

HOUS 2 BOU 110200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 110200Z OCT 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM RAMEY TAKEN AT 10/1150Z
LOCATIONS VALID AT 11 OCT 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0253 S08W84 149 XXXX B 04 02 BETA

NOTE: MAGNETIC CLASSIFICATION INFERRED AT BOULDER

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 11 OCT 0000Z.

NMBR LOCATION LO

0254 S01W02 067

II. NONE

III. NONE

SOLTERWARN

SPAN

BT

NFUS 1 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 284A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 11 OCTOBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.
WHILE ONLY FOUR C-CLASS SUBFLARES HAVE BEEN NOTED DURING THIS
PERIOD, A C5 AND A C7 SUBFLARE OCCURRED DURING THE LAST 8 HOURS
AT 10/2236Z AND 11/0213Z RESPECTIVELY, BOTH APPARENTLY IN REGION
253 (S08W87).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW, ALTHOUGH THE
RECENT FLARE ACTIVITY IN REGION 253 IS THIS REGIONS FIRST
INDICATION OF ENERGETIC POTENTIAL. HOWEVER, THE REGION APPEARS
RELATIVELY STABLE AS IT MOVES ONTO THE WEST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY ACTIVE DURING THE PAST
24 HOURS. THE FIELD SHOULD BECOME UNSETTLED AND REMAIN SO THROUGH
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11 OCT-13 OCT

CLASS M	15/15/10
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SPAN

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KBOU

HFUS 1 BOU 111300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 284 B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 11 OCT 1973

IA. NO FLARES HAVE BEEN REPORTED DURING THE LAST 16 HOURS
ALTHOUGH VELA REPORTED A CLASS C8 XRAY EVENT AT 11/0213Z.

THE DISK IS NOW SPOTLESS WITH WEST LIMB TRANSIT OF REGION 253

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW ALTHOUGH REGION 253
RETAINS POTENTIAL FOR A LIMB FLARE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND IS EXPECTED
TO REMAIN SO THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11-13 OCT

CLASS M 15/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 OCT 77

PREDICTED 11-13 OCT 78/79/80

90-DAY MEAN 10 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 OCT 08

ESTIMATED 10 OCT 15

PREDICTED 11-13 OCT 12/10/08

SOLTERWARN

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 284

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 OCTOBER 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW TODAY, WITH NO OPTICAL FLARES REPORTED. HOWEVER, A C-5 X-RAY EVENT WAS RECORDED AT 11/0213Z BY SOLRAD, BUT ITS ORIGIN IS UNKNOWN. THERE ARE NO SPOTS VISIBLE ON THE DISK.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW. THE OSO-7 EUV MAP FOR TODAY SHOWS AN ENHANCEMENT ON THE EAST LIMB NEAR S15. THIS MAY HERALD THE RETURN OF OLD REGION 228 WHICH IS DUE BACK NOW AT THIS LOCATION.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO REMAIN SO FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 12 OCT - 14 OCT.

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 11 OCT 75

PREDICTED 12 OCT - 14 OCT 76/77/79

90-DAY MEAN 11 OCT 91

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 10 OCT 16

ESTIMATED 11 OCT 10

PREDICTED 12 OCT - 14 OCT 08/10/09

SOLTERWARN

SPAN

BT