

HFUS 1 BOU 290500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 150A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 29 MAY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THERE ARE NO SPOTS ON THE VISIBLE DISK AND THE LIMBS ARE QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED AND WILL
CONTINUE UNSETTLED TO ACTIVE DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 29 MAY - 31 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 MAY 67

PREDICTED 29-31 MAY 67/66/67

90-DAY MEAN 28 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 MAY 06

ESTIMATED AFR/AP 28 MAY 18/17

PREDICTED AFR/AP 29-31 MAY 20/25 - 15/20 - 12/15

SOLTERWARN

BT

HFUS 1 BOU 291430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 150B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 29 MAY 1976

IA. SOLAR ACTIVITY CONTINUES WITH NO EVENTS, NO SUNSPOTS
AND NO FEATURES ON THE VISIBLE DISK EXCEPT FOR THE DEPARTING
FAINT PLAGE AND FILAMENTS IN REGION 711/712 AT S08 WEST LIMB.

IB. A VERY SLIGHT INCREASE IN RADIO FLUX MAY OCCUR ON THE THIRD
DAY WHEN FAINT REGIONS ARE EXPECTED TO CROSS THE EAST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED FOR THE PAST 12 HOURS.
UNSETTLED CONDITIONS ARE EXPECTED TO PERSIST THROUGHOUT THE FORECAST
PERIOD WITH POSSIBLE ACTIVE CONDITIONS FOR SHORT INTERVALS DURING
LOCAL NIGHTTIME.

III. EVENT PROBABILITIES 29 MAY - 31 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 MAY 67

PREDICTED 29-31 MAY 67/66/67

90-DAY MEAN 28 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 MAY 06

ESTIMATED AFR/AP 28 MAY 18/17

PREDICTED AFR/AP 29-31 MAY 20/25 - 15/20 - 12/15

SOLTERWARN

BT

HFUS 1 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 150

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 29 MAY 76

IA. THE SUN HAS REACHED THE QUIETEST LEVEL OF THE SOLAR CYCLE WITH NO SUNSPOTS, NO EVENTS AND NO PLAGE AREAS OTHER THAN THE FAINT DEPARTING REGION NEAR SOUTHWEST LIMB. THIS REGION (711/712) IS NOTABLE BY SHOWING A LARGE WESTWARD PROPER MOTION DURING THIS DISK PASSAGE (ROTATION PERIOD 26.28 DAYS SYNODIC). A LARGE CORONAL HOLE IS INDICATED IN THE NORTHEAST QUADRANT BY K-CORONA OBSERVATIONS. AN EXCEPTIONALLY LARGE SOUTH POLAR CORONAL HOLE IS INFERRED FROM LARGE-SCALE H-ALPHA PATTERNS.

IB. VERY SLIGHT INCREASE IN RADIO FLUX MAY ACCOMPANY FAINT RETURNING REGIONS ON THE SECOND AND THIRD DAY. THE THIRD DAY MARKS THE EAST-LIMB TRANSIT OF A ZONE OF LARGE-SCALE CONVERGENCE BETWEEN THE EQUATOR AND S35 WHERE NEW EMERGING FIELDS MIGHT BE EXPECTED THIS DISK PASSAGE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED ALL DAY AND HAS BECOME ACTIVE SINCE 1800Z. ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 12 HOURS AND GENERALLY UNSETTLED CONDITIONS FOR THE FORECAST PERIOD. NIGHTTIME HOURS MAY BE ACTIVE THROUGHOUT THIS PERIOD.

III. EVENT PROBABILITIES 30 MAY - 01 JUNE

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 MAY 66

PREDICTED 30 MAY - 01 JUNE 65/67/68

90-DAY MEAN 29 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 MAY 14

ESTIMATED AFR/AP 29 MAY 17/20

PREDICTED AFR/AP 30 MAY - 01 JUNE 20/20 - 12/15 - 12/12

SOLTERWARN

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