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KBOU

HOUS 2 BOU 200200

JOINT AFGWC/SESC REGION AND ACTIVITY SUMMARY ISSUED AT
20/0200Z SEPT 1973/

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN
AT 19/1545. LOCATIONS VALID AT 20 SEPT 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
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0227	N13E14	327	0030	C	06	03	BETA	
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MAGNETIC CLASS INFERRED AT BOULDER

0234	N06E85	258	----	-	--	--	SPOTS VISIBLE ON LIMB- NO FURTHER ANALYSIS POSSIBLE YET.	
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IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 20 SEPT 0000Z.

NMBR	LOCATION	LO	COMMENT
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0226	S09W05	347	WEAK, SCATTERED PLAGE
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0228	S14E13	330	SIMPLE, WEAK REGION
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0231	N02E62	281	SMALL, WEAK PLAGE
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0235	S11E90	253	RETURN OF REGION 211
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II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

EAST LIMB FOR ANTICIPATED RETURN OF OLD REGIONS 203 AND 213.

SPAN

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HFUS 1 BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 263A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 SEPTEMBER 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES OBSERVED DURING
THE LAST 8 HOURS. AS YET, THERE HAVE BEEN NO INDICATIONS OF ANY
LARGE ACTIVE REGIONS ROTATING OVER THE EAST LIMB WHICH COULD PRODUCE
ENERGETIC ACTIITY.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW TO LOW THROUGH THE FORE-
CAST PERIOD.

II. THE GEOMAGNETIC FIELD REMAINS QUIET, BUT A RECURRENT DISTURBANCE
SHOULD BEGIN LATE ON THE 20TH OR THE 21ST, RESULTING IN ACTIVE
CONDITIONS BY THE END OF THE FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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NNNN

KBOU

HFUS 1 BOU 201300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 236B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 20 SEPTEMBER 1973

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW, AND NO FLARES HAVE
BEEN REPORTED DURING THE PAST SEVEN HOURS. REGION 234 (N06E78)
CONTAINS AN H-TYPE SPOT AND SLIGHTLY ENHANCED, DIFFUSE PLAGE.
REGION 236 (N15E80) CONTAINS COMPACT, MODERATELY BRIGHT PLAGE
WITHOUT VISIBLE SPOTS.

REGIONS 234 AND 236 ARE MODERATELY INTENSE XUV AND LXR SOURCES.

IB. THE PRESENT VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO
CONTINUE THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS EXHIBITED SLIGHT DISTURBANCE DURING
THE PAST SEVEN HOURS. K-INDICES OF TWO HAVE BEEN OBSERVED AT
BOULDER. THE LEVEL OF DISTURBANCE IS EXPECTED TO INCREASE
SIGNIFICANTLY DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SPAN

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KBOU

HFUS BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 263

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 SEPTEMBER 1973.

IA. SOLAR ACTIVITY IS VERY LOW WITH NO FLARES REPORTED IN THE
PAST 24 HOURS. ALL REGIONS PRESENT ON THE DISK ARE WEAK AND
SHOW NO MARKED CHANGE. THE EAST LIMB REGIONS THAT HAVE ROTATED
INTO VIEW DURING THE PAST COUPLE OF DAYS HAVE PROVEN TO BE SMALL
AND UNPRODUCTIVE. MORE REGIONS SHOULD BE SHOWING AT EAST LIMB
LATER IN THE FORECAST PERIOD, BUT THEY ARE NOT EXPECTED TO BE
PARTICULARLY INTENSE OR TO HOLD MUCH POTENTIAL FOR ENERGETIC
FLARE ACTIVITY.

IB. FLARE ACTIVITY IS EXPECTED TO REMAIN LOW AND TO BE LIMITED
TO OCCASIONAL NON-ENERGETIC SUBFLARES.

II. GEOMAGNETIC ACTIVITY IS INCREASING AFTER THE PAST TWO DAYS
QUIET LEVELS, PRESUMABLY IN RESPONSE TO THE ONSET OF THE AN-
TICIPATED RECURRENT DISTURBANCE. THE FIELD IS EXPECTED TO BECOME
MORE UNSETTLED THROUGHOUT THE COMING DAY AND TO BE INCREASINGLY
ACTIVE TOWARD THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 21 SEP - 23 SEP.

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 20 SEP 091

PREDICTED 21 SEP - 23 SEP 093/096/098

90-DAY MEAN 20 SEP 090

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 19 SEP 02

ESTIMATED 20 SEP 13

PREDICTED 21 SEP - 23 SEP 18/24/30

SOLTERWARN

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