

HFUS 1 BOU 280600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 332A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 28 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS DECREASED CONSIDERABLY WITH ONLY ONE SUB-
FLARE REPORTED DURING THE LAST 24 HOURS. THIS FLARE OCCURRED IN
REGION 284 (S11W58), A SIMPLE DECAYING REGION. REGION 287 (S10W04)
REMAINS THE MOST INTERESTING REGION ON THE DISK. ALTHOUGH THE REGION
HAS DECAYED DURING THE LAST 24 HOURS, SOME SPOT GROWTH HAS OCCURRED
IN THE TRAILER PORTION, AND NEARBY REGION 292 (S16W01) CONTINUES
TO SHOW SLOW GROWTH. THUS, THERE IS STILL A GOOD CHANCE OF ANOTHER M
CLASS EVENT FROM REGION 287 DURING THE NEXT COUPLE OF DAYS.

IB. LOW TO MODERATE SOLAR ACTIVITY SHOULD CONTINUE.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET AND SHOULD CONTINUE
QUIET FOR THE NEXT 2 DAYS, BECOMING UNSETTLED BY THE END OF THE
FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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KBOU

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IA. SOLAR ACTIVITY HAS DECREASED CONSIDERABLY WITH ONLY ONE SUB-
FLARE REPORTED DURING THE LAST 24 HOURS. THIS FLARE OCCURRED IN
REGION 284 (S11W58), A SIMPLE DECAYING REGION. REGION 287 (S10W04)
REMAINS THE MOST INTERESTING REGION ON THE DISK. ALTHOUGH THE REGION
HAS DECAYED DURING THE LAST 24 HOURS, SOME SPOT GROWTH HAS OCCURRED
IN THE TRAILER PORTION, AND NEARBY REGION 292 (S16W01) CONTINUES
TO SHOW SLOW GROWTH. THUS, THERE IS STILL A GOOD CHANCE OF ANOTHER M
CLASS EVENT FROM REGION 287 DURING THE NEXT COUPLE OF DAYS.

IB. LOW TO MODERATE SOLAR ACTIVITY SHOULD CONTINUE.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET AND SHOULD CONTINUE
QUIET FOR THE NEXT 2 DAYS, BECOMING UNSETLED BY THE END OF THE
FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 281300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 332B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 28 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. AN APR EXISTS AT N25W90. REGION 287 (S10W07) HAS DEVELOPED NEW SPOTS NORTHEAST OF THE LEADER AND NOW HAS AN ARCH-FILAMENT SYSTEM. IT IS STILL CAPABLE OF SIGNIFICANT ACTIVITY. ALL OTHER REGIONS ARE RELATIVELY INACTIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN SO FOR THE NEXT 48 HOURS, BECOMING UNSETTLED THEREAFTER.

III. EVENT PROBABILITIES 28 NOV - 30 NOV

CLASS M 40/30/20

CLASS X 10/08/05

PROTON 02/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 NOV 91

PREDICTED 28 NOV - 30 NOV 90/89/88

90-DAY MEAN 27 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 NOV 17

ESTIMATED AFR/AP 27 NOV 08/09

PREDICTED AFR/AP 28 NOV - 30 NOV 05/06 - 05/06 - 10/11

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HOUS 2 BOU 280200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
28/0200 NOV 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
27/1700. LOCATIONS VALID AT 28 NOV 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
0284	S11W55	207	0010	A	01	01	ALPHA	
0287	S10W01	157	0250	E	12	19	BETA-GAMMA	
0291	N05W33	185	0050	C	07	09	BETA	
0292	S16E02	150	0010	A	03	03	ALPHA	

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 28 NOV 0000Z.

NMBR	LOCATION	LO
0289	S15E19	133

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN	IMP	BEGIN	MAX	END	CLASS
0287	IN	27/0312Z	0314Z	0322Z	M-1

III. AREAS OF SPECIAL INTEREST-

NONE

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HFUS BOU 282200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 332
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 NOVEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN LOW WITH ONLY TWO SUBFLARES OBSERVED
IN THE PAST 24 HOURS. REGION 287 (S10W14) HAS SHOWN SPOT AND
PLAGE GROWTH BUT NO ACTIVITY. TOGETHER WITH REGION 292 (S16W12)
WHICH HAS ALSO SHOWN PLAGE GROWTH THIS AREA APPEARS CAPABLE OF
PRODUCING ENERGETIC ACTIVITY. THE LIMBS AND REST OF THE DISK HAS
BEEN RELATIVELY QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW WITH THE POSSIBLE
EXCEPTION OF SIGNIFICANT ACTIVITY FROM THE REGION 287/292
COMPLEX.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO
CONTINUE QUIET FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 29 NOV - 01 DEC

CLASS M 35/25/20

CLASS X 08/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 NOV 93

PREDICTED 29 NOV-01 DEC 92/91/89

90-DAY MEAN 28 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 NOV 09

ESTIMATED AFR/AP 28 NOV 05/06

PREDICTED AFR/AP 29 NOV-01 DEC 03/04 - 05/06 - 11/12

SOLTERWARN

SPAN

BT