

HFUS 1 BOU 140500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 135A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 14 MAY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.

THE DISK AND LIMBS APPEAR TO BE STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 HOURS.

THE FIELD IS EXPECTED TO BE QUIET THROUGH THE FORECAST PERIOD

WITH AN OCCASIONAL PERIOD OF UNSETTLED CONDITIONS.

III. EVENT PROBABILITIES 14-16 MAY

CLASS M 01/01/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 72

PREDICTED 14-16 MAY 72/73/73

90-DAY MEAN 13 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAY 07

ESTIMATED AFR/AP 13 MAY 05/07

PREDICTED AFR/AP 14-16 MAY 15/07 - 05/07 - 05/07

SOLTERWARN

BT

HFUS 1 BOU 141430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 135-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 14 MAY 1976

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. NO SIGNIFICANT CHANGES
HAVE BEEN REPORTED IN THE ACTIVE REGIONS. TWO NEW EMERGING REGIONS
HAVE APPEARED AT N08E13 AND N26E23.

IB. NO INCREASE IN ACTIVITY IS EXPECTED THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 12 HOURS.

QUIET CONDITIONS ARE EXPECTED THROUGHOUT THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 14-16 MAY

CLASS M 01/01/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 72

PREDICTED 14-16 MAY 72/73/73

90-DAY MEAN 13 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAY 07

ESTIMATED AFR/AP 13 MAY 05/07

PREDICTED AFR/AP 14-16 MAY 15/07 - 05/07 - 05/07

SOLTERWARN

BT

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 135

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 MAY 1976

IA. SOLAR ACTIVITY CONTINUES VERY LOW. MINOR SPOT GROWTH HAS OCCURRED IN THE PAST 6 HOURS IN REGION 707 (S09E60). THE GROUP IS STILL A SMALL TYPE B. A SMALL PLAGE WITH A SINGLE SPOT (REGION 708) HAS EMERGED AT N10E05. THREE ADDITIONAL NEW REGIONS WITHOUT SPOTS GIVE AN IMPRESSION OF A SUBTLE RISE IN SOLAR ACTIVITY. REGION 704 HAS CROSSED THE SOLAR EQUATOR AT W42. IT IS UNUSUAL TO OBSERVE SUCH OBVIOUS LATITUDE CHANGES IN LARGE SUNSPOTS. ITS INITIAL LATITUDE WAS N03. THE ROTATION RATE DERIVED FROM THIS SPOT IS ABOVE NORMAL. THE POLAR CROWN FILAMENT NEAR THE SOUTH POLE AT THIS LONGITUDE IS ROTATING SLOWER THAN NORMAL. THE SHEAR ZONE BETWEEN THESE FEATURES MIGHT BECOME ACTIVE DURING THE NEXT TWO MONTHS.

IB. ACTIVITY MAY INCREASE LATE ON 16 MAY AS REGION 700 BEGINS ITS RETURN TO EAST LIMB AT S10.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET. VERY QUIET CONDITIONS ARE EXPECTED THROUGHOUT THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 15-17 MAY

CLASS M 01/10/30

CLASS X 01/01/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAY 73

PREDICTED 15-17 MAY 75/77/80

90-DAY MEAN 14 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MAY 06

ESTIMATED AFR/AP 14 MAY 04/04

PREDICTED AFR/AP 15-17 MAY 04/07 - 04/07 - 04/05

SOLTERWARN

BT