

KBOU

HOUS 2 BOU 050200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
05/0200Z NOVEMBER 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM RAMEY TAKEN AT
04/1155Z. LOCATIONS VALID AT 05 NOV 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0266 N11W74 169 0000 H 00 01 ALPHA

0275 S11W62 157 0000 A 00 01 ALPHA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 05 NOV 0000Z.

NMBR LOCATION LO COMMENT

0268 S16W86 181 POSSIBLE SPOTS OBSERVED

0269 N04W20 115

0276 N12E51 044

0267 N16W59 154

0270 N21W53 148

II. NONE.

III. NONE.

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HFUS 1 BOU 050600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 309A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 05 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
BOTH REGIONS HAVE BEEN STABLE AND QUIET.

IB. NO MAJOR SOLAR ACTIVITY IS EXPECTED DURING THE NEXT 7 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET BUT DURING THE NEXT 24
HOURS THE FIELD WILL BECOME UNSETTLED. NO MAJOR DISTURBANCE IS
EXPECTED.

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 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

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HFUS 1 BOU 051300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 309B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 05 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW, AND NO FLARES HAVE BEEN
OBSERVED. ALL DISK REGIONS ARE UNIMPRESSIVE.

IB. A CONTINUATION OF QUIET SOLAR CONDITIONS IS EXPECTED DURING
THE FORECAST PERIOD.

II. DURING THE INTERVAL 04/2200 - 05/0800Z, THE GEOMAGNETIC FIELD
WAS QUIET TO UNSETTLED. AT ABOUT 05/0800Z, ACTIVE CONDITIONS
DEVELOPED AND CONTINUED UNTIL THE TIME OF THIS REPORT. GENERALLY
UNSETTLED GEOMAGNETIC CONDITIONS ARE LIKELY DURING THE FORECAST
PERIOD, AND FORECAST AFR/AP VALUES HAVE BEEN REVISED UPWARD.

III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 NOV 06

ESTIMATED AFR/AP 04 NOV 08/09

PREDICTED AFR/AP 05-07 NOV 12/13-08/09-08/09

NOTE: A RECENT COMPARISON BETWEEN TWO YEARS OF FREDERICKSBURG AND
PLANETARY MAGNETIC INDICES HAS SHOWN THAT AP APPEARS HIGHER THAN
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IB. A CONTINUATION OF QUIET SOLAR CONDITIONS IS EXPECTED DURING THE FORECAST PERIOD.

II. DURING THE INTERVAL 04/2200 - 05/0800Z, THE GEOMAGNETIC FIELD WAS QUIET TO UNSETLED. AT ABOUT 05/0800Z, ACTIVE CONDITIONS DEVELOPED AND CONTINUED UNTIL THE TIME OF THIS REPORT. GENERALLY UNSETLED GEOMAGNETIC CONDITIONS ARE LIKELY DURING THE FORECAST PERIOD, AND FORECAST AFR/AP VALUES HAVE BEEN REVISED UPWARD.

III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

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III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 NOV 06

ESTIMATED AFR/AP 04 NOV 08/09

PREDICTED AFR/AP 0507 NOV 12/1308/0908/09

NOTE: A RECENT COMPARISON BETWEEN TWO YEARS OF FREDERICKSBURG AND
PLANETARY MAGNETIC INDICES HAS SHOWN THAT AP APPEARS HIGHER THAN
AFREDERICKSBURG. THEREFORE, BOTH INDICES WILL BE INCLUDED IN FUTURE
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HFUS BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 309

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 05 NOVEMBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW, WITH NO FLARES REPORTED IN THE LAST 24 HOURS. NO SPOTS WERE VISIBLE TODAY. THOSE FEW REGIONS REMAINING ON THE DISK ARE SMALL AND WEAK AND SHOW NO MARKED DEVELOPMENT OR DECLINE. NO ACTIVE CENTERS ARE DUE TO RETURN OVER EAST LIMB DURING THE FORECAST PERIOD. AVAILABLE OBSERVATIONS INDICATIVE OF CORONAL ENHANCEMENT SUGGEST NO REGIONS OF ANY STRENGTH WITHIN APPROXIMATELY 2 DAYS BEHIND EAST LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, BEING LIMITED TO INFREQUENT, NON-ENERGETIC SUBFLARES.

II. THE GEOMAGNETIC FIELD IS PRESENTLY SLIGHTLY UNSETTLED. INFERENCES BASED ON SOLAR WIND AND RECURRANCE DATA SUGGEST THE FIELD WILL REMAIN UNSETTLED FOR THE NEXT FEW DAYS, POSSIBLY BECOMING ACTIVE BY THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 06 NOV - 08 NOV

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 NOV 75

PREDICTED 06 NOV - 08 NOV 73/71/70

90-DAY MEAN 05 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 NOV 14

ESTIMATED AFR/AP 05 NOV 08/09

PREDICTED AFR/AP 06 NOV - 08 NOV 10/11 - 10/11 - 14/16

NOTE: A RECENT COMPARISON BETWEEN TWO YEARS OF FREDERICKSBURG AND PLANETARY MAGNETIC INDICES HAS SHOWN THAT AP APPEARS HIGHER THAN AFREDERICKSBURG. 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.

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