

NNNN

KBOU

HOUS 2 BOU 120200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
120200Z DEC 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT  
11/2040. LOCATIONS VALID AT 12 DEC 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
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0296	N02E21	306	0050	H	02	01	ALPHA
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0298	S19W23	350	0010	B	02	03	BETA
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MAGNETIC CLASSIFICATION FROM MT. WILSON

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 12 DEC 0000Z.

NMBR	LOCATION	LO
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0294	N13W79	048
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0297	S10E84	243
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II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

NONE

III. AREAS OF SPECIAL INTEREST-

NONE

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HFUS 1 BOU 120600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 346A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 12 DECEMBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO FLARES REPORTED IN THE  
LAST 46 HOURS. ONLY TWO REGIONS 296 (N02E18) AND 298 (S19W26) HAVE  
SPOTS. REGION 298 IS A NEW BIPOLE, BUT IS SMALL AND INACTIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW WITH NO ENERGETIC  
EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED AND SHOULD  
REMAIN SO FOR THE NEXT 48 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 120600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 346A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 12 DECEMBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO FLARES REPORTED IN THE LAST 46 HOURS. ONLY TWO REGIONS 296 (N02E18) AND 298 (S19W26) HAVE SPOTS. REGION 298 IS A NEW BIPOLE, BUT IS SMALL AND INACTIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW WITH NO ENERGETIC EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED AND SHOULD REMAIN SO FOR THE NEXT 48 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 121300  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 346B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 12 DECEMBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY A SINGLE SUBFLARE REPORTED. THE FEW SMALL REGIONS PRESENT SHOW LITTLE CHANGE AND HAVE LOW FLARE POTENTIAL.

IB. ACTIVITY IS EXPECTED TO CONTINUE AT LOW LEVELS. ONLY INFREQUENT NON-ENERGETIC SUBFLARES ARE AT ALL LIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO BECOME UNSETLED AS THE FORECAST PERIOD PROGRESSES.

III. EVENT PROBABILITIES 12 DEC - 14 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 DEC 74

PREDICTED 12 DEC - 14 DEC 78/79/80

90-DAY MEAN 11 DEC 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 DEC 08

ESTIMATED AFR/AP 11 DEC 08/09

PREDICTED AFR/AP 12 DEC - 14 DEC 07/08 - 09/10 - 12/13

SOLTERWARN

SPAN

BT

KBOU

HFUS 1 BOU 121300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 346B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 12 DECEMBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY A SINGLE SUBFLARE  
REPORTED. THE FEW SMALL REGIONS PRESENT SHOW LITTLE CHANGE AND HAVE  
LOW FLARE POTENTIAL.

IB. ACTIVITY IS EXPECTED TO CONTINUE AT LOW LEVELS. ONLY INFREQUENT  
NON-ENERGETIC SUBFLARES ARE AT ALL LIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO BECOME  
UNSETTLED AS THE FORECAST PERIOD PROGRESSES.

III. EVENT PROBABILITIES 12 DEC - 14 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 DEC 74

PREDICTED 12 DEC - 14 DEC 78/79/80

90-DAY MEAN 11 DEC 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 DEC 08

ESTIMATED AFR/AP 11 DEC 08/09

PREDICTED AFR/AP 12 DEC - 14 DEC 07/08 - 09/10 - 12/13

SOLTERWARN

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 346  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 12 DECEMBER 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY ONE SUBFLARE  
OBSERVED DURING THE PAST 24 HOURS. REGION 296 (N02E10) HAS  
SHOWN SLIGHT SPOT GROWTH AND PLAGE ENHANCEMENT BUT HAS BEEN IN-  
ACTIVE SINCE A SUBFLARE AT 0851Z. REGIONS 297 (S14E71) AND  
298 (S21W33) HAVE BEEN STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW WITH ONLY  
NONENERGETIC SUBFLARES LIKELY. NO OLD REGIONS ARE DUE TO  
RETURN DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24  
HOURS AND IS EXPECTED TO BE QUIET TO UNSETTLED DURING THE NEXT  
72 HOURS.

III. EVENT PROBABILITIES 13 DEC - 15 DEC.

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 12 DEC 75

PREDICTED 13 DEC - 15 DEC 76/78/79

90-DAY MEAN 12 DEC 87

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 11 DEC 07

ESTIMATED AFR/AP 12 DEC 03/04

PREDICTED AFR/AP 13 DEC - 15 DEC 05/06 - 07/08 - 10/11

SOLTERWARN

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