

HFUS 1 BOU 130550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 044A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 13 FEBRUARY 1975

IA. SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST SIX
HOURS.

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

II. THE GEOMAGNETIC FIELD CONTINUES DISTURBED. ACTIVE CONDITIONS
SHOULD PERSIST FOR THE NEXT 40 HOURS WITH UNSETTLED CONDITIONS
DOMINATING THE LAST 24 HOURS OF THIS FORECAST PERIOD.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 131430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 044B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 13 FEB 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 8
HOURS, AND NO ENERGETIC ACTIVITY HAS BEEN REPORTED. THE SOLAR
DISK AND LIMBS ARE QUIET AND UNIMPRESSIVE.

IB. ENERGETIC SOLAR ACTIVITY IS UNLIKELY DURING THE REMAINDER
OF THE FORECAST PERIOD.

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

III. EVENT PROBABILITIES 13 - 15 FEB

CLASS M 03/02/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 FEB 77

PREDICTED 13 - 15 FEB 77/76/76

90-DAY MEAN 12 FEB 82

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 FEB 23

ESTIMATED AFR/AP 12 FEB 28/42

PREDICTED AFR/AP 13 - 15 FEB 16/20 - 17/20 - 12/14

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HFUS BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 044

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 FEB 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS. THE MOST ENERGETIC EVENT REPORTED WAS A CLASS C1 IMPORTANCE ONE-FAINT FLARE THAT OCCURRED IN REGION 564 (N03W63) AT 13/2022Z. REGION 564 HAS CONTINUED TO DECLINE GRADUALLY IN BOTH H-ALPHA AND WHITE LIGHT, AND PRESENTLY THIS REGION CONTAINS AN H-TYPE SPOT ACCOMPANIED BY UNIMPRESSIVE PLAGE. OTHER DISK REGIONS AND THE LIMBS ARE QUIET.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE DURING THE THREE-DAY FORECAST PERIOD. REGION 564 MAY PRODUCE SPORADIC MINOR FLARES DURING ITS DECAY, BUT ONLY RELATIVELY NON-ENERGETIC EVENTS ARE LIKELY.

II. ACTIVE GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 24 HOURS. THIS GEOMAGNETIC ACTIVITY, WHICH IS PART OF A RECURRENT DISTURBANCE, IS EXPECTED TO DIMINISH IN INTENSITY THROUGH THE FORECAST PERIOD. MAXIMUM DISTURBANCE IS LIKELY AT HIGH GEOMAGNETIC LATITUDES AND DURING LOCAL NIGHTTIME.

III. EVENT PROBABILITIES 14 - 16 FEB

CLASS M 02/02/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 FEB 76

PREDICTED 14 - 16 FEB 76/75/75

90-DAY MEAN 13 FEB 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 FEB 23

ESTIMATED AFR/AP 13 FEB 18/20

PREDICTED AFR/AP 14 - 16 FEB 16/20 - 12/14 - 06/07

SOLTERWARN

BT