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HOUS 2 BOU 070200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
07/0200Z NOVEMBER 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM CANARY ISLANDS
TAKEN AT 06/1300Z. LOCATIONS VALID AT 07 NOV 0000Z.
NO SUNSPOTS OBSERVED.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 06 NOV 0000Z.

NMBR LOCATION LO

0276 N12E25 044

0269 N03W43 112

0267 N16W86 155

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN	IMP	BEGIN	MAX	END	CLASS
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267	1F	06/0455Z	0506Z	0530Z	-
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III. NONE.

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HFUS 1 BOU 070600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 311A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 07 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL. NO SPOTS HAVE BEEN OBSERVED ON THE VISIBLE DISK. THE LIMBS ARE QUIET AND NO REGIONS ARE DUE TO RETURN AT THIS TIME.

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

II. THE GEOMAGNETIC FIELD HAS CONTINUED IN AN UNSETTLED CONDITION. NO CHANGE IS EXPECTED BUT DISTURBANCE ISN NOT EXPECTED TO REACH STORM INTENSITY.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

NOTE- A RECENT COMPARISION BETWEEN TWO YEARS OF FREDERICKSBURG AND PLANETARY MAGNETIC INDICES HAS SHOWN THAT AP APPEARS HIGHER THAN A FREDERICKSBURG. THEREFORE, BOTH INDICES WILL BE INCLUDED IN FUTURE FORECASTS. ONLY EXTRAPOLATED AP VALUES WILL BE GIVEN SINCE THE COMPUTATION AND PUBLICATION OF THE ACTUAL OBSERVED AP VALUES REQUIRE APPROXIMATELY THREE MONTHS.

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HXUS BOU 071300
STAFO 07003

THE 07/1300Z SHORT TERM RADIO FORECAST FOR 1400-2000Z IS U5
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HFUS BOU 071300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 311B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 7 NOV 1973

IA. NO SIGNIFICANT CHANGES IN THE SOLAR DISK HAVE BEEN REPORTED
DURING THE PAST 8 HOURS. FLARE ACTIVITY REMAINS MINIMAL.

IB. SOLAR ACTIVITY WILL CONTINUE LOW THROUGHOUT THE FORECAST PERIOD.

III. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE.
GENERALLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 48 HOURS.

IV. NO CHANGE

V. NO CHANGE

NOTE: A RECENT COMPARISON BETWEEN TWO YEARS OF FREDERICKSBURG
AND PLANETARY MAGNETIC INDICES HAS SHOWN THAT AP APPEARS HIGHER THAN
AFREDERICKSBURG. THEREFORE, BOTH INDICES WILL BE INCLUDED IN
FUTURE FORECASTS. ONLY EXTRAPOLATED AP VALUES WILL BE GIVEN SINCE
THE COMPUTATION AND PUBLICATION OF THE ACTUAL OBSERVED AP VALUES
REQUIRE APPROXIMATELY THREE MONTHS.

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 311
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 07 NOVEMBER 1973.

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY ONE, NON-ENERGETIC SUBFLARE REPORTED DURING THE LAST 24 HOURS. THIS FLARE OCCURRED IN NEW REGION 277 (N17E75) AT 1540Z, BUT NO ACTIVITY HAS BEEN OBSERVED SINCE THEN. THERE ARE NO SPOTS VISIBLE ON THE DISK.

IB. WITH NO SIGNIFICANT REGIONS DUE TO RETURN, SOLAR ACTIVITY SHOULD REMAIN VERY LOW THROUGH THE FORECAST PERIOD.

II. ACTIVE GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE LAST 24 HOURS, AND UNSETTLED CONDITIONS ARE FORECAST THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 NOV - 10 NOV.

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM. FLUX.

OBSERVED 07 NOV 73

PREDICTED 08 NOV - 10 NOV 72/72/73

90-DAY MEAN 07 NOV 92

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 06 NOV 09

ESTIMATED AFR/AP 07 NOV 19/22

PREDICTED AFR/AP 08 NOV - 10 NOV 12/13 - 10/11 - 10/11

NOTE: A RECENT COMPARISON BETWEEN TWO YEARS OF FREDERICKSBURG AND PLANETARY MAGNETIC INDICES HAS SHOWN THAT AP APPEARS HIGHER THAN A FREDERICKSBURG. THEREFORE, BOTH INDICES WILL BE INCLUDED IN FUTURE FORECAST. ONLY EXTRAPOLATED AP VALUES WILL BE GIVEN SINCE THE COMPUTATION AND PUBLICATION OF THE ACTUAL OBSERVED AP VALUES REQUIRE APPROXIMATELY THREE MONTHS.

SOLTERWARN

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HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 311

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