

NNNNAABBVCDDVEEVFFVGGVHHVJJVKVLL

VMMVVOOVPPVRRVSSVTIVWWVYYUU

KBOU

HOUS 2 BOU 190200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
19/0200Z NOV 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT  
19/1715Z. LOCATIONS VALID AT 19 NOV 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0280 N16W02 271 0020 C 03 04 BETA

0285 N12E08 261 0000 A 00 02 ALPHA

0284 S12E66 203 0000 A 01 02 ALPHA

MAGNETIC CLASSIFICATION INFERRED AT BOULDER.

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 19 NOV 0000Z.  
NONE.

II. NONE.

III. NONE.

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HFUS 1 BOU 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 323A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 19 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ONLY  
ONE MINOR SUBFLARE HAS BEEN OBSERVED. THE REGIONS ON THE DISK APPEAR  
STABLE AND QUIET.

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

II. THE GEOMAGNETIC FIELD IS QUIET.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

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HFUS 1 BOU 191300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 323B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 19 NOVEMBER 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THERE ARE THREE SMALL REGIONS ON THE DISK, BUT ONLY REGION, 284 (S12E59), HAS SHOWN ANY ACTIVITY. THIS REGION PRODUCED TWO SMALL SUBFLARES DURING THE LAST 24 HOURS, BUT NO FLARES HAVE BEEN OBSERVED IN THE LAST SEVEN HOURS. THE OSO 7 LONG X-RAY AND EUV MAPS INDICATE THIS REGION REMAINS THE HOTTEST ON THE DISK, BUT IT DOES NOT APPEAR TO BE GROWING IN EITHER WHITE LIGHT OR H-ALPHA.

IB. SINCE THERE ARE NO COMPLEX REGIONS ON THE DISK AND NONE DUE TO RETURN, SOLAR ACTIVITY SHOULD CONTINUE VERY LOW, LIMITED TO AN OCCASIONAL SUBFLARE FROM REGION 284.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET, AND QUIET CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19 NOV - 21 NOV

CLASS M 10/10/08

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 NOV 77

PREDICTED 19 NOV - 21 NOV 81/84/84

90-DAY MEAN 18 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 NOV 15

ESTIMATED AFR/AP 18 NOV 12/13

PREDICTED AFR/AP 19 NOV - 20 NOV 05/06 - 05/06 - 05/06

SOLTERWARN

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HFUS 1 BOU 191300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 323B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 19 NOVEMBER 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THERE ARE THREE SMALL REGIONS ON THE DISK, BUT ONLY REGION, 284 (S12E59), HAS SHOWN ANY ACTIVITY. THIS REGION PRODUCED TWO SMALL SUBFLARES DURING THE LAST 24 HOURS, BUT NO FLARES HAVE BEEN OBSERVED IN THE LAST SEVEN HOURS. THE OSO 7 LONG X-RAY AND EUV MAPS INDICATE THIS REGION REMAINS THE HOTTEST ON THE DISK, BUT IT DOES NOT APPEAR TO BE GROWING IN EITHER WHITE LIGHT OR H-ALPHA.

IB. SINCE THERE ARE NO COMPLEX REGIONS ON THE DISK AND NONE DUE TO RETURN, SOLAR ACTIVITY SHOULD CONTINUE VERY LOW, LIMITED TO AN OCCASIONAL SUBFLARE FROM REGION 284.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET, AND QUIET CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19 NOV - 21 NOV

CLASS M 10/10/08

CLASS X 01/01/01

PROTON 01/01/01

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ESTIMATED AFR/AP 18 NOV 12/13

PREDICTED AFR/AP 19 NOV - 20 NOV 05/06 - 05/06 - 05/06

SOLTERWARN

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HFUS BOU 192200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 323  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 19 NOV 1973  
IA. SOLAR ACTIVITY REMAINS VERY LOW, WITH ONLY TWO SUBFLARES  
REPORTED THIS ZULU DAY. ALL REGIONS ARE STABLE OR DECLINING.  
IB. ENERGETIC ACTIVITY IS NOT EXPECTED FROM ANY REGION  
PRESENTLY ON THE DISK.  
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN  
SO THROUGHOUT THE FORECAST PERIOD.  
III. EVENT PROBABILITIES 20 - 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 - 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 - 22 NOV 05/06 - 05/06 - 05/06  
SOLTERWARN  
SPAN  
BT

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