

HFUS 1 BOU 130450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 072A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 13 MARCH 1975 *HAVE*

IA. SPOT AND PLAGUE DECAY IN AR571 ~~HAS~~ BEEN REPORTED, HOWEVER POINT  
BRIGHTENINGS AND ARCH FILAMENT ACTIVITY CONTINUE. NO FLARES HAVE  
BEEN REPORTED IN THE PAST SIX HOURS. MANILA REPORTS TRAILOR SPOTS  
IN AR571 ARE DOMINENT AND OF OPPOSITE POLARITIES.

IB. AR571 WILL CONTINUE TO PRODUCE MINOR FLARES - A FEW OF C LEVEL  
XRAY INTENSITY.

II. THE MINOR GEOMAGNETIC STORM CONTINUES. ACTIVE TO UNSETLED CON-  
DITIONS SHOULD CONTINUE FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 13 MAR - 15 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAR 75

PREDICTED 13 MAR - 15 MAR 75/74/74

90-DAY MEAN 12 MAR 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 MAR 40

ESTIMATED AFR/AP 12 MAR 26/45

PREDICTED AFR/AP 13 MAR - 15 MAR 20/25 - 15/20 - 15/20

SOLTERWARN

BT

HFUS 1 BOU 131430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 072B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 13 MAR 1975

IA. SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 8 HOURS. SOME SPOT GROWTH IN THE LEADING PORTION OF REGION 571 (S13W48) HAS BEEN NOTED WHILE THE TRAILER PORTION IS DECAYING. THE ARCH FILAMENT SYSTEM IN THE CENTRAL PLAGE AREA REMAINS PROMINENT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL FOR THE DURATION OF THIS FORECAST PERIOD. A CLASS C OR POSSIBLY A SMALL M X-RAY EVENT COULD OCCUR BEFORE THE DEMISE OF REGION 571.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE PAST 12 HOURS. LITTLE CHANGE IS EXPECTED FOR THE NEXT 12 HOURS BUT A DECLINE IN THE INTENSITY OF THE DISTURBANCE SHOULD BE EVIDENT BY 14 MAR.

III. EVENT PROBABILITIES 13 - 15 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAR 75

PREDICTED 13 - 15 MAR 75/74/74

90-DAY MEAN 12 MAR 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 MAR 40

ESTIMATED AFR/AP 12 MAR 26/45

PREDICTED AFR/AP 13 - 15 MAR 20/25 - 15/20 - 15/20

SOLTERWARN

BT

KBOU

HFUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 072

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 13 MAR 1975

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. REGION 571  
(S13W55) HAS GROWN SLIGHTLY IN SPOT AREA AND NUMBER WHILE THE  
H-ALPHA PLAGE HAS BECOME BRIGHT (INT 3-4) AND IS FLUCTUATING.  
PERTURBATIONS IN THE X-RAY BACKGROUND ALSO ATTEST TO THE DYNAMIC  
TENDENCIES OF 571.

IB. THE POSSIBILITY OF AN X-RAY EVENT IS BECOMING GREATER ALTHOUGH  
IT IS FELT THAT A ONE-TIME OCCURRENCE WOULD BE THE MOST THIS REGION  
COULD SUSTAIN.

II. THE GEOMAGNETIC FIELD IS UNSETLED TO ACTIVE AND LITTLE CHANGE  
IS EXPECTED BEFORE 16 MARCH WHEN THE FIELD SHOULD BECOME QUIET TO  
UNSETLED.

III. EVENT PROBABILITIES 14 - 16 MAR

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAR 078

PREDICTED 14 - 16 MAR 078/078/078

90-DAY MEAN 13 MAR 077

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAR 29

ESTIMATED AFR/AP 13 MAR 19/25

PREDICTED AFR/AP 14 - 16 MAR 15/19 - 15/19 - 10/12

SOLTERWARN

BT