

HFUS 1 BOU 190500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 292A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 19 OCTOBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. SEVERAL SMALL X-RAY EVENTS
WERE OBSERVED BUT NO OPTICAL EVENTS HAVE BEEN OBSERVED.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL. THE MINOR X-RAY
EVENTS MAY CONTINUE AS REGION 503 COMPLETES ITS ROTATION ON THE
BACK SIDE.

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

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 191400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 292B

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

IA. THE WEST LIMB PASSAGE OF AR 503 (N08W95) HAS BEEN ACCOMPANIED
BY MANY MINOR SURGES, ERUPTIVE PROMINENCES. NO OPTICAL FLARES
HAVE BEEN REPORTED. AR 507 (N08W40) HAS REMAINED STABLE WITH LITTLE
GROWTH.

IB. AR 503 SHOULD CONTINUE ACTIVE, HOWEVER BY 20/0000Z OCT IT
SHOULD BE FAR ENOUGH OVER THE LIMB THAT ONLY VERY MINOR X-RAY
ENHANCEMENTS WILL BE OBSERVED. AR 507 IS EXPECTED TO BECOME
A LITTLE MORE ACTIVE AND PRODUCE A FEW MINOR (C LEVEL) FLARES.

II. THE GEOMAGNETIC FIELD CONTINUES AT ACTIVE TO MINOR STORM
INTENSITY. THIS CONDITIONS SHOULD CONTINUE FOR NEXT 72 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG NO CHANGE

ESTIMATED AFR/AP 19 OCT 20/26

PREDICTED AFR/AP 20 - 21 OCT 20/26 - 21/28

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HFUS 1 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 292

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

NOTE; SDF'S ISSUED ON 17 AND 18 OCT ARE INCORRECTLY NUMBERED
SHOULD BE 290 AND 291 RESPECTIVELY.

IA. AR 503 CONTINUES TO PRODUCE MINOR X-RAY ENHANCEMENTS HOWEVER
NO OPTICAL FLARES HAVE BEEN REPORTED. MINOR SURGES AND PROMINENCE
ACTIVITY HAVE BEEN REPORTED AT NW05-10, FROM THE FOLLOWER PORTION
OF AR 503. AR 507 IS STABLE AND DECLINING IN INTENSITY.
THE LARGE NW-SE ORIANATED BUSHY FILAMANT IS SLOWLY REFORMING IN
SE QUADRANT.

IB. SOLAR ACTIVITY WILL BE AT A LOW LEVEL FOR THE NEXT 72 HOURS.

II. THE MINOR GEOMAGNETIC STORM CONTINUES. THE FIELD IS EXPECTED
TO BE ACTIVE FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 20 - 22 OCT 74

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 OCT 76

PREDICTED 20 - 22 OCT 76/75/75

90-DAY MEAN 19 OCT 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 OCT 32

ESTIMATED AFR/AP 19 OCT 26/30

PREDICTED AFR/AP 20 - 22 OCT 22/26 - 24/28 - 18/22

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