

NNNN

KBOU

HOUS 2 BOU 170200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
17/0200Z NOV 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
16/1620Z. LOCATIONS VALID AT 17 NOV 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0280 N13E27 270 0045 C 06 08 BETA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 17 NOV 0000Z.

NONE.

II. NONE.

III. NONE.

SOLIERWARN

SPAN

BT

KBOU

HFUS 1 BOU 170600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 321A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 17 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO
FLARES HAVE BEEN OBSERVED AND THE LIMBS HAVE BEEN QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BECOME DISTURBED DURING THE PAST FOUR
HOURS. THE DISTURBANCE IS MINOR AND WILL CONTINUE FOR THE NEXT 24
HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

BT

HFUS BOU 171300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 321B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 17 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS CONTINUED TO BE VERY LOW. NO FLARES HAVE BEEN REPORTED, AND THE ONLY ACTIVITY HAS BEEN MINOR SURGING ON THE EAST LIMB NEAR S10.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW. WATCH FOR THE RETURN OF OLD REGION 264, WHICH IS DUE BACK NEAR S12 TODAY.

II. THE GEOMAGNETIC FIELD ATTAINED A K VALUE OF FIVE AT 0300Z TODAY, BUT SINCE THAT TIME HAS BEEN QUIET TO UNSETTLED. A RECURRENT DISTURBANCE IS EXPECTED TO BEGIN IN THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 17 - 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 - 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 - 19 NOV 12/13 - 25/33 - 15/17
SOLTERWARN
SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 321

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 NOVEMBER 1973.

IA. SOLAR ACTIVITY REMAINS VERY LOW. THERE IS ONLY ONE REGION
ON THE DISK, 280 (N14E15). A NEW, SMALL PLAGE (REGION 284) IS
VISIBLE AT S16E90. APRS ARE VISIBLE AT N22E90 AND S20E90. NO
OTHER ACTIVITY HAS BEEN REPORTED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THE NEXT 72
HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND IS
EXPECTED TO REMAIN SO FOR THE NEXT 48 HOURS.

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 17 NOV 19/22

PREDICTED AFR/AP 18 NOV - 20 NOV 23/29 - 15/17 - 10/11

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 321

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 NOVEMBER 1973.

IA. SOLAR ACTIVITY REMAINS VERY LOW. THERE IS ONLY ONE REGION
ON THE DISK, 280 (N14E15). A NEW, SMALL PLAGE (REGION 284) IS
VISIBLE AT S16E90. APRS ARE VISIBLE AT N22E90 AND S20E90. NO
OTHER ACTIVITY HAS BEEN REPORTED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THE NEXT 72
HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE AND IS
EXPECTED TO REMAIN SO FOR THE NEXT 48 HOURS.

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 17 NOV 19/22

PREDICTED AFR/AP 18 NOV - 20 NOV 23/29 - 15/17 - 10/11

SOLTERWARN

SPAN

BT