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KBOU

HOUS 2 BOU 080200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
08/0200Z OCT 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
07/1750Z. LOCATIONS VALID AT 08 OCT 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0248 N11W64 168 0070 H 01 01 ALPHA

0253 S09W44 148 0010 A 00 01 ALPHA

MAGNETIC CLASSIFICATION FROM MT. WILSON.

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 08 OCT 0000Z.

NMBR LOCATION LO

0247 S16W67 171

II. NONE.1

888. NONE.

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HFUS 1 BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 281A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 08 OCTOBER 1973

IA. WITH ONLY TWO SMALL REGIONS ON THE VISIBLE DISK SOLAR ACTIVITY
HAS BEEN VERY LOW. A IF FLARE WAS OBSERVED AT 08/0231Z IN REGION 247
(S15W64), FLARE WAS CLASSIFIED AS C-2. NO SPOTS VISIBLE IN REGION
247.

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

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET WITH ONLY MINOR DEVIATIONS
SHOWING IN THE FIELD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 081300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 281B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 08 OCTOBER 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED IN THE
PAST 8 HOURS. REGION 248 (N11W70) HAS SHOWN MINOR GROWTH AND PLAGE
FLUCTUATIONS. A SMALL BIPOLAR SPOT GROUP (NEW REGION 254) HAS
EMERGED AT S02E33. ALL OTHER REGIONS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW FOR THE NEXT 24
HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN
QUIET THROUGH THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 08 OCT - 10 OCT

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 OCT 82

PREDICTED 08 OCT - 10 OCT 80/78/76

90-DAY MEAN 07 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 OCT 10

ESTIMATED 07 OCT 04

PREDICTED 08 OCT - 10 OCT 06/06/06

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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 281

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 OCTOBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. A ONE FAINT FLARE IN REGION 247 (S16W79) AT 0255Z REACHED XRAY CLASS C2. A SUBFLARE IN REGION 248 (N12W76) AT 0214Z WAS EVIDENTLY THE SOURCE OF EJECTED MATERIAL VISIBLE TO .15 SOLAR RADII ABOVE THE LIMB. NEW REGION 254 (S01E25) CONSISTS OF A SMALL PLAGE AND B TYPE SPOT GROUP, SHOWS ONLY MINOR GROWTH, AND HAS BEEN QUIET. REGION 247 IS PASSING OVER THE WEST LIMB, AND REGION 248 WILL FOLLOW IT IN ANOTHER DAY. REMAINDER OF THE DISK AND LIMBS SHOW NO SIGNIFICANT ACTIVITY. OLD REGION 226 IS DUE TO RETURN ON 10 OCT, BUT IT IS NOT EXPECTED TO BE VERY ACTIVE. THE GENERAL APPEARANCE OF THE SUN IS THAT OF A GREAT BIG ORANGE IN THE SKY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, LIMITED TO INFREQUENT, NON-ENERGETIC SUBFLARES. FLARE ACTIVITY GREATER THAN CLASS C IS QUITE UNLIKELY.

II. THE GEOMAGNETIC FIELD IS PRESENTLY QUIET. THE FIELD IS EXPECTED TO REMAIN QUIET TOMORROW, POSSIBLY BECOMING MILDLY UNSETTLED BY THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09 OCT -11 OCT

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 OCT 80

PREDICTED 09-11 OCT 78/76/75

90-DAY MEAN 08 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 OCT 05

ESTIMATED 08 OCT 06

PREDICTED 09-11 OCT 07/08/09

SOLTERWARN

SPAN

BT