

HFUS 1 BOU 240450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 175A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 24 JUNE 1975

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 603 (S11W11) CONTINUES ITS SLOW GROWTH. THE TRAILER POLARITY PLAGE IS AN ISLAND SURROUNDED BY LEADER POLARITY. SURGING CONTINUES NEAR NE10.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW WITH OCCASIONAL CLASS C FLARES OCCURRING.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO BE UNSETLED TO QUIET FOR THE FORECAST PERIOD.

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

HFUS 1 BOU 241430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 175B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 24 JUNE 1975

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO EVENTS OTHER THAN MINOR OPTICAL BRIGHTENINGS HAVE BEEN REPORTED. REGION 603 (S11 W14) REMAINS SMALL WITH A SLIGHTLY CONVOLUTED MAGNETIC NEUTRAL LINE. ITS SPOT GROUP HAS NOT DEVELOPED BEYOND RUDIMENTARY TYPE-C. REGION 604 (N06 E82) HAS ROTATED INTO VIEW WITH A SMALL H-TYPE LEADER SUNSPOT.

IB. NO SIGNIFICANT ACTIVITY IS EXPECTED. SMALL SUBFLARES WITH X-RAY BURSTS TO C1 LEVEL MAY OCCUR IN EITHER ACTIVE REGION NOW PRESENT.

II. THE GEOMAGNETIC FIELD CONTINUES QUIET. UNSETTLED TO QUIET CONDITIONS ARE EXPECTED THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24-26 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 24-26 JUNE 73/75/75/

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 24-26 JUNE 10/10-10/10-07/07

SOLTERWARN

BT

HFUS 1 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 175

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 JUNE 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW BUT POTENTIAL FOR ACTIVITY IS INCREASING. A LARGE ACTIVE REGION (604) HAS ROTATED INTO VIEW AT N06 E78 WITH A SINGLE LARGE SUNSPOT OF SIMPLE FORM. RADIO, CORONAL AND MAGNETIC INTENSITIES ARE STRONGER THAN FOR ANY REGION IN RECENT MONTHS. REGION 603 (S11 W19) HAS DIMINISHED IN SUNSPOT AREA BUT ITS PLAGE REMAINS HIGHLY STRUCTURED AND FLUCTUATING SOFT X-RAY BACKGROUND HAS INCREASED AND FLUCTUATED SLOWLY.
IB. CLASS C FLARES ARE EXPECTED AND CLASS M APPEAR POSSIBLE FROM REGION 604. A MORE CONFIDENT FORECAST MUST WAIT AN ADDITIONAL DAY OF EVALUATION.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET. QUIET CONDITIONS SHOULD CONTINUE THROUGH THIS FORECAST PERIOD. A MODERATE RECURRENT STORM IS EXPECTED AFTER THIS PERIOD.

III. EVENT PROBABILITIES 25-27 JUNE 1975

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JUNE 74

PREDICTED 25-27 JUNE 78/79/80

90-DAY MEAN 24 JUNE 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JUNE 03

ESTIMATED AFR/AP 24 JUNE 02/02

PREDICTED AFR/AP 25-27 JUNE 05/01-07/08-05/07

SOLTERWARN

BT