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KBOU

HOUS 2 BOU 260200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
26/0200Z OCT 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
25/1730Z.

LOCATIONS VALID AT 26 OCT 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
0262	N15W24	209	0025	C	03	03	BETA	
0264	S13E27	200	0370	D	09	09	BETA	
0265	N22E35	192	0010	A	01	01	ALPHA	
0266	N12E61	166	0045	H	01	01	ALPHA	
0267	N17E74	153	0055	H	02	03	ALPHA	

MAGNETIC TYPE AS REPORTED BY MOUNT WILSON

IA. NONE

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN	IMP	BEGIN	MAX	END	CLASS
UNKNOWN	UNKNOWN	250820	0832	AFTER 0920	C1

III. AREAS OF SPECIAL INTEREST-

RAPID GROWTH IN 262.

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HFUS 1 BOU 260600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 299A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 OCTOBER 1973

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 264 (S13E24) HAS DECLINED IN WHITE LIGHT AND H-ALPHA, BUT APPEARS SLIGHTLY ENHANCED IN UV AND X-RAY MAPS. THE REGION HAS PRODUCED POINT BRIGHTENINGS AND SUBFLARES. REGION 267 (N17E71) HAS ALSO PRODUCED SUBFLARES, BUT REMAINS SMALL AND MAGNETICALLY SIMPLE. FLARE ACTIVITY IN REGION 262 DECLINED EARLIER, AND DECAY IS EVIDENT. BOTH OF THE OTHER ACTIVE REGIONS CURRENTLY ON THE DISK ARE QUIET.

IB. CONTINUED SUBFLARES FROM 264 AND 267 SHOULD CONTINUE, BUT WILL NOT BE ENERGETIC. NO RETURNING REGIONS ARE EXPECTED TOMORROW.

II. THE GEOMAGNETIC FIELD WAS SLIGHTLY MORE ACTIVE DURING THE LAST 6 HOURS, BUT ONLY IN COMPARISON TO THE EXTREME QUIET CONDITIONS THAT PREVAILED. NO ACTIVITY IS ANTICIPATED FOR THE NEXT 48 HOURS. PROTON FLUXES NEAR EARTH REMAIN AT BACKGROUND.

III. EVENT PROBABILITIES 26 OCT - 28 OCT

CLASS M	25/20/15
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	25 OCT 102
PREDICTED	26 OCT-28 OCT 103/104/104
90-DAY MEAN	25 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	24 OCT 07
ESTIMATED	25 OCT 02
PREDICTED	26 OCT-28 OCT 08/08/12

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SDF NUMBER 299A

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OBSERVED	25 OCT 102
PREDICTED	26 OCT-28 OCT 103/104/104
90-DAY MEAN	25 OCT S1

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	24 OCT 07
ESTIMATED	25 OCT 22
PREDICTED	26 OCT-28 OCT 08/08/12

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HFUS 1 BOU 261300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 299B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 26 OCTOBER 1973
IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY FOUR NON-ENERGETIC
SUBFLARES REPORTED THUS FAR TODAY.
IB. A FEW SUBFLARES ARE LIKELY IN REGIONS 264 (S13E20) AND 267 (N17E67)
BUT ACTIVITY IS EXPECTED TO REMAIN LOW.
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO MILDLY UNSETLED
CONDITIONS WILL CONTINUE THROUGHOUT THE FORECAST PERIOD.
III. EVENT PROBABILITIES 26-28 OCT
CLASS M 25/20/15
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 25 OCT 102
PREDICTED 26-28 OCT 103/104/104
90-DAY MEAN 25 OCT 91
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 24 OCT 07
ESTIMATED 25 OCT 02
PREDICTED 26-28 OCT 04/06/08
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HFUS 1 BOU 261300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 299B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 26 OCTOBER 1973

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III. EVENT PROBABILITIES 26-28 OCT

CLASS M 25/20/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 OCT 102

PREDICTED 26-28 OCT 103/104/104

90-DAY MEAN 25 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 OCT 07

ESTIMATED 25 OCT 02

PREDICTED 26-28 OCT 04/06/08

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HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 299

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 OCTOBER 1973.

IA. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. REGIONS 267 (N16E62) AND 264 (S13E16) COMBINED TO PRODUCE A TOTAL OF 5 SUBFLARES SO FAR THIS ZULU DAY. REGION 264 IS NOW A BETA GAMMA DELTA MAGNETICALLY AND IS ALSO GROWING IN H-ALPHA. ITS PLAGUE IS SLIGHTLY ENHANCED, BETTER STRUCTURED AND MORE COMPLEX THAN YESTERDAY. THE REMAINING DISK FEATURES ARE UNCHANGED.

IB. ADDITIONAL SUBFLARE ACTIVITY IS EXPECTED FROM REGIONS 267 AND 264. INCREASINGLY ENERGETIC ACTIVITY IS LIKELY FROM 264.

II. THE GEOMAGNETIC FIELD IS QUIET AND SHOULD REMAIN SO UNTIL 29 OCT WHEN UNSETLED TO SLIGHTLY ACTIVE CONDITIONS ARE EXPECTED.

III. EVENT PROBABILITIES 27 OCT - 29 OCT.

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 26 OCT 102

PREDICTED 27 OCT - 29 OCT 103/103/102

90-DAY MEAN 26 OCT 92

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 25 OCT 05

ESTIMATED 26 OCT 03

PREDICTED 27 OCT - 29 OCT 06/08/12

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