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HOUS 2 BOU 120200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 120200Z JUL 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM PALEHUA TAKEN AT 11/1824Z. LOCATIONS VALID AT 12 JULY 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0158 N13W85 272 0040 D 08 06 BETA-GAMMA

0166 S11W08 195 0001 B 02 03 BETA

MAGNETIC CLASS INFERRED AT PALEHUA

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 12/0000Z

NMBR LOCATION LO

0157 S08W86 275

0160 S18W09 196

0162 N01W61 248

0164 S20E12 174

0165 S11E32 155

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 193A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 12 JULY 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 12 HOURS.

REGION 158(N13W88) IS NOW ON THE WEST LIMB AND IS DECLINING AS
IT CROSSES THE LIMB.

IB. NEW REGION 166(S11W10) SEEMS TO HAVE STABILIZED AND NO OTHER
REGIONS CURRENTLY ON THE DISK APPEAR TO HAVE ENERGETIC
POTENTIAL.

II. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY QUIET FOR THE PAST
12 HOURS. IT IS EXPECTED TO REMAIN QUIET.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 121300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 193B

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. RGN 158 HAS COMPLETED WEST LIMB
TRANSIT AT N13, AND THE SUN WAS REPORTED SPOTLESS AT 1112Z. NO FLARES
HAVE BEEN REPORTED THIS ZULU DAY. NEW RGN 166 (S11W15) HAS STOPPED
GROWING.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL AT LEAST UNTIL
THE RETURN OF RGN 147 ON 14 JULY.

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 193

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 12 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY ONE SUBFLARE
REPORTED IN THE LAST 24 HOURS. THERE ARE NO SIGNIFICANT REGIONS
ON THE SUN AT PRESENT. THE WEST LIMB HAS EXHIBITED MINOR SURGE
AND PROMINENCE ACTIVITY. THE OSO SATELLITE EUV MAP SHOWS A
SLIGHT ENHANCEMENT ON THE SOUTHEAST LIMB.

IB. ACTIVITY SHOULD REMAIN LOW UNLESS OLD REGION 147, DUE BACK ON
14 JULY, PROVES TO BE ACTIVE.

II. THE GEOMAGNETIC FIELD IS UNSETTLED AND SHOULD REMAIN
SO FOR THIS PERIOD, HOWEVER THERE IS A CHANCE IT COULD BECOME
ACTIVE ON 15 JULY.

III. EVENT PROBABILITIES 13-15 JULY

CLASS M 10/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JULY 83

PREDICTED 13-15 JULY 80/81/83

90-DAY MEAN 12 JULY 95

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JULY 8

ESTIMATED 12 JULY 6

PREDICTED 13-15 JULY 7/6/12

SOLTERWARN

SAPN

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