

NNNN

KBOU

HOUS 2 BOU 290200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
29/0200 NOV 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
28/1815. LOCATIONS VALID AT 29 NOV 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
0284	S11W69	207	0020	B	05	02	BETA	
0287	S10W15	153	0150	C	11	20	BETA-GAMMA	
0291	N05W47	185	0050	C	07	06	BETA	
0292	S16W13	151	0030	C	04	07	BETA	

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 29 NOV 0000Z.

NMBR	LOCATION	LO
0289	S13E08	133

II. NONE

III. NONE

SOLTERWARN

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HFUS 1 BOU 290600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 333A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 29 NOV 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY ONE SUBFLARE
REPORTED DURING THE LAST 22 HOURS. THIS FLARE OCCURRED IN REGION
287(S20W18) WHICH APPEARS TO BE REDEVELOPING WITH CONSIDERABLE
WHITE LIGHT GROWTH NORTHWEST OF THE LEADER SPOTS AND SOME CORRESPOND-
ING DEVELOPMENT IN H-ALPHA. NEARBY REGION 292(S16W16) HAS ALSO
SHOWN SOME SLIGHT GROWTH. A NEW BIPOLAR REGION (293) HAS DEVELOPED
AT S08W43 AND CONTINUES TO GROW BUT HAS NOT PRODUCED ANY ACTIVITY
AS YET.

IB. THE REDEVELOPMENT IN REGION 287 SUGGESTS THAT THE FLARE
PROBABILITIES SHOULD REMAIN AT A MODERATE LEVEL WITH A GOOD CHANCE
OF AN M EVENT DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE LAST 24 HOURS
AND SHOULD REMAIN QUIET FOR THE NEXT 2 DAYS, BECOMING UNSETTLED
BY THE END OF THE PERIOD.

III. EVENT PROBABILITIES 29 NOV - 01 DEC

CLASS M 35/35/35

CLASS X 08/08/08

PROTON 01/01/01

PCAF GREEN

IV. NO CHANGE

V. NO CHANGE

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IB. THE REDEVELOPMENT IN REGION 287 SUGGESTS THAT THE FLARE
PROBABILITIES SHOULD REMAIN AT A MODERATE LEVEL WITH A GOOD CHANCE
OF AN M EVENT DURING THE FORECAST PERIOD.

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III. EVENT PROBABILITIES 29 NOV - 01 DEC

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PROTON 01/01/01

PCAF GREEN

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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KBOU

HFUS BOU 291300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 333B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 29 NOV 1973

IA. NO SIGNIFICANT CHANGES IN THE SOLAR DISK HAVE BEEN REPORTED
DURING THE PAST 7 HOURS AND FLARE ACTIVITY REMAINS AT A VERY LOW
LEVEL.

IB. ALTHOUGH FLARE ACTIVITY REMAINS LOW, REGION 287 (S10W20)
RETAINS ITS POTENTIAL FOR ENERGETIC FLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET EXCEPT FOR A SHARP
PERTURBATION NEAR 290915 UT. GENERALLY QUIET CONDITIONS ARE EXPECT
TO PERSIST UNTIL LATE IN THE FORECAST PERIOD AT WHICH TIME THE FIEL
SHOULD BECOME SLIGHTLY ACTIVE.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 333

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN LOW WITH ONLY TWO SUBFLARES OBSERVED
DURING THE PAST 24 HOURS. REGION 287 (S09W26) HAS BEEN STABLE
AND INACTIVE SINCE A SUB NORMAL FLARE AT 0456Z. NEW REGION
293 (S09W51) HAS SHOWN SPOT AND PLAGE GROWTH BUT NO SIGNIFICANT
ACTIVITY. OTHER REGIONS AND THE LIMBS HAVE BEEN QUIET. THE EAST
LIMB HAS BEEN SLIGHTLY ENHANCED IN EUV AND LXR AT APPROXIMATELY
NE 10 BUT NO PARTICULAR OLD REGION IS EXPECTED.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW. HOWEVER, THE EUV
ENHANCEMENT AND TODAY'S RISE IN THE 10 CM FLUX MAY INDICATE THE
IMMINENT ARRIVAL OF ACTIVITY OVER THE EAST LIMB. REGION 287
CONTINUES TO BE CAPABLE OF SIGNIFICANT ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO
CONTINUE QUIET TO UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 NOV - 02 DEC

CLASS M 35/35/35

CLASS X 08/08/08

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 NOV 98

PREDICTED 30 NOV - 02 DEC 98/98/98

90-DAY MEAN 29 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 NOV 04

ESTIMATED AFR/AP 29 NOV 04/05

PREDICTED AFR/AP 30 NOV - 02 DEC 07/08 - 11/12 - 09/10

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