

HFUS 1 BOU 030500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 276A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 03 OCT 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGIONS 495 (N10E08) AND 497  
(S06E12) CONTINUE THEIR SLOW DECLINE. NEW PLAGE ACCCOMPANIED BY  
SURGING HAS ROTATED ONTO THE DISK NEAR N05E90.

IB. ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS EXPERIENCED OCCASIONAL SHORT PERIODS  
OF MINOR STORM CONDITIONS, GENERALLY UNSETLED CONDITIONS WITH  
OCCASIONAL K INDICES OF 5 ARE EXPECTED THROUGHOUT THIS ZULU DAY,  
FOLLOWED BY UNSETLED TO MILDLY ACTIVE CONDITIONS.

III. EVENT PROBABILITIES 03 - 05 OCT

CLASS M 20/20/20

CLASS X 05/05/05

PROTON 02/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 OCT 20

ESTIMATED AFR/AP 02 OCT 18/29

PREDICTED AFR/AP 03-05 OCT 15/17 - 08/09 - 07/08

SOLTERWARN

BT

HFUS BOU 031430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 276B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 03 OCT 1974

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 496  
(S10W27) MAY BE GROWING SLOWLY WHILE OTHER DISK FEATURES ARE LITTLE  
CHANGED.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT ITS PRESENT LEVEL  
BUT THE CHANCE OF A SMALL M CLASS X-RAY EVENT IS INCREASING AS  
RGN 496 CONTINUES TO GROW.

II. THE GEOMAGNETIC FIELD WAS DISTURBED EARLIER TODAY BUT IS QUIET  
TO UNSETLED NOW. UNSETLED TO SLIGHTLY ACTIVE CONDITIONS SHOULD  
PREVAIL FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03 - 05 OCT

CLASS M 20/20/20  
CLASS X 05/05/05  
PROTON 02/02/02  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 02 OCT 95  
PREDICTED 03 - 05 OCT 94/94/96  
90-DAY MEAN 02 OCT 87

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 01 OCT 20  
ESTIMATED AFR/AP 02 OCT 23/29  
PREDICTED AFR/AP 03 - 05 OCT 15/17 - 08/09 - 07/08  
SOLTERWARN

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MEUS BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 276

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 03 OCT 1974

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL DURING THE PAST 24 HOURS. REGION 495 (N10W03) HAS DECLINED IN BOTH MAGNETIC COMPLEXITY AND AREA. REGIONS 496 (S10W32) AND 497 (S05E99) HAVE SHOWN LITTLE CHANGE AND BOTH REMAIN BETA TYPES MAGNETICALLY. A SMALL SPOT AND DIM PLAGE, REGION 500 (N04E80), ROTATED ONTO THE DISK EARLY TODAY BUT IS STILL TOO NEAR THE LIMB FOR DETAILED ANALYSIS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL ALTHOUGH AN ISOLATED M-XRAY EVENT IS POSSIBLE. A SLIGHT INCREASE IN THE PROBABILITY MAY BE NOTED AS OLD ACTIVE REGION 487 RETURNS TO THE DISK ON 5 OCT.

II. THE GEOMAGNETIC FIELD IS QUIET AND NO SIGNIFICANT CHANGE IS ANTICIPATED. OCCASIONAL UNSETLED CONDITIONS MAY BE NOTED IN NIGHTTIME SECTORS.

III. EVENT PROBABILITIES 04 - 06 OCT

CLASS M 20/20/30

CLASS X 01/01/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 OCT 93

PREDICTED 04 - 06 OCT 94/94/95

90-DAY MEAN 03 OCT 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 OCT 23

ESTIMATED AFR/AP 03 OCT 11/12

PREDICTED AFR/AP 04 - 06 OCT 08/09 - 06/07 - 05/06

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