

HFUS 1 BOU 230450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 174A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 23 JUNE 1975

IA. SOLAR ACTIVITY REMAINS LOW. TWO CLASS C X-RAY EVENTS HAVE  
OCCURRED THIS ZULU DAY, THE LARGEST A C-2 AT 0355Z. SOURCE OF  
THESE EVENTS IS NOT KNOWN. PROFILE OF THE X-RAY EVENTS INDICATES  
BEHIND THE LIMB SOURCE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO RE-  
MAIN QUIET TO UNSETTLED.

III. EVENT PROBABILITIES 23 JUNE - 25 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JUNE 68

PREDICTED 23 JUNE - 25 JUNE 68/68/68

90-DAY MEAN 22 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 JUNE 08

ESTIMATED AFR/AP 22 JUNE 06/07

PREDICTED AFR/AP 23 JUNE - 25 JUNE 10/12 - 10/10 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 231430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 174B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 23 JUNE 1975

IA. SOLAR ACTIVITY HAS INCREASED SLIGHTLY DURING THE PAST NINE  
HOURS. REGION 603 (S11W04) CONTAINS A GROWING C-TYPE SPOT GROUP  
OF NORMAL POLARITY-ORIENTATION, AN ARCH FILAMENT SYSTEM, AND  
MODERATELY ENHANCED PLAGE. RECENT SURGE ACTIVITY NEAR NE12 INDI-  
CATES THAT AN ACTIVE REGION IS CROSSING THE LIMB AT THAT LOCATION.  
WEAK X-RAY BURSTS HAVE ACCOMPANIED SOME OF THE RECENT SURGES.

IB. AN INCREASE IN SOLAR ACTIVITY IS EXPECTED THROUGH THE REMAINDER  
OF THE FORECAST PERIOD. REGION 603 IS EXPECTED TO GROW SLIGHTLY  
AND PERHAPS PRODUCE A FEW SPORADIC SUBFLARES. MINOR LIMB EVENTS  
ACCOMPANIED BY WEAK X-RAY BURSTS ARE LIKELY NEAR N12E90.

II. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET DURING THE  
PAST NINE HOURS. QUIET TO UNSETTLED CONDITIONS ARE LIKELY THROUGH  
THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 23-25 JUNE

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JUNE 68

PREDICTED 23-25 JUNE 69/70/71

90-DAY MEAN 22 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 JUNE 08

ESTIMATED AFR/AP 22 JUNE 06/07

PREDICTED AFR/AP 23-25 JUNE 08/09 - 10/10 - 10/10

SOLTERWARN

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SOLTERWARN

HFUS 1 BOU 232200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
NUMBER 174

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 JUNE 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW BUT HAS INCREASED DURING THE  
PAST 24 HOURS. REGION 603 (S11W08) HAS DEVELOPED A C-TYPE SPOT  
GROUP OF NORMAL POLARITY-ORIENTATION ACCOMPANIED BY ENHANCED  
PLAGE. DEVELOPMENT OF REGION 603 HAS SLOWED DURING THE PAST FEW  
HOURS. A REGION PRODUCING MINOR SURGES IS NOW BECOMING VISIBLE  
NEAR N12E90. THIS NEW REGION IS LOCATED NEAR THE SITE OF FORMER  
REGION 597, WHICH PRODUCED NEGLIGIBLE ACTIVITY AND THEN DECAYED  
DURING ITS LAST DISK PASSAGE. OCCASIONAL WEAK X-RAY BURSTS HAVE  
BEEN OBSERVED DURING THE PAST 24 HOURS, AND MOST OF THESE BURSTS  
ARE BELIEVED TO BE ASSOCIATED WITH THE NEW REGION NEAR N12E90.  
THE LARGEST BURST WAS CLASSIFIED C2 AND OCCURRED AT 23/0349Z.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED DURING THE  
NEXT 72 HOURS. REGION 603 MAY PRODUCE INFREQUENT SUBFLARES AND  
SHOULD BE WATCHED FOR ADDITIONAL DEVELOPMENT OR AN INCREASE IN  
COMPLEXITY. THE NEW ACTIVE CENTER NEAR N12E90 MAY CONTINUE TO  
PRODUCE OCCASIONAL MINOR OPTICAL AND X-RAY EVENTS.

II. THE GEOMAGNETIC FIELD HAS REMAINED GENERALLY QUIET DURING  
THE PAST 24 HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED  
DURING THE NEXT 48 HOURS, FOLLOWED BY QUIET CONDITIONS.

III. EVENT PROBABILITIES 24 JUNE - 26 JUNE

CLASS M	05/05/05
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	23 JUNE 71
PREDICTED	24 JUNE - 26 JUNE 72/73/73
90-DAY MEAN	23 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	22 JUNE 06
ESTIMATED AFR/AP	23 JUNE 04/04
PREDICTED AFR/AP	24 JUNE - 26 JUNE 10/10/ - 10/10 - 07/07

SOLTERWARN

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