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HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 136A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 16 MAY 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 404 (N06W32) PRODUCED THE FIRST FLARE IN THE LAST 48 HOURS, A ØF AT 15/2215Z. THIS REGION CONTAINS A WEAK ARCH FILAMENT SYSTEM AND HAS SHOWN SOME PLAGE GROWTH, BUT DOES NOT APPEAR CAPABLE OF PRODUCING ENERGETIC EVENTS. REGION 399 (S11W90) IS PRODUCING MINOR SURGING AS IT ROTATES OVER THE LIMB.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE PERIOD WITH A CHANCE OF NON-ENERGETIC SUBFLARES FROM REGION 404.

II. THE GEOMAGNETIC FIELD HAS BECOME ACTIVE IN RESPONSE TO A RECURRENT DISTURBANCE AND SHOULD CONTINUE ACTIVE WITH MINOR STORM CONDITIONS LIKELY AT HIGH LATITUDES.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES - NO CHANGE

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XBOU KV

HFUS 1 BOU 161400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 136B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 16 MAY 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 399(S11WEST LIMB) X  
IS PRODUCING MINOR SURGING AS IT TRANSITS THE WEST LIMB. THE  
ONLY OTHER REGION WITH SPOTS (404 AT N06W36) IS SMALL AND SIMPLE  
BUT MAY HAVE AN ARCH-FILAMENT SYSTEM.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. ACTIVE GEOMAGNETIC CONDITIONS CONTINUE WITH MID-LATITUDE K  
INDICES OF 5 DURING THE LOCAL NIGHTTIME.

III. EVENT PROBABILITIES 16 MAY - 18 MAY

CLASS M 03/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAY 83

PREDICTED 16 - 18 MAY 79/75/73

90-DAY MEAN 15 MAY 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MAY 11

ESTIMATED AFR/AP 15 MAY 21/26

PREDICTED AFR/AP 16 - 18 MAY 23/33 - 20/24 - 18/21

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HFUS 1 BOU  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 136  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 16 MAY 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 404 (N06W43)  
IS THE ONLY DISK REGION WITH SPOTS AND IT APPEARS SIMPLY STRUCTURED  
AND STABLE THOUGH AN ARCH-FILAMENT SYSTEM HAS FORMED  
INTERMITTENTLY. MINOR SURGING HAS ACCCOMPANIED THE WEST LIMB TRANSIT  
OF REGION 399 AT SII.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THE EASTERN TWO THIRDS  
OF THE SUN IS DEVOID OF SIGNIFICANT PLAGE AND NO REGIONS ARE DUE  
TO RETURN BEFORE 18 MAY WHEN A PREVIOUSLY SIMPLE DECAYING REGION  
IS DUE TO REAPPEAR OVER EAST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE AND IS  
EXPECTED TO REMAIN UNSETLED WITH INTERMITTENT ACTIVE PERIODS  
THROUGH THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 17-19 MAY

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

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 18 MAY 78 ←  
PREDICTED 17-19 MAY 78/78/78

90-DAY MEAN 18 MAY 86

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 15 MAY 19  
ESTIMATED AFR/AP 16 MAY 19/22  
PREDICTED AFR/AP 17-19 MAY 20/24 - 18/21 - 15/17  
SOLTERWARN  
SPAN  
BT

WATCH  
FOR MISTAKES!