

NNNN

KBOU

HOUS 2 BOU 200200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
20/0200 NOV 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM CARNARVON TAKEN AT
18/2300.

LOCATIONS VALID AT 20 NOV 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
0280	N16W15	271	0010	H	01	01	01	ALPHA
0285	N12W05	261	0000	A	01	01	01	ALPHA
0284	S12E53	203	0010	A	00	01	01	ALPHA

MAGNETIC CLASSIFICATION INFERRED AT CARNARVON

IA. NONE

II. NONE

III. NONE

SOLTERWARN

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KBOU

HFUS BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 324A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 NOVEMBER 1973

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. REGION 280 (N13W10)
IS THE ONLY REGION ON THE DISK WITH ANY SPOTS. THE REGION IS QUIET
AND STABLE.

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

II. THE GEOMAGNETIC FIELD IS QUIET AND EXPECTED TO REMAIN IN A QUIET
CONDITION.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLIERWARN

SPAN

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HFUS 1 BOU 201300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 324B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 20 NOV 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THE THREE REGIONS ON THE DISK ARE SMALL AND STABLE. ONLY ONE FLARE WAS OBSERVED DURING THIS ZULU DAY, A SMALL SUBFLARE FROM REGION 285 (N12W12). AN ACTIVE SURGE REGION HAS BEEN OBSERVED NEAR N15E90 WITH A SURGE REACHING .1 RADII AT 0607Z. THIS IS THE APPROXIMATE LOCATION OF OLD REGION 267 DUE TO RETURN EARLY ON 21 NOV. HOWEVER, OSO 7 LONG X-RAY AND EUV CHARTS DO NOT AS YET SHOW ANY LARGE ENHANCEMENT IN THIS AREA.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST PERIOD.

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 20 NOV - 22 NOV

CLASS M 10/08/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 NOV 77

PREDICTED 20 NOV - 22 NOV 78/79/79

90-DAY MEAN 19 NOV '92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 NOV 16

ESTIMATED AFR/AP 19 NOV 04/05

PREDICTED AFR/AP 20 NOV - 22 NOV 05/06 - 05/06 - 05/06

SOLTERWARN

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HFUS 1 BOU 201300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

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SOLTERWARN

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 324

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 NOVEMBER 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW, WITH ONLY ONE SUBFLARE
REPORTED IN THE LAST 24 HOURS. A BRIGHT SURGE ON THE LIMB
OCCURRED AT S13E90 AT 1830Z, EXTENDING TO .07 SOLAR RADII
WITH AN ASSOCIATED CLASS C4 X-RAY BURST. NO OLD REGIONS ARE
EXPECTED TO RETURN AT THIS LOCATION.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, BUT SURGING
IN THE SOUTHEAST COULD INDICATE A POTENT NEW ACTIVE REGION BE-
HIND THE LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETLED TO QUIET,
WITH QUIET CONDITIONS PERSISTING SINCE 1500Z. THE FIELD IS
EXPECTED TO REMAIN QUIET THROUGHOUT THE FORECAST PERIOD IN
AGREEMENT WITH RECURRENT SECTOR STRUCTURE.

III. EVENT PROBABILITIES 21 NOV - 23 NOV.

CLASS M 05/05/08

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 20 NOV 80

PREDICTED 21 NOV - 23 NOV 83/86/89

90-DAY MEAN 20 NOV 92

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 19 NOV 02

ESTIMATED ARR/AP 20 NOV 04/05

PREDICTED AFR/AP 21 NOV - 23 NOV 04/05 - 03/04 - 03/04

SOLTERWARN

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ZCZC 2156
HSUS KGWC 202156Z
6911 NOW BEING MONITORED

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KBOU

HFUS BOU 202200

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