

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

SPAN

BT

NNNN

KBOU

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

BT

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 UNSETTLED 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

BT

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 MODER-  
ATELY ENERGETIC ACTIVITY IS VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY SLIGHTLY UNSETTLED,  
AND IT WAS QUIET DURING THE PAST FEW HOURS. RECURRENCE  
SUGGESTS THAT THE FIELD WILL PROBABLY BE UNSETTLED 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

SPAN

BT