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HOUS 2 BOU 140200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 140200Z JUNE 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER

TAKEN AT 131530Z. LOCATIONS VALID AT 14 JUNE 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0127 N14W69 271 0080 C 11 16 DELTA

0131 N17W09 211 0070 C 07 11 BETA

0132 S14W09 211 0010 C 04 02 BETA

0137 N14E48 154 0280 D 07 25 DELTA

NOTE: MAGNETIC CLASSES OBSERVED AT BOULDER FOR REGIONS

127 AND 137, INFERRED FOR REGIONS 131 AND 132.

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 14 JUNE 0000Z.

NMBR LOCATION LO

0135 S12E07 195

0136 N15W32 234

0138 N13E01 201

0140 S11E80 122

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

RGN	IMP	BEGIN	MAX	END	CLASS
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137	1N	13/1756Z	1801Z	1848Z	-----
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III. AREAS OF SPECIAL INTEREST:

REGION 137.

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HFUS 1 BOU 140600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 165A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 14 JUNE 1973

IA. SOLAR ACTIVITY REMAINS LOW. THREE LOW LEVEL CLASS C X-RAY
EVENTS HAVE OCCURRED DURING THE PAST 8 HOURS WITH NO OPTICAL
COUNTERPARTS BEING REPORTED. A SMALL REGION IS EMERGING NEAR N14E56.

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 141300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 165B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 14 JUNE 1973

IA. CLASS C SUBFLARE ACTIVITY HAS INCREASED IN THE TRAILING PART OF REGION 127 (N14W75) WHERE SLOW SPOT GROWTH IS OCCURRING. A NEW GROUP, REGION 141 (N14E48), IS DEVELOPING NEAR THE TRAILING PART OF REGION 137 (N14E42). REGION 137, ALTHOUGH PRESENTLY STABLE, MAY BECOME UNSTABLE DUE TO THE DEVELOPMENT OF REGION 141.

IB. FLARE ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY WITH SMALL CLASS M EVENTS POSSIBLE IN REGIONS 127 AND 137.

II. THE GEOMAGNETIC FIELD IS ACTIVE AND IS EXPECTED TO REMAIN SO FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 14 JUN - 16 JUN

CLASS M 40/50/55

CLASS X 02/03/04

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JUN 93

PREDICTED 14 - 16 JUN 94/95/96

90-DAY MEAN 13 JUN 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JUN 24

ESTIMATED 13 JUN 20

PREDICTED 14 - 16 JUN 20/20/20

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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 165

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 JUNE 1973:

IA. SOLAR ACTIVITY CONTINUES TO INCREASE SLOWLY, AS 10 SUBFLARES
(MOSTLY IN REGION 127 AT N13W79) HAVE BEEN REPORTED. A NEW
REGION (141) HAS APPEARED AT N16E38 AND HAS PRODUCED MINOR
FLARE ACTIVITY. THE TRAILING PORTION OF REGION 127 IS DE-
VELOPING, ACCOUNTING FOR INCREASED ACTIVITY THERE. REGION 137
(N13E35) HAS BECOME SOMEWHAT STABLE. A NEW PLAGE (142) AT S04-07
IS VISIBLE ON THE EAST LIMB. THIS REGION IS PROBABLY THE
RETURN OF 114. AT PRESENT THE VISIBLE PLAGE IS NOT ACTIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLOWLY THIS FORECAST
PERIOD, DUE TO DEVELOPMENT IN REGIONS 141 AND 127 AND THE
APPEARANCE OF REGION 142.

II. THE GEOMAGNETIC FIELD IS UNSETTLED TO ACTIVE AND IS EX-
PECTED TO REMAIN SO THE REMAINDER OF THIS PERIOD.

III. EVENT PROBABILITIES 15 JUN - 17 JUN.

CLASS M 50/55/60

CLASS X 05/10/10

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 14 JUN 96

PREDICTED 15 JUN - 17 JUN 97/98/99

90-DAY MEAN 14 JUN 98

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 13 JUN 19

ESTIMATED 14 JUN 20

PREDICTED 15 JUN - 17 JUN 20/20/20

SOLTERWARN

SPAN

BT