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HOUS 2 BOU 020200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 02/0200Z JUNE 1973.

I. REGION WITH SUNSPOTS. DATA FROM BOULDER. LOCATIONS VALID AT 02/0000Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0117 N16W74 072 0040 H 01 03 ALPHA

0122 S15E08 350 0010 A 00 01 ALPHA

NOTE: MAGNETIC CLASSIFICATIONS INFERRED AT BOULDER

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 02/0000Z.

NMBR LOCATION LO

0115 N13W49 046

0118 S12E22 335

0119 N11E02 355

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

RGN	IMP	BEGIN	MAX	END
117	IF	01/1300Z	1302	1340

III. AREAS OF SPECIAL INTEREST:

REGION 117 (N16W75)

IN ORDER TO MEET OPERATIONAL REQUIREMENTS OF THE ATM EXPERIMENTERS ABOARD SKYLAB A SECTION IA WILL BE ADDED TO THE JOINT AESU/SESC REGION AND ACTIVITY SUMMARY ISSUED AT 0200Z DAILY. PART IA WILL GIVE REGION NUMBERS, LOCATIONS, AND CARRINGTON LONGITUDES FOR THOSE H-ALPHA PLAGES WITHOUT SPOTS WHICH THE ATM WILL BE STUDYING. A SINGLE SERIES OF REGION NUMBERS WILL BE USED FOR ALL REGIONS. LOCATIONS OF ALL REGIONS WILL BE ROTATED TO 0000Z ON THE DATE OF ISSUE. A SOLAR ROTATION RATE OF 0.55 DEGREES PER HOUR WILL BE USED TO ROTATE LOCATIONS FROM THE TIME OF OBSERVATION TO 0000Z. THESE CHANGES WILL BE EFFECTIVE 25 MAY THROUGH THE END OF ATM OPERATIONS.

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HFUS 1 BOU 020600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 153A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 02 JUNE 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS
ONLY ONE REGION NOW ON THE VISIBLE DISK.

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 021300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 153B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 02 JUNE 1973

IA. DESPITE THE REPORT FROM THE TEHRAN OBSERVATORY, THE SUN HAS
NOT DIED. SOLAR ACTIVITY HAS BEEN VERY LOW, HOWEVER, WITH ONLY ONE
SUBFAINT FLARE REPORTED SINCE THE LAST PRIMARY REPORT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, WITH NO
RETURNING REGIONS EXPECTED, AND ONLY TWO DECAYING ACTIVE REGIONS
ON THE VISIBLE DISK.

II. THE GEOMAGNETIC FIEND BECAME SLIGHTLY UNSETLED AT 020700Z,
WITH A MAGNETIC BAY. UNSETLED CONDITIONS SHOULD CONTINUE DURING
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 02 JUN - 04 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 1 JUN 83

PREDICTED 02 JUN - 04 JUN 81/80/80

90-DAY MEAN 1 JUN 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 MAY 04

ESTIMATED 1 JUN 04

PREDICTED 2 JUN 4 JUN 14/12/12

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HFUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 153

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 02 JUNE 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY TWO SUBFLARES REPORTED TODAY. REGION 117 (N16W85), A SMALL PLAGE WITH AN 'A' TYPE SPOT GROUP, WILL ROTATE OFF THE DISK EARLY IN THE FORECAST PERIOD. A NEW GROUP IS DEVELOPING NEAR S16W14. OTHER DISK FEATURES ARE STABLE AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE SINCE 0700Z TODAY. UNSETTLED CONDITIONS SHOULD CONTINUE DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 03-05 JUNE

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JUNE 81

PREDICTED 03-05 JUNE 80/78/78

90-DAY MEAN 02 JUNE 101

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 JUNE 03

ESTIMATED 02 JUNE 16

PREDICTED 03-05 JUNE 12/10/08

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