

HFUS 1 BOU 110500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 163A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 11 JUNE 1976

IA. MINOR HIGH LATITUDE REGIONS IN THE SOLAR SOUTHERN HEMISPHERE
HAVE BEEN INACTIVE AND WITHOUT SIGNIFICANT GROWTH. THESE REGIONS
EMERGED IN THE ZONE PREDICTED FOR REGION FORMATION IN FORECAST
SDF 154A ON 02 JUNE.

IB. NO SOLAR ACTIVITY IS EXPECTED.

II. A SIGNIFICANT MAGNETIC STORM COMMENCED GRADUALLY AT ABOUT
11/0000Z. THIS UNEXPECTED DISTURBANCE APPROACHED K7 AT 0330Z.
IT IS PRESUMED THAT A NEW HIGH-SPEED SOLAR WIND STREAM HAS
ORIGINATED FROM MID-NORTHERN LATITUDES ON THE SUN. THE INTER-
PLANETARY FIELD POLARITY IS POSITIVE, IN AGREEMENT WITH THE
NORTH POLAR REGION.

III. EVENT PROBABILITIES 11 JUNE - 13 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUNE 69

PREDICTED 11-13 JUNE 70/71/71

90-DAY MEAN 10 JUNE 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JUNE 05

ESTIMATED AFR/AP 10 JUNE 05/05

PREDICTED AFR/AP 11-13 JUNE 35/35 - 15/15 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 111430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 163B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 11 JUN 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THERE ARE NO SPOTS ON THE
VISIBLE DISK. TWO NEW CYCLE REGIONS HAVE EMERGED AT S35E07 AND
S35W11. NO SPOTS ARE VISIBLE IN EITHER REGION AT THIS TIME.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC DISTURBANCE WHICH STARTED 11/0000Z HAS
DECREASED GRADUALLY IN INTENSITY AND AT PRESENT THE K VALUE IS
THREE. THE DISTURBANCE WILL CONTINUE TO DECREASE AND END
BY JUNE 13. A MINOR RECURRENCE IS EXPECTED JUNE 16-19.

III. EVENT PROBABILITIES 11-13 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUN 69

PREDICTED 11-13 JUN 70/71/71

90-DAY MEAN 10 JUN 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JUN 05

ESTIMATED AFR/AP 10 JUN 05/05

PREDICTED AFR/AP 11-13 JUN 35/40 - 15/15 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 163

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 JUNE 1976

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONE OF THE
NEW CYCLE REGIONS NUMBER 715 (S45E37) HAS TWO SPOTS. THE OTHER
REGIONS ARE WITHOUT SPOTS. THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC DISTURBANCE HAS DECREASED IN INTENSITY.

IT IS EXPECTED THAT DURING THE NEXT 24 HOURS THAT THE DISTURBANCE
WILL CONTINUE WITH UNSETTLED TO ACTIVE CONDITIONS DURING LOCAL
NIGHTTIME, DECREASING DURING DAYLIGHT HOURS.

III. EVENT PROBABILITIES 12 JUNE - 14 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUNE 69

PREDICTED 12-14 JUNE 69/70/70

90-DAY MEAN 11 JUNE 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 JUNE 05

ESTIMATED AFR/AP 11 JUNE 30/40

PREDICTED AFR/AP 12-14 JUNE 15/15 - 10/10 - 05/05

SOLTERWARN

BT