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HOUS 2 BOU 140200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
14/0200Z NOV 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT  
13/1545Z. LOCATIONS VALID AT 14 NOV 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0280 N13E64 272 0070 H 02 03 ALPHA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 14 NOV 0000Z.

NMBR LOCATION LO COMMENT

0276 N15W79 055

0278 S07W32 008

0279 S04W63 039

0281 S23W05 341

REVERSED POLARITY MAGNETIC FIELDS

0282 N04W21 357

II. NONE.

III. NONE.

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HFUS 1 BOU 140600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 318A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 14 NOV 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 280 (N13E61) CONTINUES  
TO DEVELOP SLOWLY IN WHITE LIGHT AND NOW CONTAINS A D-TYPE SPOT  
GROUP. OTHER REGIONS ARE QUIET.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS ESSENTIALLY UNSETTLED DURING THE PAST  
24 HOURS. THE FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE THROUGH  
THE FORECAST PERIOD.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 141300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 318B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 14 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 280 (N13E58) CONTINUES  
SLOW GROWTH. CURRENTLY THIS IS THE ONLY REGION CONTAINING SUNSPOT  
STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED TO QUIET. THE  
STRONGER RECURRENT STRUCTURE EXPECTED ON 13 NOVEMBER HAS NOT MATERI-  
LIZED. THE FIELD IS EXPECTED TO BECOME ACTIVE ON 15 NOVEMBER WITH  
THE SECOND PORTION OF THE RECURRENT STRUCTURE.

III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 NOV 03

ESTIMATED AFR/AP 13 NOV 08/09

PREDICTED AFR/AP 14 NOV - 16 NOV 08/09 - 20/24 - 18/21

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HFUS 1 BOU 141300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 318B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 14 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 280 (N13E58) CONTINUES  
SLOW GROWTH. CURRENTLY THIS IS THE ONLY REGION CONTAINING SUNSPOT  
STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED TO QUIET. THE  
STRONGER RECURRENT STRUCTURE EXPECTED ON 13 NOVEMBER HAS NOT MATERI-  
LIZED. THE FIELD IS EXPECTED TO BECOME ACTIVE ON 15 NOVEMBER WITH  
THE SECOND PORTION OF THE RECURRENT STRUCTURE.

III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 NOV 03

ESTIMATED AFR/AP 13 NOV 08/09

PREDICTED AFR/AP 14 NOV - 15 NOV 08/09 - 20/24 - 18/21

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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 318

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW WITH ONLY ONE FLARE  
OBSERVED DURING THE PAST 24 HOURS. REGION 280 (N13E53) PRODUCED  
A SUBFAINT FLARE AT 14/0212Z. THE REGION CONTAINS A "C" TYPE  
SPOT GROUP AND APPEARS TO BE STABLE. REGION 282 (N04W33) IS  
WITHOUT SPOTS AND APPEARS TO BE DECAYING. THE MOST SIGNIFICANT  
ACTIVITY DURING THE PAST 24 HOURS WAS THE DISAPPEARANCE OF THE  
LARGE FILAMENT (N15E32) AT 14/0900Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. NO RETURNING  
REGIONS ARE EXPECTED UNTIL NOV. 17 WHEN OLD REGION 264 IS DUE  
AT SE13.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO UNSETTLED  
CONDITIONS ARE EXPECTED DURING THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 15 NOV - 17 NOV

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 NOV 75

PREDICTED 15 NOV-17 NOV 78/80/83

90-DAY MEAN 14 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 NOV 07

ESTIMATED AFR/AP 14 NOV 06/07

PREDICTED AFR/AP 15 NOV-17 NOV 10/11 - 14/16 - 29/40

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