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HOUS 2 BOU 160200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED  
AT 16/0200Z NOV 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 15/1630Z  
LOCATIONS VALID AT 16 NOV 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0280 N13E40 269 0075 C 08 08 BETA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 16 NOV 0000Z.

NMBR LOCATION LO

0282 N04W49 356

II. NONE

III. NONE

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HXUS BOU 160600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 320A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 16 NOV 1973  
IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 280(N13E37)  
CONTINUES TO DECLINE IN ALL PARAMETERS.  
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE  
FORECAST PERIOD. ENERGETIC ACTIVITY IS UNLIKELY.  
II. THE GEOMAGNETIC FIELD CONTINUES ESSENTIALLY QUIET.  
A PERSISTENT RECURRENT DISTURBANCE IS STILL EXPECTED EARLY IN THE  
FORECAST PERIOD.  
III. NO CHANGE  
IV. NO CHANGE  
V. NO CHANGE  
SOLTERWARN  
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HXUS BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 320A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 16 NOV 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 280(N13E37)  
CONTINUES TO DECLINE IN ALL PARAMETERS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE  
FORECAST PERIOD. ENERGETIC ACTIVITY IS UNLIKELY.

II. THE GEOMAGNETIC FIELD CONTINUES ESSENTIALLY QUIET.

A PERSISTENT RECURRENT DISTURBANCE IS STILL EXPECTED EARLY IN THE  
FORECAST PERIOD. ~~F~~

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 161300  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.  
SDF NUMBER 320B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 16 NOVEMBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO FLARES HAVE BEEN REPORTED TODAY. REGION 280 (N13E33) CONTINUES ITS SLOW DECLINE.

IB. SOLAR ACTIVITY WILL REMAIN AT THIS SAME LEVEL FOR THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED. EXPECT A RECURRENT DISTURBANCE TO BEGIN IN THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 16 - 18 NOV

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 15 NOV 77

PREDICTED 16 - 18 NOV 79/81/84

90-DAY MEAN 15 NOV 92

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 14 NOV 06

ESTIMATED AFR/AP 15 NOV 06/07

PREDICTED AFR/AP 16 - 18 NOV 12/13 - 29/40 - 18/21

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SPACE DISTURBANCE

NOV 16 1973

FORECAST CENTER

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 320

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 16 NOVEMBER 1973.

IA. SOLAR ACTIVITY CONTINUES TO BE VERY LOW. REGION 280 (N13E28) HAS BEEN ENHANCED BUT APPEARS GENERALLY STABLE. MINOR SURGING HAS BEEN REPORTED ON THE EAST LIMB AT S12. THE REST OF THE LIMBS AND DISK HAVE BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL. THE SURGING AND EUV ENHANCEMENT ON THE EAST LIMB INDICATE THE IMMINENT RETURN OF OLD REGION 264. HOWEVER, THESE INDICATIONS ARE NOT YET STRONG ENOUGH TO WARRANT FORECASTING MAJOR ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET. THE FIELD IS EXPECTED TO BECOME ACTIVE WITHIN THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 17 NOV - 19 NOV.

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 16 NOV 78

PREDICTED 17 NOV - 19 NOV 79/81/84

90-DAY MEAN 16 NOV 92

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 15 NOV 06

ESTIMATED AFR/AP 16 NOV 08/09

PREDICTED AFR/AP 17 NOV - 19 NOV 12/13 - 25/33 - 15/17

SOLTERWARN

SPAN

BT