

HFUS 1 BOU 130600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 194A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 13 JULY 1974

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST  
SIX HOURS. A SMALL NEW REGION IS DEVELOPING NEAR S13E56 AND A  
SMALL SPOT APPEARS TO BE GROWING SLOWLY. AN A TYPE SPOT GROUP IS  
ALSO VISIBLE NEAR S13E30. THE REMAINDER OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL FOR THE DURATION  
OF THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS UNSETTLED TO SLIGHTLY ACTIVE BUT  
QUIET TO OCCASIONALLY UNSETTLED CONDITIONS SHOULD PERSIST IN  
DAY LIGHT SECTORS.

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 131400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 194B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 13 JULY 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 8 HOURS,  
AND NO FLARES HAVE BEEN REPORTED. POSSIBLE UMBRAL SPLITTING MAY BE  
OCCURRING IN THE LARGE LEADING SPOT OF REGION 438(S08E10). REGION  
438 SHOWS LITTLE SIGN OF DEVELOPMENT. A NEW REGION, NUMBER 442, IS  
EMERGING AT S 2E50 AND NOW CONTAINS ENHANCED PLAGE ACCOMPANIED BY A  
SMALL SPOT GROUP.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. ENERGETIC  
ACTIVITY IS UNLIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED DURING THE  
PAST 8 HOURS. UNSETTLED CONDITIONS ARE LIKELY THROUGH THE REMAINDER  
OF THE THREE-DAY FORECAST PERIOD.

III. EVENT PROBABILITIES 13 - 15 JUL

CLASS M 02/01/01

CLASS X 01/01/01

PROTON 02/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JUL 81

PREDICTED 13 - 15 JUL 80/80/80

90-DAY MEAN 12 JUL 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JUL 14

ESTIMATED AFR/AP 12 JUL 15/18

PREDICTED AFR/AP 13 15 JUL 12/15 - 09/10 - 08/09

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HFUS BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 194

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 13 JULY 1974

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 24 HOURS, AND NO FLARES HAVE BEEN REPORTED. REGION 438 (S08E08) REMAINS THE MOST IMPRESSIVE DISK FEATURE. THE LARGE LEADING SPOT IN REGION 438 HAS SHOWN A RECENT TENDENCY TO SPLIT. LITTLE SIGNIFICANT CHANGE HAS OCCURRED IN THE TRAILING SECTION OF REGION 438 OR IN NEARBY REGION 441 (S08E16). NEW REGION 442 (S08E44) NOW CONTAINS A B-TYPE SPOT GROUP ACCOMPANIED BY SMALL BUT MODERATELY INTENSE PLAGE CONTAINING AN ARCH-FILAMENT SYSTEM.

IB. REGION 438 IS EXPECTED TO REMAIN QUIET, AND UMBRAL FRAGMENTATION IS LIKELY. REGION 442 SHOULD BE WATCHED FOR ADDITIONAL DEVELOPMENT.

II. UNSETTLED TO BRIEFLY ACTIVE GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 24 HOURS. GENERALLY UNSETTLED CONDITIONS ARE LIKELY FOR THE NEXT 48 HOURS, WITH UNSETTLED TO ACTIVE CONDITIONS LIKELY ON 16 JULY.

III. EVENT PROBABILITIES 14 - 16 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JULY 82

PREDICTED 14 - 16 JULY 81/81/80

90-DAY MEAN 13 JULY 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JULY 20

ESTIMATED AFR/AP 13 JULY 12/16

PREDICTED AFR/AP 14 - 16 JULY 13/15 - 13/15 - 15/18

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