

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 REMAIN 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 INDICATES 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 ACCCOMPANIED 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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91222 10000 20680 30060 43690
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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 (SIIW08) HAS DEVELOPED A C-TYPE SPOT GROUP OF NORMAL POLARITY-ORIENTATION ACCCOMPANIED 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 NEGIGIBLE 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 UNSETLED 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

BT