS BEEN OBSERVED, A SUBFAINT OUT OF REGION 241 (N21W84)
AT 0721Z. ALL OTHER REGIONS HAVE BEEN QUIET.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 12 HOURS AND
IS EXPECTED TO REMAIN QUIET DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 07 OCT - 09 OCT

CLASS M 20/15/10

CLASS X 02/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 OCT 86

PREDICTED 07 OCT - 09 OCT 83/81/80

90-DAY MEAN 06 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 OCT 06

ESTIMATED 06 OCT 07

PREDICTED 07 OCT - 09 OCT 06/05/04

SOLTERWARN

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BT

HFUS 1 BOU 071300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 280B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 07 OCTOBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ONE
SUBFLARE HAS BEEN OBSERVED, A SUBFAINT OUT OF REGION 241 (N21W84)
AT 0721Z. ALL OTHER REGIONS HAVE BEEN QUIET.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 12 HOURS AND
IS EXPECTED TO REMAIN QUIET DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 07 OCT - 09 OCT

CLASS M 20/15/10

CLASS X 02/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 OCT 86

PREDICTED 07 OCT - 09 OCT 83/81/80

90-DAY MEAN 06 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 OCT 06

ESTIMATED 06 OCT 07

PREDICTED 07 OCT - 09 OCT 06/05/04

SOLTERWARN

SPAN

BT

KBOU

HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 280

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 07 OCT 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY THREE FAINT, NON-ENERGETIC SUBFLARES REPORTED DURING THE LAST 24 HOURS. ONLY TWO SPOTS ARE CURRENTLY VISIBLE ON THE DISK. A VERY SMALL, WEAK PLAGE HAS ROTATED OVER THE EAST LIMB AT S16, WHILE THE REST OF THE EASTERN HALF OF THE DISK IS VERY QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW. OLD REGION 226 (S09) IS DUE BACK ON 10 OCT, BUT NO SPOTS OR FLARES WERE OBSERVED IN THIS REGION ON ITS LAST TRANSIT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE LAST 24 HOURS AND IS EXPECTED TO REMAIN QUIET THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 OCT - 10 OCT

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 OCT 82

PREDICTED 08-10 OCT 80/78/76

90-DAY MEAN 07 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 OCT 10

ESTIMATED 07 OCT 04

PREDICTED 08 OCT - 10 OCT 06/06/06

SOLTERWARN

SPAN

BT