

HFUS 1 BOU 170600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 137A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 17 MAY 1974
IA. SOLAR ACTIVITY REMAINS VERY LOW. NO SIGNIFICANT CHANGES HAVE
OCCURRED ON THE DISK.
IB. ACTIVITY IS EXPECTED TO REMAIN LOW THROUGHOUT THE FORECAST
PERIOD.
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO REMAIN
ACTIVE TO UNSETLED THROUGH THE NEXT THREE DAYS.
III. EVENT PROBABILITIES NO CHANGE
IV. OTTAWA 10.7 CM FLUX NO CHANGE
V. GEOMAGNETIC A INDICES NO CHANGE
SOLTERWARN
SPAN
BT

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HFUS 1 BOU 171400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 137B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 17 MAY 1974

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE
PAST 8 HOURS. THE ONLY CHANGES HAVE BEEN SLIGHT GROWTH IN THE
TRAILER SPOTS OF RGN 404(N06W53) AND THE DISAPPEARANCE AND PARTIAL
REAPPEARANCE OF THE FILAMENT AT S15W68.

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

II. MINOR GEOMAGNETIC STORM CONDITIONS COMMENCED GRADUALLY AT
ABOUT 0200Z. THIS DISTURBANCE COINCIDES WITH THE RECURRENT PEAK
IN GEOMAGNETIC ACTIVITY FOR THE PAST FOUR SOLAR ROTATIONS.

III. EVENT PROBABILITIES 17 - 19 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 MAY 78

PREDICTED 17 - 19 MAY 78/78/78

90-DAY MEAN 18 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 MAY 19

ESTIMATED AFR/AP 16 MAY 19/22

PREDICTED AFR/AP 17 - 19 MAY 20/24 - 18/21 - 15/17

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HFUS BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 137

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 17 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.

REGION 404 (N06W58) CONTAINS THE ONLY SUNSPOTS ON THE DISK,
AND HAS PRODUCED THREE SUBFAINT FLARES TODAY. THIS REGION HAS
DECAYED RAPIDLY IN H-ALPHA AND WHITE LIGHT DURING THE PAST
8 HOURS.

IB. THE VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO PERSIST
THROUGHOUT THE FORECAST PERIOD, WITH REGION 404 DECAYING AND NO
REGIONS DUE TO RETURN AT EAST LIMB.

II. A RECURRENT MINOR GEOMAGNETIC STORM PUSHED FREDERICKSBURG
AND BOULDER K-INDICES TO 6 FOR THE 0300-0600Z INTERVAL, AND
THE FIELD HAS BEEN ACTIVE SINCE 0600Z. TODAY WAS PROBABLY
THE PEAK OF THE DISTURBANCE, BUT ACTIVE CONDITIONS ARE EXPECTED
FOR THE NEXT 72 HOURS.

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 25/33 - 23/29 - 18/21

SOLTERWARN

SPAN

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