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HOUS 2 BOU 120200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
12/0200Z NOV 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
11/1650Z. LOCATIONS VALID AT 12 NOV 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0278 S07W06 009 0005 A 00 01 ALPHA

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 12 NOV 0000Z.

NMBR LOCATION LO

0276 N15W53 056

0279 S03W41 044

II. NONE.

III. NONE.

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HFUS 1 BOU 120600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 316A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 12 NOVEMBER 1973

IA. THE SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONE SMALL
SPOT WAS OBSERVED ON THE DISK TODAY. SMALL SURGES ON THE NORTHEAST
LIMB INDICATE ANOTHER SMALL REGION AT N20.

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

II. THE GEOMAGNETIC FIELD REMAINS QUIET BUT IS EXPECTED TO BECOME
UNSETTLED DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

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HFUS 1 BOU 121300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 316B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 12 NOVEMBER 1973

IA. SOLAR ACTIVITY CONTINUES TO BE VERY LOW, WITH NO FLARES OR OTHER
SIGNIFICANT ACTIVITY REPORTED. NO SPOTS ARE VISIBLE, AND THOSE
PLAGE REGIONS PRESENT ARE SMALL AND WEAK. A MINOR SURGE WAS SEEN AT
NE16. NO ACTIVE CENTERS ARE DUE TO RETURN AT EAST LIMB THIS FORECAST
PERIOD.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW. ONLY VERY INFREQUENT, NON-
ENERGETIC SUBFLARES ARE AT ALL LIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS. QUIET
CONDITIONS SHOULD PREVAIL UNTIL THE ONSET OF A RECURRENT ACTIVE PERIOD
EXPECTED TO BEGIN LATE TODAY, OR TOMORROW.

III. EVENT PROBABILITIES 12 NOV - 14 NOV

CLASS M 01/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 NOV 73

PREDICTED 12 NOV - 14 NOV 73/74/75

90-DAY MEAN 11 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 NOV 07

ESTIMATED AFR/AP 11 NOV 03/04

PREDICTED AFR/AP 12 NOV - 14 NOV 06/07 - 20/24 - 18/21

SOLTERWARN

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KBOU

HFUS 1 BOU 121300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 316B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 12 NOVEMBER 1973

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SIGNIFICANT ACTIVITY REPORTED. NO SPOTS ARE VISIBLE, AND THOSE
PLAGE REGIONS PRESENT ARE SMALL AND WEAK. A MINOR SURGE WAS SEEN AT
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EXPECTED TO BEGIN LATE TODAY, OR TOMORROW.

III. EVENT PROBABILITIES 12 NOV - 14 NOV

CLASS M 01/02/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 NOV 73

PREDICTED 12 NOV - 14 NOV 73/74/75

90-DAY MEAN 11 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 NOV 07

ESTIMATED AFR/AP 11 NOV 03/04

PREDICTED AFR/AP 12 NOV - 14 NOV 06/07 - 20/24 - 18/21

SOLTERWARN

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KBOU

HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 316

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. A NEW ACTIVE CENTER, REGION 280, HAS CROSSED THE EAST LIMB AND NOW IS LOCATED AT N12E77. THIS REGION CONTAINS A SMALL H-TYPE SPOT ACCOMPANIED BY YOUNG-LOOKING ENHANCED PLAGE. REGION 280 IS LOCATED ABOUT 10 DEGREES WEST OF THE WESTERN EDGE OF OLD REGION 262, DUE TO RETURN TO THE EAST LIMB ABOUT 13/1200Z. REGION 262 CONTAINED ONLY DIM, SCATTERED PLAGE WHEN IT CROSSED THE WEST LIMB. EXCEPT FOR REGION 280, THE DISK IS RELATIVELY QUIET AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE FORECAST PERIOD. REGION 280 MAY PRODUCE INFREQUENT SUBFLARES. MINOR LIMB ACTIVITY MAY ACCOMPANY THE RETURN OF OLD REGION 262.

II. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST 24 HOURS. A RECURRENT MAGNETIC DISTURBANCE IS EXPECTED TO BEGIN 13 NOVEMBER, WITH UNSETTLED TO ACTIVE CONDITIONS CONTINUING THROUGH ABOUT 19 NOVEMBER.

III. EVENT PROBABILITIES 13 - 15 NOV

CLASS M 08/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 NOV 72

PREDICTED 13 - 15 NOV 74/76/78

90-DAY MEAN 12 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 NOV 04

ESTIMATED AFR/AP 12 NOV 04/05

PREDICTED AFR/AP 13 - 15 NOV 18/21 - 20/24 - 18/21

SOLTERWARN

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