

HFUS BOU 070000

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SESC PRF 196 ISSUED 07 AUG 1974

DUE TO BUDGETARY CUTBACKS AT THE SPACE ENVIRONMENT SERVICES CENTER, THE PRELIMINARY REPORT AND FORECAST (PRF) WILL NO LONGER BE ISSUED. WE REGRET THIS ACTION AND ANY SUBSEQUENT INCONVENIENCE IT MAY CAUSE. DAILY FORECASTS WILL CONTINUE TO BE ISSUED AT 0600 U.T., 1400 U.T., AND 2200 U.T. (VIA AUTODIN ONLY THE 2200 U.T. WILL BE ISSUED).

SOLTERWARN

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HFUS 1 BOU 070600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 219A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 07 AUGUST 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO SIGNIFICANT CHANGES HAVE OCCURRED ON THE DISK.

IB. ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD REMAINS UNSETTLED. MILDLY ACTIVE CONDITIONS ARE EXPECTED DURING THE NEXT 12 HOURS, FOLLOWED BY A RETURN TO UNSETTLED CONDITIONS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1-BOU 071400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 219B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 07 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. THE ONLY FLARE REPORTED DURING THE LAST 24 HOURS WAS A M FLARE FROM REGION 463 (S18E75) AT 06/1930Z. THIS REGION HAS NOW BECOME STABLE. REGION 461 (S09E39) HAS PRODUCED POINT BRIGHTENINGS AND SOME PLAGE GROWTH SE OF THE LEADER SPOT WHERE SOME SMALL TRAILER POLARITY SPOTS HAVE DEVELOPED. OTHER REGIONS ON THE DISK SHOW LITTLE CHANGE.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AT MID LATITUDES AND ACTIVE AT HIGHER LATITUDES DURING THE LAST 12 HOURS. UNSETTLED TO ACTIVE CONDITIONS SHOULD CONTINUE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 07 AUG - 09 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 AUG 86

PREDICTED 07 AUG - 09 AUG 88/91/92

90-DAY MEAN 06 AUG 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 AUG 17

ESTIMATED AFR/AP 06 AUG 13/17

PREDICTED AFR/AP 07 AUG - 09 AUG 16/18 - 16/18 - 16/18

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HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 219

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 07 AUGUST 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. SUBFLARES AT 1352Z  
AND 1737Z OCCURRED IN REGIONS 462 (S06E47) AND 461 (S07E35)  
RESPECTIVELY WITH VERY MINOR X-RAY AND RADIO BURSTS. SUBTLE  
INCREASES IN PLAGE AND FILAMENT ACTIVITY HAVE MARKED THESE  
OVERLAPPING REGIONS. A SMALL EMERGING BIPOLAR AREA (464)  
HAS APPEARED ON THE SOUTHERN BORDER OF THE 461/462 COMPLEX.  
NO SIGNIFICANT ACTIVITY OR GROWTH HAS OCCURRED IN SMALL REGION  
463 (S17E59).

IB. THE DEVELOPMENT OF STRONGER AND MORE COMPLEX MAGNETIC FIELDS  
IS EXPECTED IN THE 461/462/464 COMPLEX. SUBFLARES WILL BECOME  
MORE NUMEROUS BY THE END OF THE FORECAST PERIOD. SMALL REGION  
443 IS DUE TO RETURN AT SOUTHEAST LIMB EARLY ON 10 AUGUST.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 24  
HOURS. THIS LEVEL OF ACTIVITY SHOULD PERSIST THROUGHOUT  
THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 08 - 10 AUGUST

CLASS M 10/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 AUGUST 84

PREDICTED 08 - 10 AUGUST 86/86/85

90-DAY MEAN 07 AUGUST 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 AUGUST 15

ESTIMATED AFR/AP 07 AUGUST 20/24 15 30 21

PREDICTED AFR/AP 08 - 10 AUGUST 16/18 - 16/18 - 16/18

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