

NNNN

KBOU

HOUS 2 BOU 060200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
06/0200 NOVEMBER 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
05/2000.

LOCATIONS VALID AT 06 NOV 0000Z.

NO SUNSPOTS OBSERVED

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 06 NOV 0000Z.

NMBR LOCATION LO

0269 N04W31 113

0276 N12E38 0044

II. NONE

III. NONE

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HFUS 1 BOU 060600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 310A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 06 NOVEMBER 1973
IA. NO SPOTS HAVE BEEN OBSERVED ON THE VISIBLE DISK. THE TWO PLAGE
REGIONS ON THE DISK HAVE BEEN QUIET AND STABLE. THE LIMBS APPEAR
QUIET.
IB. NO MAJOR ACTIVITY IS EXPECTED FROM THE QUIET SUN.
II. THE GEOMAGNETIC FIELD REMAINS IN AN UNSETTLED CONDITION AND
WILL REMAIN UNSETTLED DURING 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 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 061300

/FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 310B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 06 NOVEMBER 1973

IA. THE SOLAR DISK REMAINS IN A STATE OF RELATIVE QUIESCENCE. A SMALL
APR NEAR SE14 MAY BE A PRECURSOR TO THE RETURN OF OLD REGION 257.
REGION 257 WAS BORN ON THE DISK LAST ROTATION AND WAS QUIET AND
SIMPLE.

IB. THE LEVEL OF SOLAR ACTIVITY IS NOT EXPECTED TO CHANGE DURING THE
NEXT 36 TO 48 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETLED AND SHOULD
CONTINUE SO FOR THE DURATION OF THE FORECAST PERIOD.

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
AFREDERICKSBURG. THEREFORE, BOTH INDICES WILL BE INCLUDED IN FUTURE
FORECASTS. ONLY EXTRAPOLATED AP VALUES WILL BE GIVEN SINCE THE COM-
PUTATION AND PUBLICATION OF THE ACTUAL OBSERVED AP VALUES REQUIRE
APPROXIMATELY THREE MONTHS.

SOLTERWARN

SPAN

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 310
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 NOVEMBER 1973.

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY TWO MINOR FLARES REPORTED IN THE PAST 24 HOURS. THE FEW REGIONS PRESENT ON THE DISK ARE SMALL AND WEAK AND SHOW NO MARKED CHANGES. NO SPOTS ARE VISIBLE ON THE SUN. X-RAY AND EUV LEVELS ARE LOW OVER MOST OF THE SUN, PARTICULARLY OVER EAST LIMB (CORONAL ENHANCEMENT IS ALSO VERY LOW THERE). NO REGIONS OF ANY STRENGTH ARE DUE TO RETURN OVER EAST LIMB FOR SEVERAL DAYS. AN ACTIVE PROMINENCE AT SE17 WAS SEEN TO LIFT SLOWLY (BEGIN APPROX 0745Z) AND MOVE OUT TO 0.3 SOLAR RADII.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, LIMITED TO INFREQUENT, NON-ENERGETIC SUBFLARES. BARRING THE APPEARANCE AND RAPID DEVELOPMENT OF A NEW REGION, THE POTENTIAL FOR EVEN MODERATELY ENERGETIC ACTIVITY IS VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY SLIGHTLY UNSETLED, AND IT WAS QUIET DURING THE PAST FEW HOURS. RECURRENCE SUGGESTS THAT THE FIELD WILL PROBABLY BE UNSETLED FOR THE GREATER PART OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 07 NOV - 09 NOV.

CLASS M 03/03/03
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 06 NOV 74
PREDICTED 07 NOV - 09 NOV 73/71/70

90-DAY MEAN 06 NOV 92

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 05 NOV 11

ESTIMATED AFR/AP 06 NOV 06/07

PREDICTED AFR/AP 07 NOV - 09 NOV 10/11 - 12/13 - 10/11

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

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