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HOUS 2 BOU 130200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
13/0200Z JAN 1973

I. SUNSPOT DATA FROM CANARY IS. AT 12/0900Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

519 N13W67 119 0150 E 15 13 BETA

006 S14E33 019 0010 H 00 01 ALPHA

MAGNETIC CLASSIFICATIONS-

RGN 519 FROM MT. WILSON

RGN 006 INFERRED AT CANARY IS.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN	IMP	BEGIN	MAX	END	CLASS
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519	1B	12/1155Z	1204Z	1210Z	MS
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519	1N	12/1210Z	1211Z	1300Z	M
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519	1F	12/1713Z	1715Z	1726Z	<del>C</del>
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519	1N	12/1816Z	1822Z	1840Z	MS
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III. AREAS OF SPECIAL INTEREST-

MT. WILSON DATA INDICATES A MODERATE GRADIENT IN THE LEADING  
PART OF RGN 519.

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 013A

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 13 JANUARY 1973

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 013B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 13 JANUARY 1973

IA. REGION 519(N13W80) HAS PRODUCED FOUR CLASS ONE FLARES IN THE  
LAST 24 HOURS. OTHER REGIONS HAVE BEEN UNINTERESTING. OLD REGION  
508(N13E78) HAS RETURNED AS A LARGE H TYPE GROUP.

IB. REGION 519 APPEARS CAPABLE OF ENERGETIC ACTIVITY BEFORE IT  
COMPLETES WEST LIMB PASSAGE ON 14 JAN.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. INTER-  
MITTENT ACTIVE PERIODS ARE EXPECTED FOR THE NEXT 12 TO 24 HOURS.

III. EVENT PROBABILITIES 13 - 15 JAN

CLASS M 50/30/20

CLASS X 05/05/02

PROTON 10/05/02

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JAN 107

PREDICTED 13 - 15 JAN 107/106/106

90-DAY MEAN 12 JAN 111

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JAN 18

ESTIMATED 12 JAN 24

PREDICTED 13 - 15 JAN 16/12/10

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HFUX BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 013

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z JAN 1973

IA. LIMB ACTIVITY CONSISTING OF SMALL SURGES AND ACTIVE  
PROMINENCES IS OCCURRING IN THE NORTHWEST AS REGION 519 ROTATES  
OFF THE DISK. A SMALL CLASS M X-RAY BURST AT 0449Z TODAY WAS  
PROBABLY ASSOCIATED WITH THIS REGION. REGION 008 /N12E80/ IS NOW  
COMPLETELY ON THE VISIBLE DISK. ITS SPOT GROUP IS A TYPE H AND ITS  
ASSOCIATED OSO-7 EUV FLUX HAS DECLINED SINCE WEST LIMB PASSAGE  
ON 29 DECEMBER.

IB. SMALL CLASS M ACTIVITY IS POSSIBLE FROM REGION 519 DURING THE  
EARLY PART OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS UNSETTLED AND UNSETTLED CONDITIONS  
ARE EXPECTED DURING THE NEXT 72 HOUR PERIOD.

III. EVENT PROBABILITIES 14 - 16 JAN

CLASS M 45/25/20

CLASS X 03/02/01

PROTON 03/02/01

PCFC GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JAN 106

PREDICTED 14 - 16 JAN 105/103/105

90-DAY MEAN 13 JAN 111

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JAN 20

ESTIMATED 13 JAN 12

PREDICTED 14 - 16 JAN 10/10/08

SOLTERWARN

SPAN

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