

HFUS 1 BOU 040450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 124A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 04 MAY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.

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

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING THE  
PAST EIGHT HOURS. IT IS EXPECTED THAT THE FIELD WILL CONTINUE IN  
AN UNSETTLED TO ACTIVE CONDITION DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 04 MAY - 06 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 78

PREDICTED 04 MAY - 06 MAY 78/78/78

90-DAY MEAN 03 MAY 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 MAY 14

ESTIMATED AFR/AP 03 MAY 21/28

PREDICTED AFR/AP 04 MAY - 06 MAY 25/34 - 30/43 - 35/52

SOLTERWARN

BT

HFUS 1 BOU 041430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 124B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 04 MAY 1975

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 8 HOURS. THREE SUBFAINT C-CLASS FLARES HAVE BEEN REPORTED FROM REGION 590 (S08W41) WHICH CONTINUES TO DEVELOP SLOWLY. GROWTH IN THIS REGION IS CURRENTLY CONFINED TO THE EMERGENCE OF NEW INTERMEDIATE SPOTS. OCCASIONAL DARK SURGES HAVE BEEN SEEN IN THIS REGION. REGION 591 (S12E11) HAS SHOWN SLIGHT GROWTH. OTHER REGIONS AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW PENDING FURTHER DEVELOPMENT IN REGION 590.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 8 HOURS. THE FIELD IS PRESENTLY QUIET BUT IS EXPECTED TO BECOME ACTIVE AGAIN BEFORE THE END OF THE DAY. THE FIELD IS EXPECTED TO REACH MINOR MAGNETIC STORM LEVELS EARLY IN THE FORECAST PERIOD AND TO MAINTAIN THESE LEVELS THROUGH THE PERIOD.

III. EVENT PROBABILITIES 04 MAY - 06 MAY

CLASS M 05/05/05  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 78  
PREDICTED 04-06 MAY 78/78/78  
90-DAY MEAN 03 MAY 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 MAY 14  
ESTIMATED AFR/AP 03 MAY 17/30  
PREDICTED AFR/AP 04-06 MAY 17/25 - 30/43 - 25/38  
SOLTERWARN  
BT

HFUS 1 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 124

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 04 MAY 1975

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. ONLY SMALL C-CLASS SUBFLARES HAVE BEEN REPORTED; 2 FROM REGION 589 (S10E01) AND 3 FROM REGION 590 (S08W49). THE ACTIVITY IN REGION 590 HAS BEEN ACCCOMPANIED BY NUMEROUS SMALL DARK SURGES. NEITHER REGION APPEARS ESPECIALLY COMPLEX MAGNETICALLY AND BOTH SEEM INCAPABLE OF PRODUCING ENERGETIC FLARES.

IB. SOLAR ACTIVITY SHOULD CONTINUE LOW TO MODERATE. FLARE PRODUCTION MAY INCREASE SOMEWHAT AS BOTH REGIONS BEGIN TO DECAY. OTHER REGIONS ARE QUIESCENT. NO SIGNIFICANT OLD REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY QUIET FOR THE PAST 12 HOURS. THE FIELD IS EXPECTED TO BECOME ACTIVE AGAIN EARLY IN THE FORECAST PERIOD AND TO REMAIN ACTIVE THROUGH THE PERIOD POSSIBLY REACHING MINOR MAGNETIC STORM LEVELS ON 6 MAY.

III. EVENT PROBABILITIES 05 MAY - 07 MAY

CLASS M            05/05/05

CLASS X            01/01/01

PROTON            01/01/01

PCAF              GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED          04 MAY 78

PREDICTED         05 MAY - 07 MAY 78/78/77

90-DAY MEAN       04 MAY 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG    03 MAY 17

ESTIMATED AFR/AP        04 MAY 13/18

PREDICTED AFR/AP        05 MAY - 07 MAY 17/25 - 30/43 - 25/38

SOLTERWARN

BT