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HFUS 1 BOU 180600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 169A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 18 JUNE 1974

IA. REGION 428 (S12E13) GENERATED A SUB-NORMAL FLARE WHICH ATTAINED  
MAXIMUM AT 18/0125Z, FOR THE ONLY FLARE ACTIVITY IN THE PAST EIGHT  
HOURS. DEKAMETRIC TYPE 3 SWEEP ACTIVITY ACCOMPANIED THE EVENT. THE  
REMAINDER OF THE DISK AND THE LIMBS HAVE BEEN QUIET.

IB. ENERGETIC ACTIVITY IS POSSIBLE IN REGION 428. MAGNETIC COMPLEXITY  
IS STILL APPARENT HERE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THUS FAR TODAY. PREDOM-  
INANTLY ACTIVE LEVELS ARE FORECAST THROUGH 20 JUNE.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 181400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 169B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 18 JUNE 1974

IA. SOLAR ACTIVITY HAS BEEN LOW. ONLY TWO, NON-ENERGETIC SUBFLARES X  
HAVE BEEN REPORTED IN THE PAST 24 HOURS. REGION 426 (N05W66) IS  
DECAYING. REGION 428 (S12E10) REMAINS STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED AND IS  
EXPECTED TO BE ACTIVE TO MINOR STORM THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 18 JUNE - 20 JUNE

CLASS M 15/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JUNE 85

PREDICTED 18 JUNE - 20 JUNE 87/88/88

90-DAY MEAN 17 JUNE 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 JUNE 13

ESTIMATED AFR/AP 17 JUNE 16/18

PREDICTED 18 JUNE - 20 JUNE 25/33 - 24/31 - 24/32

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HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 169

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 18 JUNE 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING  
THE PAST 24 HOURS WITH ONLY A FEW NON-ENERGETIC  
SUBFLARES BEING REPORTED. REGION 426 (N05W72)  
CONTINUES TO DECLINE IN ALL OPTICAL PARAMETERS.  
REGION 428 (S12E08) ALSO APPEARS TO BE DECLINING.  
SEPARATION IN THE UMBRA OF THE LEADER SPOT  
HAS BEEN DETECTED WHILE SOME SMALL SATELLITE  
SPOTS HAVE DEVELOPED. SMALL POINT BRIGHTENINGS  
ARE OCCURRING ALONG THE BASE OF THE SLIGHTLY  
ACTIVE NEUTRAL LINE FILAMENT WHICH APPEARS  
TO BE RE-ALIGNING ITSELF.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT K  
A VERY LOW LEVEL DURING THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS UNSETTLED WITH UNSETTLED  
TO ACTIVE CONDITIONS EXPECTED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 19 - 21 JUNE

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JUNE 82

PREDICTED 19 - 21 JUNE 81/80/80

90-DAY MEAN 18 JUNE 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 JUNE 14

ESTIMATED AFR/AP 18 JUNE 08/09

PREDICTED AFR/AP 19 - 21 JUNE 18/21 - 18/21 - 15/17

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