

HFUS 1 BOU 250450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 056A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 25 FEBRUARY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. THE DISK REGIONS AND THE LIMBS ARE QUIET AND STABLE.

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

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO CONTINUE UNSETTLED TO QUIET DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 251430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 056B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 25 FEBRUARY 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 8 HOURS,
AND NO ENERGETIC ACTIVITY HAS BEEN REPORTED. REGIONS 567
(S03W11) AND 568 (N04W35) HAVE SHOWN RECENT GENERAL DECAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, AND NO
ENERGETIC ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE DURING
THE PAST 8 HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE LIKELY
THROUGH THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25 - 27 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 FEB 70

PREDICTED 25 - 26 FEB 71/72/73

90-DAY MEAN 24 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 FEB 26

ESTIMATED AFR/AP 24 FEB 12/14

PREDICTED AFR/AP 26 - 27 FEB 18/22 - 14/18 - 17/20

SOLTERWARN

BT

HFUS 1 BOU 252200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 056
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 FEBRUARY 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS, AND NO FLARES OR OTHER ENERGETIC ACTIVITY HAVE BEEN REPORTED. REGION 567 (S08W16) HAS DECAYED SOMEWHAT AND NOW IS VERY UNIMPRESSIVE IN BOTH H-ALPHA AND WHITE LIGHT. PRESENTLY THE VISIBLE DISK IS ALMOST DEVOID OF LARGE FILAMENTS.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED THROUGH THE FORECAST PERIOD, AND SIGNIFICANT ENERGETIC ACTIVITY IS UNLIKELY. NO PREVIOUSLY ACTIVE CENTERS ARE DUE TO RETURN TO THE EAST LIMB.

II. DURING THE PAST 24 HOURS, GENERALLY ACTIVE GEOMAGNETIC CONDITIONS HAVE BEEN REPORTED AT MIDDLE GEOMAGNETIC LATITUDES, AND DISTURBANCES OF MINOR STORM INTENSITY HAVE BEEN REPORTED AT HIGH GEOMAGNETIC LATITUDES. THIS GEOMAGNETIC ACTIVITY MAY INDICATE A CHANGE IN THE STRUCTURE OF THE INTERPLANETARY FIELD, SINCE PATTERNS OF ACTIVITY OBSERVED RECENTLY DO NOT AGREE WELL WITH 27-DAY RECURRENCE PREDICTIONS.

III. EVENT PROBABILITIES 26 - 28 FEB

CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 FEB 71
PREDICTED 26 - 28 FEB 72/73/74
90-DAY MEAN 25 FEB 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 FEB 14
ESTIMATED AFR/AP 25 FEB 18/25
PREDICTED AFR/AP 26 - 28 FEB 17/20 - 17/20 - 20/27
SOLTERWARN
BT