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HFUS 1 BOU 210600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 141A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 21 MAY 1974

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. NO FLARES HAVE  
BEEN OBSERVED DURING THE PAST 8 HOURS. THE VISIBLE DISK IS WITHOUT  
ANY SPOTS.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE MINOR GEOMAGNETIC DISTURBANCE CONTINUES. THE INTENSITY OF  
THE DISTURBANCE IS GRADUALLY DECREASING. THE DISTURBANCE WILL  
CONTINUE FOR THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

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HFUS 1 BOU 211400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 141B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 21 MAY 1974

IA. SOLAR ACTIVITY, BOTH IN THE FORM OF FLARES AND CORONAL ACTIVITY,  
CONTINUES VERY LOW.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE TO BE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS QUIETED, AFTER BEING ACTIVE THROUGH  
THE LOCAL NIGHT. RESUMED ACTIVITY IS EXPECTED DURING NIGHT HOURS.  
PROTON FLUXES NEAR EARTH ARE AT QUIET BACKGROUND.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

SPAN

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO

SDF NUMBER 141

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 21 MAY 1974

IA. SOLAR FLARE ACTIVITY HAS BEEN VERY LOW. CURRENTLY ONLY THREE  
SMALL PLAGE REGIONS (NONE WITH VISIBLE SPOTS) ARE ON THE DISK. THE  
EAST LIMB IS SLIGHTLY ENHANCED IN LONG X-RAY MAPS, AND DEKAMETRIC  
RADIO EMISSION (TYPE III'S) HAVE BEGUN, AND MAY HERALD THE RETURN  
OF OLD ACTIVE REGIONS SEVERAL DAYS FROM NOW.

IB. FLARE ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE FORE-  
CAST PERIOD. CORONAL TRANSIENTS ARE POSSIBLE DURING THE NEXT  
SEVERAL DAYS.

II. THE GEOMAGNETIC FIELD WAS ACTIVE DURING LOCAL NIGHT AT ALL  
LATITUDES. IT HAS QUIETED DURING SUNLIT HOURS, BUT IS EXPECTED TO  
BE UNSETTLED AT NIGHT, AND ACTIVE AROUND LOCAL MIDNIGHT, DURING THE  
FORECAST PERIOD. A SLIGHT ENHANCEMENT OF LOW ENERGY PROTON FLUXES  
WAS RECORDED AT SATELLITE ALTITUDE BEGINNING BEFORE 1750 U.T. TODAY.  
THIS REPORT HAS NOT BEEN CONFIRMED BY OTHER SATELLITE OBSERVATIONS.

III. EVENT PROBABILITIES 22-24 MAY

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 MAY 70

PREDICTED 22-24 MAY 71/72/75

90-DAY MEAN 21 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 MAY 19

ESTIMATED AFR/AP 21 MAY 16/18

PREDICTED AFR/AP 22-24 MAY 17/20-17/20-17/20

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