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KBOU

HOUS 2 BOU 210200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 21/0200Z SEPT 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 21/2230Z
LOCATIONS VALID AT 21 SEPT 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
0227	N13E03	326	0030	C	05	03	BETA	
0231	N04E46	283	0010	B	02	02	BETA	
0234	N04E70	259	0100	H	02	02	ALPHA	
0236	N13E78	251	0010	B	04	02	BETA	

NOTE: MAGNETIC CLASSIFICATIONS INFERRED AT BOULDER

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 21 SEPT 0000Z.

NMBR	LOCATION	LO	COMMENT
0226	S09W19	349	STABLE, QUIET
0228	S14W00	330	STABLE, QUIET
0235	S11E80	249	REGION TO UNNOTICEABLE TO POSITION ACCURATELY
0237	N22E81	248	STABLE, QUIET

II. NONE

III. NONE

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HFUS 1 BOU 210600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 264A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 SEPT 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED
DURING THE LAST 24 HOURS. NONE OF THE REGIONS ON THE DISK APPEAR
CAPABLE OF PRODUCING ENERGETIC ACTIVITY.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW TO LOW THROUGH
THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BECOME SLIGHTLY UNSETLED, AND
INCREASINGLY ACTIVE CONDITIONS ARE FORECAST DURING THE FORECAST
PERIOD DUE TO AN EXPECTED RECURRENT DISTURBANCE.

III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 SEP 02

ESTIMATED 20 SEP 08

PREDICTED 21 SEP- 23 SEP 18/24/30

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HFUS 1 BOU 211300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 264B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 21 SEPTEMBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO FLARES REPORTED IN OVER
36 HOURS. REGION 236 (N14E71) CONTINUES MODERATE GROWTH AND NOW HAS
A D-TYPE SUNSPOT GROUP. PROMINENCE NEAR NE15 HAS BEEN ACTIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW, LIMITED TO NON-ENERGETIC
SUBFLARES.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE NEAR 0800Z AND IS EXPECTED TO
REMAIN SO FOR THE BALANCE OF THE FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 SEP 02

ESTIMATED 20 SEP 08

PREDICTED 21 SEP - 23 SEP 18/24/30

SOLTERWARN

SPAN

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KBOU

HFUS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 264

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 SEPTEMBER 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY THREE FLARES
REPORTED IN THE LAST 24 HOURS. ALL THREE WERE IN REGION 236
(N13E64). THE FLARE AT 2017Z WAS AN IMPORTANCE ONE NORMAL WITH
NO X-RAYS, RADIO BURSTS OR IONOSPHERIC EFFECTS. ALL REGIONS
ARE WEAK AND INACTIVE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW THIS PERIOD. SEVERAL
REGIONS ARE DUE TO RETURN THIS PERIOD, BUT NONE ARE EXPECTED TO
BE VERY ACTIVE.

II. A RECURRING GEOMAGNETIC DISTURBANCE STARTED TODAY AND IS
EXPECTED TO INCREASE TOMORROW AND THEN SLOWLY DECREASE. UN-
SETLED CONDITIONS ARE EXPECTED DURING DAYTIME AND POSSIBLE
MINOR STORM CONDITIONS AT NIGHT.

III. EVENT PROBABILITIES 22 SEP - 24 SEP.

CLASS M 10/12/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 21 SEP 94

PREDICTED 22 SEP - 24 SEP 98/100/102

90-DAY MEAN 21 SEP 89

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 20 SEP 08

ESTIMATED 21 SEP 20

PREDICTED 22 SEP - 24 SEP 28/25/20

SOLTERWARN

SPAN

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