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HOUS 2 BOU 140200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 14/0200Z SEPT 1973.

I. NO REGIONS WITH SUNSPOTS.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 14/0000Z.

NMBR LOCATION LO

0219 S10W78 137

0226 S11E80 346

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

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HFUS 1 BOU 140600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 257A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 14 SEP 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 219(S10W82) PRODUCED THE ONLY ACTIVITY DURING THE LAST 8 HOURS WITH A CLASS C SUBFLARE WITH TWO MAXIMA AT 14/0230Z AND 14/0305Z. THE FILAMENT THROUGH THIS REGION HAS BEEN VERY ACTIVE AND THE PLAGE REMAINS ENHANCED, BUT NO SPOTS ARE VISIBLE. REGION 226(S11E77) STILL CONTAINS NO SPOTS. AN ACTIVE SURGE REGION HAS BEEN OBSERVED AT S16E90, SUGGESTING ADDITIONAL PLAGE MAY BE ROTATING OVER THE SE LIMB.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE LAST 24 HOURS AND IS EXPECTED TO REMAIN QUIET THROUGH THE FORECAST PERIOD.

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 257B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 141300Z SEPTEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS WITH
ONLY ONE FLARE REPORTED AT 140230Z. IT WAS A CLASS C FLARE
WITH TWO MAXIMA FROM REGION 219 (S10W85). THE ONLY OTHER REGION
IS 226 (S11E74), BUT IT IS SMALL AND INACTIVE. SURGE REGIONS HAVE
BEEN REPORTED AT S15E90 AND N10E90, BUT BOTH REGIONS APPEAR
SMALL AND INACTIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THIS PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY
UNSETLED. IT IS EXPECTED TO BE QUIET TO UNSETLED FOR THIS
PERIOD.

III. EVENT PROBABILITIES 14 SEP - 16 SEP

CLASS M 25/15/10

CLASS X 02/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 SEP 84

PREDICTED 14-16 SEP 80/76/72

90-DAY MEAN 13 SEP 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 SEP 07

ESTIMATED 13 SEP 03

PREDICTED 14-16 SEP 05/05/08

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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 257

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 SEPTEMBER 1973.

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. A CLASS C
SUBFLARE IN REGION 219 (S13W90) AT 140230Z IS THE ONLY FLARE RE-
PORTED SO FAR TODAY. REGION 219 IS ALSO PRODUCING AN ABUNDANCE
OF MINOR LIMB ACTIVITY AS IT TRANSITS THE WEST LIMB. A NEW
REGION HAS ROTATED ONTO THE DISK NEAR N14E83 AND IS DESIGNATED
AS NUMBER 227. A SIMPLE H TYPE SPOT AND A SMALL, MODERATELY
BRIGHT, H-ALPH PLAGUE CHARACTERIZE THIS NEW REGION.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW TO VERY LOW LEVEL
FOR THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED
WITH NO CHANGES EXPECTED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 15 SEP - 17 SEP.

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 14 SEP 82

PREDICTED 15 SEP - 17 SEP 79/76/75

90-DAY MEAN 14 SEP 90

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 13 SEP 05

ESTIMATED 14 SEP 04

PREDICTED 15 SEP - 17 SEP 05/06/07

SOLIERWARN

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