

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 ACCCOMPANIED  
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

SOLTERWARN

BT

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 ORIENTATED BUSHY FILAMENT 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  
SOLTERWARN  
BT