

NNNN

KBOU

HOUS 2 BOU 090200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
090200Z NOV 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM CANARY IS. TAKEN AT
08/1215Z. LOCATIONS VALID AT 09 NOV 0000Z

NONE

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 09 NOV 0000Z

NMBR LOCATION LO

0269 N03W77 119

0276 N15W12 054

0277 N18E58 344

II. NONE

III. NONE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 090600\

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 313A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 09 NOV 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO CHANGES HAVE BEEN
OBSERVED IN ANY OF THE FEATURES OF A VERY DULL SUN.

IB. NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO
CONTINUE UNSETTLED THROUGH THE NEXT 24 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

NOTE- A RECENT COMPARISON BETWEEN TWO YEARS OF FREDERICKSBURG AND
PLANETARY MAGNETIC INDICES HAS SHOWN THAT A(P) APPEARS HIGHER THAN
A(FREDERICKSBURG). THEREFORE, BOTH INDICES WILL BE INCLUDED
IN FUTURE FORECASTS. ONLY EXTRAPOLATED A(P) VALUES WILL BE GIVEN
SINCE THE COMPUTATION AND PUBLICATION OF THE ACTUAL OBSERVED
A(P) VALUES REQUIRES APPROXIMATELY THREE MONTHS.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS BOU 091300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 313B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 09 NOVEMBER 1973

IA. SOLAR ACTIVITY CONTINUES TO BE VERY LOW. NO SPOTS ARE
CURRENTLY VISIBLE ON THE DISK. PLAGE FLUCTUATIONS HAVE BEEN
REPORTED FROM THE REGION AT N16E52, BUT THE REGION IS
DYNAMIC ONLY BY COMPARISON WITH THE REST OF THE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE MAGNETIC FIELD HAS BEEN UNSETTLED. PIONEER DATA INDICATES
THAT THE FIELD SHOULD QUIET SHORTLY AND REMAIN QUIET THROUGHOUT
THE FORECAST PERIOD. PROTON FLUX NEAR EARTH IS AT BACKGROUND
LEVEL.

III. EVENT PROBABILITIES 10 NOV - 12 NOV

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 NOV 72

PREDICTED 09 NOV - 11 NOV 70/70/70

90-DAY MEAN 08 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 NOV 20

ESTIMATED AFR/AP 08 NOV 08/09

PREDICTED AFR/AP 09 NOV - 11 NOV 08/09 - 05/05 - 05/05

NOTE: A RECENT COMPARISON BETWEEN TWO YEARS OF FREDERICKSBURG
AND PLANETARY MAGNETIC INDICES HAS SHOWN THAT AP APPEARS HIGHER
THAN A FREDERICKSBURG. THEREFORE, BOTH INDICES WILL BE INCLUDED
IN FUTURE FORECASTS. ONLY EXTRAPOLATED AP VALUES WILL BE GIVEN
SINCE THE COMPUTATION AND PUBLICATION OF THE ACTUAL OBSERVED AP
VALUES REQUIRE APPROXIMATELY THREE MONTHS.

SOLTERWARN

SPAN

BT

HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 313

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 09 NOVEMBER 1973

IA. WITH NO SPOTS CURRENTLY VISIBLE ON THE DISK, SOLAR ACTIVITY REMAINS
VERY LOW. THERE HAS BEEN NO ACTIVITY OF ANY SIGNIFICANCE REPORTED IN
THE PAST 24 HOURS.

IB. ALL DATA INDICATES THAT SOLAR ACTIVITY WILL REMAIN AT THIS LEVEL
FOR THE NEXT 72 HOURS. THERE ARE NO OLD REGIONS DUE TO RETURN IN THIS
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO MILDLY ACTIVE THE PAST
24 HOURS. IT IS EXPECTED TO BE AT QUIET LEVELS THROUGH 11 NOVEMBER.
ABOUT 12 NOVEMBER A RECURRENT DISTURBANCE IS ANTICIPATED, AND SHOULD
BRING ACTIVE CONDITIONS TO THE GEOMAGNETIC FIELD.

III. EVENT PROBABILITIES 10-12 NOV

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 NOV 72

PREDICTED 10-12 NOV 73/74/74

90-DAY MEAN 09 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 NOV 09

ESTIMATED AFR/AP 09 NOV 08/09

PREDICTED AFR/AP 10 NOV - 12 NOV 05/06 - 05/06 - 20/24

NOTE. A RECENT COMPARISON BETWEEN TWO YEARS OF FREDERICKSBURG AND
PLANETARY MAGNETIC INDICES HAS SHOWN THAT AP APPEARS HIGHER THAN
A FREDERICKSBURG. THEREFORE, BOTH INDICES WILL BE INCLUDED IN
FUTURE FORECASTS. ONLY EXTRAPOLATED AP VALUES WILL BE GIVEN SINCE
THE COMPUTATION AND PUBLICATION OF THE ACTUAL OBSERVED AP VALUES
REQUIRE APPROXIMATELY THREE MONTHS.

SOLTERWARN

SPAN

BT