

HFUS 1 BOU 210500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 142A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 21 MAY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS.
THE ACTIVE REGIONS REMAIN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL AROUND 0230Z THEN
BECAME ACTIVE. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED WITH
SHORT ACTIVE PERIODS DURING LOCAL NIGHT TIME HOURS FOR THE
NEXT 24-36 HOURS.

III. EVENT PROBABILITIES 21 MAY - 23 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAY 71

PREDICTED 21 - 23 MAY 72/72/71

90-DAY MEAN 20 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 MAY-08

ESTIMATED AFR/AP 20 MAY 14/23

PREDICTED AFR/AP 21-23 MAY 12/10 - 09/10 - 06/10

SOLTERWARN

BT

HFUS 1 BOU 211430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 142-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 21 MAY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 16 HOURS. ACTIVE
DISK REGIONS HAVE SHOWN VERY LITTLE CHANGE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL DURING
THE REMAINDER OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED TO ACTIVE DURING THE
PAST 16 HOURS. THE FIELD IS EXPECTED TO BE MOSTLY UNSETTLED FOR THE
REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 21-23 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAY 71

PREDICTED 21-23 MAY 72/72/71

90-DAY MEAN 20 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 MAY 08

ESTIMATED AFR/AP 20 MAY 14/23

PREDICTED AFR/AP 21-23 MAY 12/10 - 09/10 - 06/10

SOLTERWARN

BT

HFUS 1 BOU 212115

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 142

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 MAY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS.

A LARGE SUBFAINT FLARE WAS OBSERVED IN SPOTLESS REGION 707 (S12W32)
WITH A BEGIN TIME OF ABOUT 211220Z, MAX TIME OF 1235Z, AND AN
END TIME OF 1422Z. A SMALL (LESS THAN C1) BUT LONG-LIVED X-RAY
ENHANCEMENT WAS ASSOCIATED WITH THE FLARE. REGIONS 711 (S07E22)
AND 712 (S08E38) ARE SMALL AND SHOWING SLIGHT SPOT DECAY.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW DURING THE NEXT 24
HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED TO ACTIVE
DURING THE PAST 24 HOURS. GENERALLY UNSETTLED CONDITIONS ARE
EXPECTED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 22-24 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 MAY 72

PREDICTED 22-24 MAY 72/72/72

90-DAY MEAN 21 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 MAY 15

ESTIMATED AFR/AP 21 MAY 10/16

PREDICTED AFR/AP 22-24 MAY 09/10 - 07/10 - 10/10

SOLTERWARN

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