

HFUS 1 BOU 180600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 138A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 18 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. THE
ONE DISK REGION IS STABLE AND QUIET AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS DISTURBED TO MINOR STORM LEVEL AND IS
EXPECTED TO REMAIN THAT WAY 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 181400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 138B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 18 MAY 1974

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL FOR THE LAST
8 HOURS WITH NO ACTIVITY REPORTED IN REGION 404(N06W66), THE
ONLY SUNSPOT REGION ON THE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL
THROUGH THE FORECAST PERIOD.

II. STRONGLY ACTIVE TO MINOR GEOMAGNETIC STORM CONDITIONS PERSIST,
BUT THE DISTURBANCE HAS DECREASED SINCE YESTERDAY AND A GRADUAL
DECLINE IN THE LEVEL OF ACTIVITY SHOULD CONTINUE THROUGH 20 MAY.

III. EVENT PROBABILITIES 18 - 20 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 MAY 74

PREDICTED 18 - 20 MAY 73/72/72

90-DAY MEAN 17 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 MAY 23

ESTIMATED AFR/AP 17 MAY 32/46

PREDICTED AFR/AP 18 -20 MAY 25/37 - 23/29 - 18/21

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HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 138

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST
24 HOURS, WITH A SPOTLESS DISK DUE TO THE DECAY OF REGION 404
(N06W71). THE ONLY ACTIVITY OBSERVED HAS BEEN MICROSURGES
FROM BEHIND EAST LIMB AT N05 WHERE OLD REGION 394 IS DUE TO RETURN
LATE TOMORROW AND 397 LATE ON 21 MAY.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW, WITH A POSSIBLE INCREASE
TOWARD THE END OF THE FORECAST PERIOD AS OLD REGIONS 394 AND
397 ROTATE ONTO THE VISIBLE DISK.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH MINOR STORM
CONDITIONS AT HIGHER LATITUDES. ACTIVITY IS EXPECTED TO DECREASE
GRADUALLY DURING THE NEXT 3 DAYS.

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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