

HFUS 1 BOU 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 139A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 19 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. SMALL
PLAGE IS NOW VISIBLE AT NE04, NO SPOTS ARE VISIBLE AS YET. THE DISK
IS VERY QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL BE LOW DURING THE NEXT 24 HOURS.

II. THE MINOR GEOMAGNETIC STORM CONTINUES AND WILL CONTINUE AT
MINOR LEVEL DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 191400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 139B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 19 MAY 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. VERY LITTLE SIGNIFICANT
ACTIVITY OF ANY TYPE HAS BEEN OBSERVED, AS THE DISK IS CURRENTLY
DEVOID OF SUNSPOTS.

IB. SOLAR ACTIVITY WILL CONTINUE AT VERY LOW LEVELS, WITH A
POSSIBLE INCREASE NEAR THE END OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC DISTURBANCE CONTINUES, BRINGING ACTIVE
CONTIONS DURING LOCAL NIGHTTIME. IT IS EXPECTED TO WANE THROUGH
21 MAY.

III. EVENT PROBABILITIES 19 - 21 MAY

CLASS M 05/05/10

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 MAY 73

PREDICTED 19 - 21 MAY 72/72/74

90-DAY MEAN 18 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 MAY 35

ESTIMATED AFR/AP 18 MAY 22/37

PREDICTED AFR/AP 19 - 21 MAY 23/32 - 18/32 - 15/28

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HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 139

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 MAY 1974

IA. WITH A SPOTLESS DISK CURRENTLY VISIBLE, SOLAR ACTIVITY CONTINUES
VERY LOW. A NEW H-ALPHA PLAGE, REGION 410 (N07E80), HAS CROSSED EAST
LIMB, BUT HAS BEEN DULL AND STABLE. REGION 404 (N06W84), THE OTHER
PLAGE CENTER, WILL SOON BEGIN A QUIET WEST LIMB TRANSIT.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW THROUGHOUT THE FORECAST
PERIOD. ONLY ISOLATED C-CLASS SUBFLARES ARE ANTICIPATED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING
THE PAST 24 HOURS. MOSTLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE
NEXT 3 DAYS.

III. EVENT PROBABILITIES 20-22 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 MAY 71

PREDICTED 20-22 MAY 71/72/73

90-DAY MEAN 19 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 MAY 24

ESTIMATED AFR/AP 19 MAY 15/26

PREDICTED AFR/AP 20-22 MAY 15/24 - 14/22 - 12/20

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