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HFUS 3 BOU 060530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 340A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 06 DECEMBER 1977

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST EIGHT HOURS AS REGIONS
946 (N17W53) AND 947 (S21W02) CONTINUED PRODUCING SUBFLARES. REGION
950 (S26E70), NOW A C-TYPE GROUP, ALSO PRODUCED A SUBFLARE (BEGAN
AT 06/0206Z, ENDED AT 0216Z) WHICH WAS ACCOMPANIED BY A C-1 X-RAY
BURST. WEAK RADIO ACTIVITY ACCOMPANIED A SUBFLARE WHICH OCCURRED
NEAR 05/2306Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A GENERALLY LOW LEVEL
THROUGH THE REST OF THE FORECAST PERIOD. C-CLASS X-RAY ACTIVITY
SHOULD CONTINUE WITH A SLIGHT CHANCE FOR M-CLASS ACTIVITY.

II. THE GEOMAGNETIC FIELD WAS GENERALLY QUIET DURING THE PAST 8
HOURS. THE FIELD IS EXPECTED TO BE QUIET TO UNSETTLED DURING THE
REST OF THE ZULU DAY.

III. EVENT PROBABILITIES 06 DECEMBER - 08 DECEMBER

CLASS M 15/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 DECEMBER 100

PREDICTED 06-08 DECEMBER 101/101/102

90-DAY MEAN 05 DECEMBER 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 DECEMBER 11

ESTIMATED AFR/AP 05 DECEMBER 15/25

PREDICTED AFR/AP 06-08 DECEMBER 08/10 - 08/10 - 10/12

SOLTERWARN

BT

HFUS 3 BOU 061500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 340B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1500Z 06 DECEMBER 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW TO LOW. SUBFLARES AND LOW LEVEL CLASS C X-RAY BURSTS ARE OCCURRING IN REGIONS 946 (N17W58), 947 (S20W08), AND 950 (S27E66). A BSL WITH DEPARTED REGION 948 (N16) PRODUCED A C-1 X-RAY BURST.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THIS ZULU DAY. QUIET TO UNSETTLED CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 06 DECEMBER - 08 DECEMBER

CLASS M 15/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 DECEMBER 100

PREDICTED 06-08 DECEMBER 101/101/102

90-DAY MEAN 05 DECEMBER 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 DECEMBER 11

ESTIMATED AFR/AP 05 DECEMBER 15/25

PREDICTED AFR/AP 06-08 DECEMBER 08/10 - 08/10 - 10/12

SOLTERWARN

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HFUS 1 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 340

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 DEC 1977

IA. SOLAR ACTIVITY HAS BEEN LOW TO MODERATE. A SERIES OF SUBFLARES AND LOW LEVEL CLASS C X-RAY EVENTS FROM REGIONS 946 (N16W61), 947 (S20W12) AND 950 (S26E55) WAS CULMINATED BY A SB/M4 AT 06/1933Z IN REGION 947. MAJOR CENTIMETRIC BURSTS OCCURRED, LESS THAN 10 MINUTES IN DURATION; WITH 120 F.U. BURST AT 2700 MHZ. BOTH REGIONS 946 AND 947 ARE MAGNETICALLY COMPLEX. REGION 950 CONTINUES A SLOW GROWTH.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE. WITH THE CURRENT GROWTH AND COMPLEXITY OF THE REGIONS, 1-3 CLASS M EVENTS ARE EXPECTED WITH A CHANCE FOR A CLASS X EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT 24-36 HOURS. ACTIVE CONDITIONS ARE EXPECTED TO START LATE ON 08 OR EARLY ON 09 DEC. AN EQUATORIAL CORONAL HOLE IS SHOWN ON THE KITT PEAK 10830 GRAM.

III. EVENT PROBABILITIES 07 - 09 DEC

CLASS M 80/80/80

CLASS X 15/20/20

PROTON 10/20/25

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 DEC 109

PREDICTED 07 - 09 DEC 110/110/110

90-DAY MEAN 06 DEC 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 DEC 14

ESTIMATED AFR/AP 06 DEC 04/04

PREDICTED AFR/AP 07 - 09 DEC 06/07 - 10/15 - 20/25

SOLTERWARN

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