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HOUS 2 BOU 090200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
09/0200Z FEB 1973.

I. SUNSPOT DATA FROM ATHENS AT 08/0742Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

029 N05E44 012 0070 C 06 06 BETA

030 N09E40 016 0150 H 02 01 ALPHA

031 N13E27 029 0000 A 00 01 BETA

032 S13E69 347 0000 A 00 01 ALPHA

033 SEE NOTE

NOTE: MAGNETIC CLASSIFICATIONS FROM MT. WILSON. MT. WILSON  
ALSO REPORTS REGION 033 AS A ONE SPOT ALPHA TYPE REGION  
LOCATED AT S04E79 AT TIME 08/1635Z. NO AREA OR EXTENT AVAILABLE  
FOR THIS REGION AS YET.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

NONE

III. AREAS OF SPECIAL INTEREST-

NONE

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HFUS 1 BOU 090600

SDF NUMBER 040A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACITIVITY  
ISSUED 0600Z 09 FEB 1973.

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 040B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 09 FEBRUARY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH NO FLARES HAVING BEEN  
REPORTED DURING THE PAST 24 HOURS. REGION 029(N06E30) IS CURRENTLY  
SHOWING GROWTH IN BOTH WHITE LIGHT AND HALPHA. SMALL SURGES HAVE  
BEEN REPORTED NEAR SE17. HOWEVER, CORONAL ENHANCEMENT, AS SHOWN  
BY 9.1 CM AND OSO-7 MAPS, IS STRONGEST FROM SE05-10.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. UNSETTLED CONDITIONS  
ARE EXPECTED FOR THE BALANCE OF THE PERIOD, WITH A GRADUAL  
TREND TOWARD QUIETER CONDITIONS.

III. EVENT PROBABILITIES 09 - 11 FEB

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 FEB 103

PREDICTED 09-11 FEB 105/106/107

90-DAY MEAN 08 FEB 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 FEB 12

ESTIMATED 08 FEB 21

PREDICTED 09 -11 FEB 19/10/08

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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 040

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 09 FEBRUARY 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO FLARES HAVE BEEN REPORTED IN THE PAST 24 HOURS. REGION 029 /N08E22/ HAS EXPERIENCED GROWTH IN THE TRAILER AND MAY NOW HAVE A DELTA CONFIGURATION-THE BRIGHT PLAGE IN THIS REGION HAS BEEN FLUCTUATING. REGION 030 /N11E20/ IS NOW BIPOLAR, WITH A TRAILER LOCATED NE OF THE MAIN SPOT. THERE IS SOME EVIDENCE THAT REGIONS 029 AND 030 HAVE BEEN ROTATING CLOSER TO EACH OTHER.

IB. GROWTH OF REGION 029 AND ANALYSIS OF SACRAMENTO PEAK MAGNETOGRAMS INDICATES INCREASING FIELD GRADIENTS IN REGIONS 029/030. INCREASED CLASS C FLARE ACTIVITY FROM THIS REGION IS HIGHLY PROBABLE AND MODERATE CLASS M ACTIVITY IS QUITE POSSIBLE. CLASS X ACTIVITY IS POSSIBLE IN THE NEXT 48 HOURS IF GROWTH CONTINUES.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY ACTIVE. UNSETTLED CONDITIONS WITH A GRADUAL QUIETING TREND ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 10 FEB - 12 FEB.

CLASS M 30/40/40

CLASS X 02/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 09 FEB 104

PREDICTED 10 FEB - 12 FEB 106/107/107

90-DAY MEAN 09 FEB 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 08 FEB 17

ESTIMATED 09 FEB 15

PREDICTED 10 FEB - 12 FEB 10/08/06

SOLTERWARN

SPAN

BT