

HFUS 1 BOU 280500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 179A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 28 JUNE 1975

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. THE BACKGROUND X-RAY  
LEVEL HAS BEEN FLUCTUATING AND BRIGHTENINGS HAVE BEEN OBSERVED IN  
REGION 603 (S11W59) WHICH HAS GROWN TO A RUDIMENTARY D-TYPE GROUP.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW. REGION 603, AND  
REGIONS 604 (N06E34) AND 605 (S06W61) MAY PRODUCE SUB-FLARE  
ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, AND IS EXPECTED TO  
BECOME ACTIVE DURING THE FORECAST PERIOD; POSSIBLY REACHING MINOR  
STORM LEVELS.

III. EVENT PROBABILITIES 28 JUNE - 30 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JUNE 79

PREDICTED 28-30 JUNE 79/79/79

90-DAY MEAN 27 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JUNE 06

ESTIMATED AFR/AP 27 JUNE 03/03

PREDICTED AFR/AP 28-30 JUNE 21/24 - 25/31 - 14/15

SOLTERWARN

BT

HFUS 1 BOU 281430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 179B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 28 JUNE 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 603 (S11W68) HAS  
BEEN FLUCTUATING TO NEAR FLARE BRIGHTNESS. REGION 604 (N06E26)  
AND 605 (S06W69) HAVE REMAINED QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. C-CLASS X-RAY  
FLARES ARE POSSIBLE, BUT MAJOR FLARES ARE UNLIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.  
THE FIELD IS EXPECTED TO BECOME ACTIVE EARLY IN THE PERIOD AS  
RECURRENT INTERPLANETARY STRUCTURE REAPPEARS.

III. EVENT PROBABILITIES 28-30 JUN 1975

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JUN 79

PREDICTED 28-30 JUN 79/79/78

90-DAY MEAN 27 JUN 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JUN 06

ESTIMATED AFR/AP 27 JUN 04/05

PREDICTED AFR/AP 28-30 JUN 12/15 - 25/31 - 21/24

SOLTERWARN

BT

GEOALERT WWA178 280300

91227 10390 20780 30050 40130

36011 01000 13406 00000 36106 00000

80628 77773 37011 QUIET 12406 QUIET 37106 QUIET

SOLQUIET MAGALERT 28/30

FIN

SOLTERWARN

HFUS 1 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 179

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 28 JUNE 1975

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 603 (S09W76) HAS BEEN  
FLUCTUATING TO NEAR FLARE BRIGHTNESS CONCURRENT WITH MINOR X-RAY  
ENHANCEMENTS OBSERVED BY SMS-2 SATELLITE. THE FLUCTUATIONS HAVE  
DIMINISHED DURING THE PAST FEW HOURS. REGION 605 (S06W76) IS NOW  
DECLINING, AND REGION 604 (N06E20) APPEARS QUIET AND STABLE. A  
NEW REGION 606 HAS BEEN REPORTED AT (N09E31) WITH THREE SMALL  
SPOTS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. C-CLASS X-RAY  
SUBFLARES ARE POSSIBLE FROM REGION 603, BUT MAJOR FLARES ARE UN-  
LIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY QUIET DURING THE  
PAST 24 HOURS. PERSISTENT INTERPLANETARY MAGNETIC STRUCTURE IS EX-  
PECTED TO RETURN ANY HOUR NOW. WHEN THIS STRUCTURE RETURNS THE  
FIELD WILL BECOME ACTIVE, POSSIBLY REACHING MINOR MAGNETIC STORM  
LEVELS EARLY IN THE FORECAST PERIOD.

III. EVENT PROBABILITIES 29 JUNE - 01 JULY

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JUNE 78

PREDICTED 29 JUNE - 01 JULY 77/75/73

90-DAY MEAN 28 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 JUNE 04

ESTIMATED AFR/AP 28 JUNE 07/06

PREDICTED AFR/AP 29 JUNE - 01 JULY 25/31 - 21/25 - 17/19

SOLTERWARN

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