

HFUS 1 BOU 270600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 058A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 27 FEB 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO FLARES HAVE BEEN REPORTED
IN THE LAST 10 HOURS.

IB. NO SIGNIFICANT ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD CONTINUES ACTIVE AND IS EXPECTED TO REMAIN
SO FOR THE NEXT 12 TO 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 271400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 058B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 27 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL DURING THE PAST EIGHT HOURS, AND NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED. A SMALL NEW REGION, NUMBER 358, CONTAINING A UNIPOLAR SPOT GROUP AND DIM PLAGE HAS APPEARED AT N11E13. A SMALL NEW PLAGE REGION IS VISIBLE AT S01E74. OTHER REGIONS ON THE DISK HAVE SHOWN LITTLE SIGNIFICANT CHANGE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. ACTIVE GEOMAGNETIC CONDITIONS HAVE CONTINUED DURING THE PAST EIGHT HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE LIKELY DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 27 FEB - 01 MAR.

CLASS M 05/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 26 FEB 79

PREDICTED 27 FEB - 01 MAR 77/77/78

90-DAY MEAN 26 FEB 83

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 25 FEB 28

ESTIMATED AFR/AP 26 FEB 20/24

PREDICTED AFR/AP 27 FEB - 01 MAR 20/24 - 12/13 - 10/11

SOLTERWARN

SPAN

BT

HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 058

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 24 HOURS, AND NO ENERGETIC ACTIVITY HAS BEEN REPORTED. REGION 357 (N05E51) HAS SHOWN SLIGHT DEVELOPMENT RECENTLY. THIS REGION CONTAINS A WEAK ARCH-FILAMENT SYSTEM, A KINKED MAGNETIC NEUTRAL LINE, AND A C-TYPE SPOT GROUP. REGION 357 PRODUCED A SUBFAINT FLARE AT 27/1750Z. REGIONS 355 (N12W00) AND 356 (N08E19) HAVE BOTH RESTRUCTURED SOMEWHAT IN H-ALPHA, BUT NEITHER REGION PRESENTLY APPEARS

DYNAMIC. REGION 358 (N12E10) HAS STOPPED GROWING AND IS UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. REGIONS 355, 356, AND 357 MAY PRODUCE INFREQUENT SUBFLARES DURING THE THREE-DAY FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS REMAINED ACTIVE DURING THE PAST 24 HOURS. UNSETTLED CONDITIONS ARE EXPECTED DURING THE NEXT THREE DAYS, WITH MAXIMUM LEVELS OF DISTURBANCE LIKELY DURING PERIODS OF LOCAL NIGHT.

III. EVENT PROBABILITIES 28 FEB - 02 MAR

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 FEB 78

PREDICTED 28 FEB - 02 MAR 79/80/80

90-DAY MEAN 27 FEB 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 FEB 20

ESTIMATED AFR/AP 27 FEB 12/13

PREDICTED AFR/AP 28 FEB - 02 MAR 12/13 - 10/11 - 08/09

SOLTERWARN

SPAN

RT