

NNNN
KBOU
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 PLACES WITHOUT SPOTS. LOCATIONS VALID AT 16 NOV 0000Z.
NMBR LOCATION LO
0282 N04W49 356
II. NONE
III. NONE
SOLTERWARN
SPAN
BT

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
SPAN
BT

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KBOU

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 DUSTURBANCE IS STILL EXPECTED EARLY IN THE
FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

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 UNSETTLED. 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
SOLTERWARN
SPAN
BT

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