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HOUS 2 BOU 180200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
18/0200Z NOVEMBER 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT  
17/1745Z. LOCATIONS VALID AT 18 NOV 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0280 N14E14 270 0030 C 05 05 BETA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 18 NOV 0000Z.

NMBR LOCATION LO COMMENT

0284 S16E87 197 OLD REGION 264

II. NONE.

III. NONE.

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HFUS 1 BOU 180600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 322A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 18 NOVEMBER 1973

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONE SMALL SUBFLARE  
WAS OBSERVED AT 18/0342Z FROM REGION 280 (N14E14). NO OTHER ACTIVITY  
HAS BEEN OBSERVED.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT SEVEN HOURS.

II. THE GEOMAGNETIC FIELD REMAINS DISTURBED BUT HAS NOT REACHED  
STORM INTENSITY. THE FIELD WILL REMAIN UNSETTLED DURING THE NEXT  
24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 181300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 322B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 18 NOVEMBER 1973

I.A. SOLAR ACTIVITY REMAINS VERY LOW. REGION 280 (N14E07) PRODUCED  
2 SMALL SUBFLARES EARLY THIS ZULU DAY BUT HAS BEEN RELATIVELY  
QUIET DURING THE LAST 7 HOURS. SOME SPOT DECAY HAS BEEN OBSERVED  
DURING THE LAST 24 HOURS. REGION 284 (S16E80) CONTAINS FACULAE, BUT  
AS YET, NO SPOTS. NO FLARES HAVE BEEN OBSERVED FROM THIS REGION,  
BUT THE SMALL PLAGE HAS SHOWN SOME FLUCTUATIONS TO INTENSITY 4.

I.B. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW AS NEITHER REGION ON THE  
DISK APPEARS CAPABLE OF PRODUCING ENERGETIC ACTIVITY.

III. THE GEOMAGNETIC FIELD HAS BECOME ACTIVE SINCE 18/00Z. THIS  
DISTURBANCE SHOULD GRADUALLY DIMINISH TO UNSETLED CONDITIONS BY THE  
END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 18 NOV - 20 NOV

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 NOV 77

PREDICTED 18 NOV - 20 NOV 79/81/82

90-DAY MEAN 17 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 NOV 10

ESTIMATED AFR/AP 15 NOV 19/22

PREDICTED AFR/AP 18 NOV - 24 NOV 23/29 - 15/17 - 10/11

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HFUS BOU 182200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 322  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 18 NOV 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 284 (SIZE 68,  
RETURNING OLD REGION 264) HAS A FEW SMALL SPOTS AND PRODUCED A  
LARGE SUBFAINT FLARE, VELA X-RAY CLASS C1, AT 18/1900Z. THE TWO  
OTHER SMALL SPOT GROUPS ON THE DISK ARE UNIMPRESSIVE.

IB. OCCASIONAL CLASS C FLARES ARE POSSIBLE FROM REGION 284, BUT THIS  
REGION DOES NOT APPEAR AT PRESENT TO HAVE THE POTENTIAL FOR HIGHER  
CLASSES OF ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD WAS ACTIVE DURING LOCAL NIGHT BUT HAS  
BEEN QUIET THE PAST 10 HOURS. UNSETTLED CONDITIONS DURING LOCAL  
NIGHTTIME ARE EXPECTED 18-19 NOV, WITH GENERALLY QUIET CONDITIONS  
PREVAILING FOR THE FOLLOWING 48 HOURS.

III. EVENT PROBABILITIES 19 - 21 NOV

CLASS M 10/10/08  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 18 NOV 77  
PREDICTED 19 - 21 NOV 81/84/84  
90-DAY MEAN 18 NOV 92

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 17 NOV 15  
ESTIMATED AFR/AP 18 NOV 12/13  
PREDICTED AFR/AP 19 - 21 NOV 10/11 - 08/09 - 07/08  
SOLTERWARN  
SPAN  
BT