

HFUS 1 BOU 280500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 149A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z MAY 28 QOUY

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH NO SPOTS CURRENTLY
VISIBLE.

IB. ACTIVITY LEVELS SHOULD REMAIN VERY LOW. NO SIGNIFICANT
RETURNING REGIONS ARE EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, HOWEVER, SHOULD GRADUALLY
BECOME ACTIVE DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 28-30 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MAY 68

PREDICTED 28-30 MAY 68/68/67

90-DAY MEAN 27 MAY 75

V. GEOMAGNETIC-A INDICES

OBSERVED FREDERICKSBURG 26 MAY 06

ESTIMATED AFR/AP 27 MAY 06/05

PREDICTED AFR/AP 28-30 MAY 08/10 - 12/20 - 15/30

SOLTERWARN

BT

HFUS 1 BOU 281430
CORRECTED COPY

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 149-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 28 MAY 1976

IA. SOLAR ACTIVITY CONTINUES AT MINIMUM WITH NO SUNSPOTS. THE SOLAR
DISK IS NEARLY FEATURELESS EXCEPT FOR FAINT AND EXTENDED REGION 711/
NEAR SOUTHWEST LIMB AND TWO SMALL HIGH LATITUDE PLAGES.

IB. NO INCREASE IN ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED FOR THE PAST 12 HOURS.
UNSETTLED CONDITIONS WILL CONTINUE FOR THIS FORECAST PERIOD WITH ACTI
CONDITIONS POSSIBLE DURING LOCAL NIGHT.

III. EVENT PROBABILITIES 28-30 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MAY 68

PREDICTED 28-30 MAY 68/67/67

90-DAY MEAN 27 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 MAY 06

ESTIMATED AFR/AP 27 MAY 06/05

PREDICTED AFR/AP 28-30 MAY 15/17 - 20/25 - 15/20

SOLTERWARN

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HFUS 1 BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 149

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 MAY 1976

IA. SOLAR ACTIVITY CONTINUES AT MINIMUM WITH NO SUNSPOTS OR
SIGNIFICANT PLAGE AREAS. REGION 711/712 (S08W70) IS A LARGE
FAINT REGION WITH LARGE ASSOCIATED FILAMENT. THREE SMALL AND FAINT
PLAGES HAVE APPEARED AT HIGH LATITUDES.

IB. NO SIGNIFICANT INCREASE IN ACTIVITY IS EXPECTED. MINOR
LIMB ACTIVITY LATE ON 31 MAY MIGHT ACCOMPANY THE RETURN OF OLD
REGION 704/709 AT THE SOLAR EQUATOR.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED MOST OF THIS DAY.
UNSETTLED CONDITIONS WILL PREVAIL FOR THIS FORECAST PERIOD.

ACTIVE CONDITIONS MAY OCCUR DURING LOCAL NIGHTTIME.

III. EVENT PROBABILITIES 29 - 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 18/20

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

SOLTERWARN

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